

CURRICULUM VITAE
Elizabeth Anne Will

Address

University of South Carolina
Department of Psychology
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EDUCATION

- Postdoctoral Fellow, Department of Psychology, University of South Carolina 2017 – present
PI: Jane Roberts, PhD
Research Areas: Developmental, cognitive, and psychophysiological processes in infants and toddlers with neurogenetic disorders and autism
- Ph.D.*, Applied Developmental Science, Colorado State University 2012 – 2017
Advisor: Deborah Fidler, PhD
Dissertation: Early Foundations of Planning in Down Syndrome
- M.Ed.*, Child Development, Vanderbilt University 2009 – 2011
Advisor: Mark Wolery, PhD
Master's Thesis: Immediate and Delayed Effects of Weighted Vests
- B.S.*, Psychology, Appalachian State University (Cum Laude) 2003 – 2007

RESEARCH & CLINICAL POSITIONS

- Postdoctoral Fellow*, Department of Psychology, University of South Carolina 2017 - present
PI: Jane Roberts, PhD
- Editorial Assistant*, *American Journal on Intellectual and Developmental Disabilities* 2014 - 2017
Editor: Deborah Fidler, PhD
- Graduate Research Coordinator*, Developmental Disabilities Research Laboratory 2012 - 2017
Colorado State University (PI: Deborah Fidler, PhD)
- Project manager for multiple federally funded research projects on cognitive development in infants and young children with Down syndrome
 - Led participant recruitment efforts, behavior coding of observational measures, data management, trained and supervised over 30 undergraduate research assistants and two part-time graduate assistants.
- Project Coordinator*, Project Getting Along, Psychology and Human Development, Vanderbilt University (PI: David Cole, PhD) 2011 - 2012
- Project manager for study on bullying and depression in at-risk youth.
 - Led data collection and management efforts, implemented assessments of sustained attention and psychopathology.
- Research Associate*, Developmental Stuttering Project, Psychology and Human Development, Hearing and Speech Sciences, Vanderbilt University 2010 - 2012
(PIs: Tedra Walden, PhD; Ed Conture, PhD)
- Conducted assessments of speech, language, and physiological reactivity (heart rate, skin conductance) in preschoolers.

- Led behavioral coding efforts of affect coding paradigms
Board Certified Behavior Analyst, Autism Foundation of Tennessee 2011 – 2012
- Implemented behavioral assessments and therapeutic programming for children with autism spectrum disorders
- Trained and supervised applied behavior analysis line therapists
Graduate Research Assistant, Department of Special Education, Peabody College, Vanderbilt University (PI Mary Louise Hemmeter, PhD) 2009 - 2010
- Led data entry and management efforts

PROFESSIONAL CERTIFICATION

2011- *Current* Board Certification in Applied Behavior Analysis (BCBA)

HONORS, FELLOWSHIPS, AND AWARDS

2019 – 2021 Ruth L. Kirschstein NRSA Postdoctoral Fellowship (\$182,387)
 2018 INSAR Annual Meeting Travel Award (\$500)
 2017 Outstanding Graduate Student Award – College of Health and Human Sciences
 2016 – 2017 Prudence M. Kaley Scholarship (\$1,972)
 2016 APA Division 33 Graduate Student Award- Gatlinburg Conference (\$300)
 2015 – 2016 Pearle E. Betts Graduate Scholarship (\$600)
 2012 University Fellowship, Colorado State University (\$1,500)
 2010 – 2011 Full Tuition Fellowship, Peabody College, Vanderbilt University (\$22,500)
 2009 Dean’s Tuition Scholarship, Peabody College, Vanderbilt University (\$7,500)
 2007 Cum Laude, Appalachian State University

CURRENT RESEARCH SUPPORT

National Institutes of Child Health and Development (NICHD)

Ruth L. Kirschstein NRSA F32 Postdoctoral Fellowship – “*Early Features of Autism in Down syndrome*”

Impact Score: 20; Percentile: 4th

Role: PI

(\$182,397)

National Institutes of Mental Health – R01 Supplemental Award for Down syndrome Research

Role: Co-Investigator

(\$225,000)

COMPLETED RESEARCH SUPPORT

National Institute of Disability Rehabilitation and Independent Living Research – 2015-2018.

Title: “*Intervention to Promote Goal Directed Behavior in Infants with Down Syndrome*” (\$597,619).

PI: Lisa Daunhauer, ScD; Co-I: Deborah Fidler, PhD

Role: Research Coordinator (2015 – 2017)

Institute for Education Science – 2011-2015. National Center on Special Education Research/Institute for Education Research/US Department of Education.

