

Timothy G. Hilty, MS

Curriculum Vitae

Personal Information

Address: 1720 2nd Avenue South, CH 415
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Education

- 2019-Present Ph.D. in Developmental Psychology (Expected 2022)
University of Alabama at Birmingham (Birmingham, AL)
- Research interests: autism spectrum disorder, early screening/identification/diagnosis, motor development
 - Coursework: Developmental Psychology, Seminar in Social Development, Introduction to Statistics and Measurement, Applied Statistical Methods, Categorical Data Analysis, Multivariate Statistical Methods, Statistical Programming, Developmental Disabilities, Structural Equation Modeling
 - Graduate Certificate in Social & Behavioral Statistics (Expected)
 - Current GPA: 4.0
- 2014-2016 M.S. Experimental Psychology (2016)
Saint Joseph's University (Philadelphia, PA)
- Thesis: Perseverance, Problem Solving Abilities, and Stress in Children of Helicopter Parents
 - Selected courses: Advanced Child Psychopathology, Behavioral Medicine, Cognitive Science, Health Psychology, Nature of Emotion, Advanced Research Methods and Statistics I & II
 - GPA: 3.7
- 2011-2015 B.S. Psychology (2015)
Saint Joseph's University (Philadelphia, PA)
- Selected courses: Abnormal Psychology, Animal Learning & Memory, Biological Bases of Behavior, Health Psychology, Multicultural Psychology, Research Methods, Statistics
 - Minor in Spanish; studied abroad in Madrid, Spain (Spring 2014)
 - Graduated cum laude (GPA: 3.6)

Honors & Awards

- Blazer Graduate Research Fellowship (2019): fellowship awarded to those with an excellent academic record
- Member of Psi Chi, The International Honor Society in Psychology (2014-2016)

- Dean's List: Spring and Fall of 2012, Spring of 2015
- Presidential Scholarship (2011): awarded to students with outstanding academic and achievement records
- Regis Grant (2011): merit-based award

Research Experience

- 9/2019-Present Graduate Research Assistant
ASD Database Lab, University of Alabama at Birmingham
(Birmingham, AL)
Supervisors: Kristi Guest, Ph.D. & Sarah O'Kelley, Ph.D.
- Data collection and entry
 - Training new students on data entry
 - Developing and collaborating on research projects

Conference Presentations

- Arnold, Z., Gahan, R., **Hilty, T.**, O'Kelley, S.E., & Guest, K. (May 2021) The relationship between sensory sensitivity and fine motor function across neurodevelopmental disabilities: A case for the Research Domain Criteria (RDoc) framework. Poster presentation at the meeting of the International Society for Autism Research Meeting. Boston, MA.
- **Hilty, T. G.**, O'Kelley, S. E., & Guest, K. C. (February 2021). Neighborhood factors predictive of bullying victimization among individuals with autism spectrum disorder. Poster presented virtually at the 20th Annual Alabama Autism Conference at the University of Alabama. Tuscaloosa, AL.
- Arnold, Z. E., **Hilty, T. G.**, Cottle, J. J., Root, H. K., O'Kelley, S. E., & Guest, K. C. (February 2020). Sensory sensitivities and their relationship to restricted repetitive behaviors in children referred for an autism spectrum disorder assessment. Poster presented at the 19th Annual Alabama Autism Conference at the University of Alabama. Tuscaloosa, AL.
- **Hilty, T. G.** (October 2019). Is flying in a helicopter stressful? Oral presentation at the 3-Minute Thesis at the University of Alabama at Birmingham. Birmingham, AL.

Teaching Experience

- 1/2021-Present Teaching Assistant
University of Alabama at Birmingham (Birmingham, AL)
- Behavioral Addictions (PY 420), Online Course
- Graded 40 students' assignments, including topic reflections and discussion posts
- Research Literacy in Psychology (PY 215), Online Course

- Graded 44 students' written assignments, providing individualized and group feedback in areas of progress and in need of improvement
- Maintained communication with students regarding grades and feedback

Guest Lecturer

- Intellectual and Developmental Disabilities (PY 415):
"Transitioning to Adulthood"; provided multiple choice and essay exam questions

Work Experience

- 6/2018-7/2019 Program Supervisor of Therapeutic Socialization Program
Elwyn (Allentown, PA)
- Oversaw the daily operation of a program intended to teach social skills to those with autism spectrum disorder
 - Wrote clients' treatment plans
 - Trained employees in autism-specific interventions and considerations including Introduction to Autism and Teaching Play & Social Skills
 - Wrote lesson plans focused on teaching social skills
 - Coordinated client and staff assignment to classrooms
 - Organized and chaired staff meetings intended to monitor and improve the program and interventions being used
 - Contacted parents to discuss their child's progress, regression, and updates in order to promote collaboration and consistency across settings
 - Crisis intervention
- 6/2016-6/2018 ABA Specialist, Behavioral Health Staff, Therapeutic Staff Support
Elwyn (Media, PA & Allentown, PA)
- Implemented behavioral therapies for children with autism spectrum disorder and Down syndrome
 - Used applied behavior analysis to increase adaptive behaviors and socialization, while decreasing maladaptive behaviors
 - Taught social skills to children with autism spectrum disorder
 - Collected and interpreted behavioral data
- 5/2013-8/2013 Outpatient Counseling Intern
Haven House (Allentown, PA)
- Observed one-on-one and group therapy sessions
 - Audited client files

Trainings & Skills

- Completed Autism Diagnostic Observation Schedule, Second Edition (ADOS-2) clinical training through the UAB Civitan International Research Center (November 2020)
- Proficiency in SPSS, StataSE (particularly with categorical data), Mplus (with SEM)
- Experimental design and data collection
- BIOPAC MP36 hardware and BIOPAC Student Lab 4.0
- Applied behavior analysis, functional behavior analysis, and positive behavior support
- Interacting in one-on-one and group settings with mental health clients, particularly those diagnosed with autism spectrum disorder
- Safety-Care Behavioral Safety Training, Pediatric First Aid, CPR & AED-certified

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References

Patrick Garrigan, PhD
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