

## Curriculum Vitae

### **Hannah MacNaul**

Assistant Professor of Educational Psychology  
Applied Behavior Analysis  
The University of Texas at San Antonio

### **Contact Information**

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San Antonio, TX 78207

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### **Education**

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- Ph.D.            May 2020  
University of South Florida, Tampa, FL  
Concentration: Applied Behavior Analysis  
Academic advisor: Dr. Cividini-Motta, Ph.D., BCBA-D
- M.A.            May 2017  
University of Texas at San Antonio, San Antonio, TX  
Concentration: School Psychology, emphasis in Applied Behavior Analysis  
Academic advisor: Dr. Leslie Neely, Ph.D., BCBA-D
- B.A.            May 2014  
Texas State University, San Marcos, TX  
Major: Psychology  
Minor: Family and Child Development

### **Professional Credentials**

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Board Certified Behavior Analyst- Doctoral  
*Issued: 8/31/2018*

Certificate number:  
1-18-32517

Licensed Behavior Analyst  
*Issued: 06/03/2020*

License number:  
3422

Licensed Specialist in School Psychology  
*Issued: 12/28/2018*

License number:  
71437

## Teaching Experience

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Assistant Professor (Tenure Track)	Department of Educational Psychology <i>The University of Texas at San Antonio</i>	Current
Adjunct Instructor	Behavior Theory <i>Master of Arts in ABA (online)</i> <i>University of South Florida</i>	Summer 2020
Instructor	Observational Methods and Functional Assessment <i>Master of Arts in ABA (online)</i> <i>University of South Florida</i>	Fall 2019; Spring 2020
Instructor	ABA in Complex Community Environments <i>Master of Arts in ABA (online)</i> <i>University of South Florida</i>	Spring 2019
Instructor	Research Methods Design and Ethics <i>Undergraduate ABA Minor (in-person)</i> <i>University of South Florida</i>	Spring 2018; Summer 2018
Graduate Teaching Associate	Research Methods Design and Ethics <i>Undergraduate ABA Minor (in-person)</i> <i>University of South Florida</i>	Fall 2017
Graduate Teaching Associate	ABA Practicum <i>ABA Master of Science (in-person)</i> <i>University of South Florida</i>	Fall 2017
Teacher Assistant	Pre-K 4 SA, San Antonio, TX <i>City of San Antonio</i>	2014- 2015

## Research Experience

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<b>Severe Behavior Laboratory</b> Primary Investigator University of Texas at San Antonio	Current
<b>Research Coordinator</b> USF- Engage Behavioral Health	July 2018- February 2019
<b>Graduate Research Assistant</b> Department of Interdisciplinary Learning and Teaching University of Texas at San Antonio	2015- 2016

## Clinical Experience

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<b>Registered Behavior Technician</b> Collaborative Autism Resources and Education (CARE)	2015- 2018
<b>Specialist in School Psychology Intern</b> Montgomery Independent School District	2016- 2017
<b>School Psychology Practicum Student</b> San Antonio Independent School District	2015- 2016
<b>Behavioral Intern</b> San Antonio Independent School District Arc of San Antonio	2015- 2016
<b>Student Assistant</b> Student Disability Services The University of Texas at San Antonio	2014- 2016
<b>Counseling Program Intern</b> Mendez Elementary, San Marcos, TX	2013- 2014

## Publications

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- Schulz, T.J., Cividini-Motta, C., Blair, K., & **MacNaul, H.** (2020). A comparison of high-tech and low-tech response modalities to improve student classroom behavior. *Journal of Behavioral Education*. <https://doi.org/10.1007/s10864-020-09393-3>
- O'Connor, E., Cividini-Motta, C., & **MacNaul, H.** (2019). Treatment of food selectivity: An evaluation of video modeling of contingencies. *Behavioral Interventions*, 35(1), 57-75. <https://doi.org/10.1002/bin.1693>
- Cividini-Motta, C., Garcia, A. R., Livingston, C., & **MacNaul, H.** (2019). The effect of response interruption and redirection with and without a differential reinforcement of alternative behavior component on stereotypy and appropriate responses. *Behavioral Interventions*, 34(1), 3-18. <https://doi.org/10.1002/bin.1654>
- MacNaul, H. L.**, & Neely, L. C. (2018). Systematic Review of Differential Reinforcement of Alternative Behavior Without Extinction for Individuals with Autism. *Behavior Modification*, 42(3), 398-421. <https://doi.org/10.1177/0145445517740321>
- Neely, L. C., **MacNaul, H. L.**, Gregori, E., & Cantrell, K. (Submitted to *Journal of Applied Behavior Analysis*). Telehealth and applied behavior analysis: A systematic review focused on client outcomes.