Title: *Executive Function and Academic Achievement in Down Syndrome* (\$880,000).

PI: Deborah Fidler, PhD; Co-Investigator: Lisa Daunhauer, ScD

Role: Research Coordinator (2012-2015)

National Institute of Disability Rehabilitation and Research -- 2010-2013. National Institute of Disability and Rehabilitation Research/ US Department of Education.

Title: *Executive Function and Participation in Daily Life in Children with Down Syndrome* (\$570,000).

PI: Deborah Fidler, PhD; Co-Investigator: Lisa Daunhauer, ScD

Role: Research Coordinator (2012-2013)

PEER-REVIEWED PUBLICATIONS

Will, E.A., Daunhauer, L.A., & Fidler, D.J., Lee, N.R., Rosenberg, C., & Hepburn, S. (*in press*).

Sensory Processing and Maladaptive Behavior: Profiles within the Down syndrome Phenotype. *Physical and Occupational Therapy in Pediatrics*.

Fidler, D.J., Schworer, E., Daunhauer, L.A., Prince, M., **Will, E.A.,** & Needham, A. (*in press*).

Exploratory behavior and developmental skill acquisition in infants with Down syndrome. *Infant Behavior and Development*.

Will, E.A., Caravella, K.E., Hahn, L.J., Fidler, D.J., & Roberts, J.E. (2018). Adaptive behavior in infants and toddlers with Down syndrome and fragile X syndrome. *American Journal of Medical Genetics, Part B, Neuropsychiatric Genetics*, 1-11. DOI: 10.1002/ajmg.b.32619

Fidler, D.J., Schworer, E., **Will, E.A.,** Patel, L., & Daunhauer, L.A. (2018). Correlates of early cognition in Down syndrome. *Journal of Intellectual Disability Research*. doi: 10.1111/jir.12566

Fidler, D.J., Daunhauer, L., **Will, E.A.,** & Schworer, E. (2018). Working memory in Down syndrome. In T. Alloway, (Ed), *Working Memory and Clinical Developmental Disorders: Theories, Debates and Interventions*, Taylor & Francis.

Daunhauer, L.A., Gerlach-McDonald, B., **Will, E.A.,** & Fidler, D.J. (2017). Performance and ratings based measures of executive function in school aged children with Down syndrome. *Developmental Neuropsychology*, 42(6), 351-368.

Will, E. A., Gerlach-McDonald, B., Fidler, D.J., Daunhauer, L.A. (2017). Impact of maladaptive behavior on school function in Down syndrome. *Research in Developmental Disabilities*, 59, 328-337.

Will, E.A., Fidler, D. J., Daunhauer, L. A., & Gerlach-MacDonald (2017). Executive function and academic achievement in primary-grade students with Down syndrome. *Journal of Intellectual Disability Research*, 61(2), 181-195.

Fidler, D. J., Daunhauer, L. A., **Will, E.A.,** Gerlach-McDonald, B., & Schworer, E. (2016). The Central Role of Etiology in Science and Practice in Intellectual Disability. *International Review of Research in Developmental Disabilities*, 50, 33-69.

Will, E.A., & Hepburn, S. (2015). Applied Behavior Analysis for Children with Neurogenetic Disorders. In R. M. Hodapp, & D. J. Fidler (Eds.), *International Review of Research in Developmental Disabilities*, 49, 229–259.

Lee, N.R., Anand, P. **Will, E.A.,** Adeyemi, E.I., Clasen, L., Blumenthal, J.D., Geidd, J.N., Daunhauer, L.A., Fidler, D., & Edgin, J.O. (2015). Everyday executive functions in Down syndrome from early childhood to young adulthood: Evidence for both unique and shared characteristics compared to youth with sex chromosome trisomy (XXX and XXY). *Frontiers in Behavioral Neuroscience*, 9(264). Doi: 10.3389/fnbeh.2015.00264.

Will, E.A., Fidler, D. J., Daunhauer, L. A. (2014). Executive function and planning in early development in Down syndrome. *International Review of Research in Developmental Disabilities*, 47, 77-98.

Fidler, D. J., **Will, E.A.,** Daunhauer, L. A., Gerlach-McDonald, B., & Visootsak, J. (2014). Object-related generativity in children with Down syndrome. *Research in Developmental Disabilities*, 35, (12), 3379-3385.

Daunhauer, L., Fidler, D.J., & **Will, E.A.** (2014). School function for children with Down syndrome. *American Journal of Occupational Therapy*, 68, 167-176.

Daunhauer, L. A., Fidler, D. J., Hahn, L., **Will, E.A.,** Lee, N., & Hepburn, S. (2014). Profiles of everyday executive functioning in young children with Down syndrome. *American Journal on Intellectual and Developmental Disabilities*, 119, 303-318.

Cole, D. A., Dukewich, T. L., Roeder, K., Sinclair, K. R., McMillan, J., **Will, E.A.,** Bilsky, S. A., Martin, N.C., & Felton, J. W. (2014). Linking peer victimization to the development of depressive self-schemas in children and adolescents. *Journal of Abnormal Child Psychology*, 1-12.

MANUSCRIPTS UNDER REVIEW

Roberts, J.E., Crawford, H., **Will, E.A.,** Hogan, A.L., McQuillin, S., ... Brewe, A., (*under review*). Infant social avoidance predicts autism but not anxiety in fragile X syndrome. *Frontiers in Psychology*

Daunhauer, L.A., **Will, E.A.,** Schworer, E., & Fidler, D.J. (*under review*). Early longitudinal academic achievement and neuropsychological predictors in young students with intellectual disability caused by Down syndrome. *Intellectual Disability Research*.

Will, E.A., Bishop, S., & Roberts, J.E. (*under review*). Longitudinal trajectories of motor development in fragile X syndrome with and without autism.

Wall, C.A., Hogan, A.L., **Will, E.A.,** McQuillin, S., Tonnsen, B., & Roberts, J.E. (*under review*). Early Sex Differences in Developmental Trajectories of Negative Affect in Young Children with Fragile X Syndrome.

MANUSCRIPTS IN PREPARATION

Will, E.A., & Roberts, J.E. (in preparation). Motor trajectories predicting language outcomes in fragile X syndrome.

Will, E.A., Esbensen, A., & Fidler, D.J. (in preparation). Neuropsychological predictors of adaptive behavior in Down syndrome.

Will, E.A., & Roberts, J.E., (in preparation). Cross-syndrome differences in motor and language: Comparisons between Down syndrome and fragile X syndrome.

CLINICAL TRAINING

Autism Diagnostic Observation Schedule – Research Reliable Level 1 and Level 2 2018
Trainer: Kimberly Hills, PhD; University of South Carolina
Early Start Denver Model, Children’s Hospital of Colorado, 2015
Trainer: Elizabeth Griffith, PhD

CLINICAL INTERNSHIPS

Behavioral Health and Intellectual Disabilities Clinic, Vanderbilt Kennedy Center 2012
Early Childhood Behavior Clinic, Vanderbilt University 2011
Behavior Analysis Clinic, Vanderbilt Kennedy Center 2010
Treatment and Research Institute for Autism Spectrum Disorders (TRIAD) 2010
Social Skills Camp, Vanderbilt Kennedy Center
Autism and Behavior Management Clinic, Vanderbilt Children’s Hospital 2009
Project Support and Include (PBS), Vanderbilt University 2009

STATISTICS AND METHODOLOGY TRAINING

Bayesian Data Analysis, Software: R, JAGS (Trainer: John Kruschke, PhD) 2015
Longitudinal Data Analysis, Software: MPlus 2015
Psychometrics, Software: R, MPlus 2015
Structural Equation Modeling Software: Mplus 2014
Program Evaluation Software: R, MPlus 2014
Cardio Batch/Cardio Edit Heart Activity Software 2012

MEMBERSHIP

American Psychological Association Division 33- Intellectual and Developmental
Disabilities/Autism Spectrum Disorders
International Society for Autism Research

PROFESSIONAL SERVICE

Early Career Professional Committee (APA Div 33) 2017 – present
Intellectual and Developmental Disabilities/Autism Spectrum Disorders
Student Representative (APA Div 33) 2015 - 2017
Intellectual and Developmental Disabilities/Autism Spectrum Disorders
Ad hoc Reviewer 2014 - present
Autism; American Journal of Intellectual and Developmental Disabilities;
Research in Developmental Disabilities; Frontiers in Psychology;