## Conference Presentations

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- MacNaul, H. L.,** Scalzo, R., Cividini-Motta, C., & Wilson, S. (2020). *Evaluating the effect of assignment choice on student academic performance in an online class*. Symposium presented at Association for Behavior Analysis International. Online.
- MacNaul, H. L.,** Cividini-Motta, C., & Williams, K. (2020). *Evaluating the effect of active student responding and competition on student academic performance*. Symposium presented at Association for Behavior Analysis International. Online.
- Singer, L., Schulz, T., Cividini-Motta, C., Blair, K. C., & **MacNaul, H. L.** (2020). *A comparison of high-tech and low-tech response modalities to improve student performance and classroom behavior*. Symposium presented at Association for Behavior Analysis International. Online.
- MacNaul, H. L.,** Wilson, S., & Cividini-Motta, C. (2019, September). *Preference stability across repeated administrations: A systematic review and meta-analysis*. Symposium presented at the Florida Association for Behavior Analysis conference. Ponte Vedra, FL.
- MacNaul, H. L.** & Cividini-Motta, C. (2019, September). *An evaluation of magnitude and delay value sensitivity assessments*. Poster presented at the Florida Association for Behavior Analysis conference. Ponte Vedra, FL.
- MacNaul, H. L.,** Wilson, S., & Cividini-Motta, C. (2019, May). *Preference stability across repeated administrations: A systematic review and meta-analysis*. Symposium presented at the Association for Behavior Analysis International conference. Chicago, IL.
- MacNaul, H. L.,** Cividini-Motta, C., Garcia, A. R., & Livingston, C. (2018, September). *Response interruption & redirection (RIRD): A comparison of iterations of RIRD and evaluation of their effects on play and appropriate communication*. Symposium presented at Florida Association for Behavior Analysis conference. Bonita Springs, FL.
- MacNaul, H. L.,** Cividini-Motta, C., Garcia, A. R., & Livingston, C. (2018, March). *Response interruption & redirection (RIRD): A comparison of iterations of RIRD and evaluation of their effects on play and appropriate communication*. Symposium presented at the Association for Behavior Analysis International conference. San Diego, CA.
- MacNaul, H. L.,** Cividini-Motta, C., Garcia, A. R., & Livingston, C. (2018, March). *Response interruption & redirection (RIRD): A comparison of iterations of RIRD and evaluation of their effects on play and appropriate communication*. Poster presented at the 10<sup>th</sup> Annual Graduate Student Research Symposium. University of South Florida, Tampa, FL.
- MacNaul, H. L.,** & Neely, L. C. (2017, March). *Systematic review of differential reinforcement without extinction*. Poster presented at Texas Association of Behavior Analysis, Austin, TX.

**MacNaul, H. L., & Neely, L. C.** (2017, May). *Systematic review of differential reinforcement without extinction*. Poster presented at Association of Behavior Analysis International, Chicago, IL.

### **Grant Activities**

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**Co-Principle Investigator** Texas Higher Education Coordinating Board  
Project ABA TEACHER Autism Grant Program  
\$474,921

**Co-Principle Investigator** U.S. Department of Education,  
Project Evidence-based Action, Research, and Office of Special Education Programs  
Learning to support Young children with or at- \$998,880 (*Under Review*)  
risk for autism (EARLY)

**Advisory Board Member** U.S. Department of Education,  
Project Enhancing Behavior Analytic Services Office of Special Educations Programs  
(EBAS) for Children with Emotional and (H325K170085)  
Behavioral Disorders \$1.1 million

**Co-Investigator** Spencer Small Research Grant  
Evaluating the Effects of Kahoot! on Student \$50,000 (*not funded*)  
Academic Performance in University  
Classrooms

### **Professional Memberships**

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Association for Behavior Analysis International	2015- current
National Association of School Psychologists	2014- current
Texas Association for Behavior Analysis	2017- current

### **Service Activities**

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**Journal Manuscript Review**  
*Behavioral Interventions* 2019

**Poster Reviewer**  
*Community of Applications of Behavior Analysis* 2018- 2020  
*11<sup>th</sup>- 12<sup>th</sup> Annual Poster Session*

**Invited Presentation**  
MHC4206: ABA in Autism and Developmental Disabilities Spring 2018;

*The Role of School Psychologists in Behavior Analysis* Fall 2019

**Panelist**

*Behavioral Healthcare Professional Seminar* Fall 2018

**Continuing Education Events**

*ABA in the Classroom: Summer Webinar Series* July 20- 23

*Using Technology to Increase Skills Inside and Outside the Classroom* April 2019

*Assessment and Treatment of Problem Behavior* Dec. 2018

*Comparison and Evaluation of Conditioning Procedures and Token Economies* Nov. 2018

*Procedures and Implications for Efficient Verbal Behavior Training* Oct. 2018

*Skill Acquisition: Results and Implications* July 2018

*Further Evaluation of Behavioral Interventions* March 2018

**Awards and Honors**

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Tampa Bay Rotary Scholar- Research for Individuals with Autism 2018- 2019  
*University of South Florida* \$19,500

College of Education and Human Development Presidential Scholarship 2016  
*University of Texas at San Antonio*

University Life Award Finalist 2016  
*University of Texas at San Antonio*