Physical and Occupational Therapy in Pediatrics

TEACHING & MENTORSHIP EXPERIENCE

Instructor

- HDFS 310 **Infant and Child Development**, Department of Human Development and Family Studies, Colorado State University, Summer 2014, Spring 2017
- HDFS 101 **Individual & Family Development (online)**, Department of Human Development and Family Studies, Colorado State University, Spring, 2017, Summer 2017
- HDFS 492 **Senior Capstone Seminar: Program Proposal Development (Grant Writing)**, Department of Human Development and Family Studies, Colorado State University, Fall 2016
- HDFS 375 **Programming for Children and Families (online)**, Department of Human Development and Family Studies, Colorado State University, Spring 2016, Summer 2016
- HDFS 350 **Applied Research Methods**, Department of Human Development and Family Studies, Colorado State University, Summer 2015

Co-Instructor

- HDFS 650 **Advanced Research Methods (graduate level)**, Department of Human Development and Family Studies, Colorado State University, Fall 2014
- HDFS 310 **Infant and Child Development**, Department of Human Development and Family Studies, Colorado State University, Spring 2014

Teaching Assistant

- HDFS 310 **Infant and Child Development**, Department of Human Development and Family Studies, Colorado State University, Fall 2013
- PSY-PC 2250 **Adolescent Development**, Department of Psychology and Human Development, Vanderbilt University, Spring 2011

Mentorship

- 2012 – 2017 Developmental Disabilities Research Laboratory, Colorado State University; Training and research mentoring of both graduate and undergraduate level research assistants (36 research assistants)
- 2010 – 2011 Project Getting Along, Vanderbilt University, Nashville, TN
Training of undergraduate research assistants

Guest Lecturer

- Fall 2017 **Applied Behavior Analysis**, Communication Disorders, University of South Carolina
- SP 2016 **Autism**, Infant and Child Development, Colorado State University
- SP 2016 **Neurogenetic Disorders**, Infant and Child Development, Colorado State University
- Fall 2015 **Autism**, Infant and Child Development, Colorado State University
- Fall 2014 **Autism**, Infant and Child Development, Colorado State University
- Fall 2013 **Autism**, Infant and Child Development, Colorado State University
- Fall 2013 **Neurogenetic Disorders**, Infant and Child Development, Colorado State University

PRESENTATIONS (REFEREED)

- Will, E.A., & Roberts, J.E.** (2018, May). Motor trajectories in fragile X syndrome: an early indicator of comorbid autism, Poster presentation at the *International Society for Autism Research* annual meeting, Rotterdam, Netherlands.
- Will, E.A., Moser, C., & Roberts, J.E.** (2018, April). Object exploration in infants with Fragile X:

- Contrasts to high risk autism and typical development, Paper presentation at the *NICHD Gatlinburg Conference on Intellectual and Developmental Disabilities*, San Diego, CA.
- Roberts, J., Hogan, A.L., **Will, E.A.**, Tonnsen, B., & Klusek, J. (2018, April). Heart Rate Variability in Fragile X Syndrome and Its Relationship to Anxiety. Symposium accepted to the 2018 *Gatlinburg Conference on Research & Theory in Intellectual and Developmental Disorders*, San Diego, CA.
- *Smith, K., Hogan, A.L., **Will, E.A.**, & Roberts, J.E. (2018, April). Social and Object Attention as Markers for Anxiety in Toddlers with Neurodevelopmental Disorders. Poster presentation at the *Gatlinburg Conference on Research and Theory in Intellectual Disabilities*, San Diego, CA.
- *Ezell, J., **Will, E.A.**, McQuillin, S., and Roberts, J. (2018, May). Physiological Startle Response in Children with Fragile X Syndrome and Autism Spectrum Disorder. Poster presented at the *International Society for Autism Research Annual Meeting*, Rotterdam, Netherlands.
- *Ezell, J., **Will, E.**, Brewe, A., McQuillin, S., and Roberts, J. (2018, April). Negative Affect and Physiological Startle Response in Children with Fragile X Syndrome. Paper presentation at the *Gatlinburg Conference Research and Theory in Intellectual Disabilities*, San Diego, CA.
- Will, E.A.**, Fidler, D.J., & Esbensen, A. (2017, August). Neuropsychological predictors of adaptive behavior in Down syndrome. Paper presentation at *American Psychological Association Annual Convention*, Washington, D.C.
- Will, E.A.**, Fidler, D.J., & Daunhauer, L.A., (2017, March). Contributions to goal directed outcomes in toddlers with Down syndrome, Paper presentation at the *NICHD Gatlinburg Conference on Intellectual and Developmental Disabilities*. San Antonio, TX.
- Daunahauer, L.A., **Will, E.A.**, & Fidler, D.J., (2017, March). Longitudinal achievement and predictors of academic outcomes in elementary school for students with Down syndrome, *NICHD Gatlinburg Conference on Intellectual and Developmental Disabilities*. San Antonio, TX.
- Will, E.A.**, Fidler, D.J., & Daunhauer, L.A. (2016, August). Sensory processing and maladaptive behavior in Down syndrome, *American Psychological Association Annual Convention*. Denver, CO.
- Will, E.A.**, Fidler, D.J., & Daunhauer, L.A. (2016, March). Impact of maladaptive behavior on school function in Down syndrome, *Gatlinburg Conference on Intellectual and Developmental Disabilities*. San Diego, CA.
- *Godfrey, M., Maiman, M., Anand, P., **Will, E.A.**, Clasen, L.S., Daunhauer, L.A., Fidler, D.J., Geidd, J., Edgin, J., & Lee, N.R. (2016, March). An examination of the relations between everyday executive functions, age, and psychopathology in children and young adults with down syndrome, *Gatlinburg Conference on Intellectual and Developmental Disabilities*. San Diego, CA.
- Lee, N.R., **Will, E.A.**, Adeyemi, E., Clasen, L. S., Blumenthal, J., Daunhauer, L.A., Fidler., D.J., Geidd, J., & Edgin, J. (2016, March). Variation in the severity of everyday executive function in relation to age and symptoms of psychopathology in youth with an extra X chromosome: A comparison with typical youth and youth with Down syndrome, *Gatlinburg Conference on Intellectual and Developmental Disabilities*. San Diego, CA.
- Daunhauer, L.A., Fidler, D.J., **Will, E.A.**, & Gerlach-McDonald, B. (2015, April). Executive function in students with Down syndrome: Does what happen in the lab stay in the lab? Paper presentation at the *48th Annual Meetings of the NICHD Gatlinburg Conference on Intellectual and Developmental Disabilities*, New Orleans, LA.
- Fidler, D.J., Daunhauer, L.A., **Will, E.A.**, & Gerlach-McDonald, B. (2015, April). Executive function and math achievement in students with Down syndrome. Paper presentation at the *48th Annual*

Meetings of the NICHD Gatlinburg Conference on Intellectual and Developmental Disabilities, New Orleans, LA.

- Will, E.A.**, Fidler, D.J., & Daunhauer, L.A. (2015, April). Short-term memory and word identification in Down syndrome, Paper presentation at the *Gatlinburg Conference on Intellectual and Developmental Disabilities*. New Orleans, LA.
- Daunhauer, L. A., Fidler, D. J., **Will, E.A.**, Visootsak, J., & Hepburn, S. (2014, March). Are Inhibitory control deficits a component of the cognitive phenotypic profile in school-aged children with Down syndrome? Paper presented at the *Gatlinburg Conference on Intellectual and Developmental Disabilities*. Chicago, IL.
- Fidler, D. J., Daunhauer, L. A., **Will, E.A.** & Visootsak, J. (2014, March). Object-related generativity in children with Down syndrome. Paper presented at the *Gatlinburg Conference on Intellectual and Developmental Disabilities*. Chicago, IL.
- Will, E.A.**, Fidler, D. J., & Daunhauer, L. A. (2014, March). School function in children with Down syndrome. Paper presented at the *Gatlinburg Conference on Intellectual and Developmental Disabilities*. Chicago, IL.
- Lee, N.R., Adeyemi, E.I., Spano, G., Clasen, L., Fassassi, B., **Will, E.A.**, Stejksal, K., Whynott, L., Giedd, J., Daunhauer, L., Fidler, D., Edgin, J. (2013, April). Do executive function (EF) skills change with age in youth with Down syndrome. Paper presented at the *Workshop on Cognition in Down syndrome: Molecular, Cellular and Behavioral Features and the Promise of Pharmacotherapeutics*. Washington, DC.
- Ferris, G., Edwards, C., Cox, B., **Will, E.A.**, Moore, T., & Lane, K. L. (2010, October). *Using a functional assessment-based intervention to increase academic engaged time in an elementary student with ADHD*. Paper presented at the Tennessee Association for Applied Behavior Analysis Conference. Nashville, TN.

INVITED PRESENTATIONS

- Will, E.A.** (2015, October). Applied behavioral interventions for children with Down syndrome. *International Mosaic Down Syndrome Research and Retreat*. International Mosaic Down Syndrome Association, Fitchburg, MA.
- Will, E.A.** (2013, October). Behavioral therapy for children with Down syndrome. “*Day to Day Strategies for Down Syndrome*” *A Regional Conference for Parents and Caregivers*. Emory University, Atlanta, Georgia.