

**College of Education  
Vita**

**Amanda B. Bosch, Ph.D., BCBA-D**

**Office Address**

Department of Language, Literacy and Special Populations  
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**Education**

University of Florida 2011	Doctor of Philosophy in Psychology
North Dakota State University 2006	Master of Science in Clinical Psychology
University of Nevada, Reno 2002	Bachelor of Arts in Psychology

**Honors**

TxABA Autism Research Competition Winner in 2012

Howard Hughes Medical Institute (HHMI) G.A.T.O.R.: Group Advantaged Training of Research Mentor in 2009-2010

**Academic Positions**

Assistant Professor, Sam Houston State University (2012-present)

Visiting Assistant Professor, Texas Tech University (2011-2012)

**Research/Grant Funding**

**Competitive Research Grants**

2011 (Research Assistant) — University of Florida Developing a novel treatment for restricted inflexible behavior. National Institute of Health (\$214, 586). As a

graduate student, I assisted in the writing and development of this grant and worked as a research assistant on the grant when it was funded.

University Research Grants

2009-2010 (Primary Investigator) - University of Florida Howard Hughes Medical Institute- Group Advantaged Training of Research (HHMI -G.A.T.O.R) (\$11,793). This grant funded tuition and stipend for me and two undergraduate research assistants so that I may experience mentoring students as a faculty member might.

**Teaching Summary Evaluation of Teaching**  
**IDEA Teaching Evaluation – 5 Point Scale**

Year	Progress on Relevant Objectives	Excellent teacher	Excellent Course	Average of Above	Summary Evaluation
<b>Fall 2012</b>					
<b>Raw</b>	4.1	3.8	4.0	3.9	4.1
<b>Adjusted</b>	3.7	3.5	3.4	3.4	3.6
<b>Spring 2013</b>					
<b>Raw</b>	4.7	4.6	4.5	4.6	4.6
<b>Adjusted</b>	4.4	4.3	4.2	4.2	4.4
<b>Fall 2013</b>					
<b>Raw</b>	4.2	3.6	3.7	3.6	4.0
<b>Adjusted</b>	3.9	3.2	3.0	3.1	3.6

**Publications**

**Refereed**

Richman, D. M., Barnard-Brak, L., **Bosch, A.**, Thompson, S., Grubb, L. and Abby, L. (2013), Predictors of self-injurious behaviour exhibited by individuals with autism spectrum disorder. *Journal of Intellectual Disability Research*. doi: 10.1111/j.1365-2788.2012.01628.x

Tarassenko, M., Miltenberger, R., Brower-Breitwieser, C., & **Bosch, A.** (2010). Evaluation of Peer Training for Teaching Abduction Prevention Skills. *Child & Family Behavior Therapy*, 32(3), 219- 230.

- Knudson, P., Miltenberger, R., **Bosch, A.**, Gross, A., Brower-Breitwieser, C., & Tarasenko, M. (2009). Fire Safety Skills Training for Individuals with Severe and Profound Mental Retardation. *Journal of Developmental and Physical Disabilities, 21*(6), 523-535.
- Miltenberger, R., Gross, A., Knudson, P., **Bosch, A.** Jostad, C., & Brower-Breitwieser, C. (2009). Evaluating behavioral skills training with and without simulated in situ training for teaching safety skills to children. *Education and Treatment of Children, 32*(1), 63-75.
- Woods, D. W., Himle, M. B., Miltenberger, R., Carr, J. E., Osmon, D.E., Karsten, A., Jostad, C., & **Bosch, A.** (2008). Durability, negative impact, and neuropsychological predictors of tic suppression in children. *Journal of Abnormal Psychology, 36*(2), 237-245.
- Bosch, A.**, Miltenberger, R., Gross, A., Knudson, P., & Brower-Breitwieser, C. (2008). Evaluation of extinction as a functional treatment for binge eating. *Behavior Modification, 32*(4), 556-576.
- Gross, A., Miltenberger, R., Knudson, P., **Bosch, A.**, & Brower-Breitwieser, C. (2007). Preliminary evaluation of a parent training program to prevent gun play. *Journal of Applied Behavior Analysis, 40*, 691-695.
- Mintz-Resudek, C., Wallace, M. D., Najdowski, A.C., Atcheson, K., & **Bosch, A.** (2007). Reinforcer identification and evaluation of choice within an educational setting. *Journal of Behavioral Education 16, 4*, 333-341.

#### **Manuscripts in press**

- Vollmer, T.R., Bosch, A., Rapp, J.T., & Ringdahl, J.E. Stereotypical behavior. In P. Sturmey and R. Didden (Eds.), *Evidence-based Practice and Intellectual Disabilities*.

#### **Manuscripts in review**

- Zawoyski, A., Bosch, A., Vollmer, T.R., & Walker, S.W. Evaluating the effects of matched and unmatched stimuli on nail biting in typically developing children. Submitted to *Behavior Modification* on 08-05-13.
- Richman, D. M., Barnard-Brak, L., Grubb, L., Bosch, A., & Abby, L. Meta-analysis of noncontingent reinforcement effects on aberrant behavior. Submitted to *Journal of Applied Behavior Analysis* on 11-20-2013.

## Professional Presentations

### **National/International (presenting author bolded)**

- Bosch, A., & Vargo, K.** (2014, May) *Low Incidence Disabilities and Autism program (LIDA) at Sam Houston State University*. Expo Poster to be presented at 40<sup>th</sup> Annual Convention of the Association for Behavior Analysis International, Chicago, Illinois.
- Abby, A.,** Richman, D. M., Barnard-Brak, L., Grubb, L. M., & Bosch, A., & (2014, May). Meta-Analysis of Noncontingent Reinforcement Effects on Challenging Behavior. In David M. Richman (Chair), *Large-Scale Analyses of Single-Case Design Research: Effects of NCR on Challenging Behavior and Function-Based Treatment of Elopement*. Symposium to be presented at 40<sup>th</sup> Annual Convention of the Association for Behavior Analysis International, Chicago, Illinois.
- Richman, D. M., Barnard-Brak, L., **Grubb, L. M.,** Bosch, A., & Abby, L. (2014, February). *Noncontingent reinforcement: Meta-analysis of single-case design*. Poster to be presented at 2014 National Association of School Psychologists, San Antonio, Texas.
- Richman, D.,** Dotson, W., A., Baker, M., O'Boyle, M., Bosch, A., Schlund, M., Kushal, K., Fang, D., & Brough, J. (2013, October). *Contrasting neuroimaging patterns in two individuals with autism spectrum disorder and specific phobia*. Paper presented at the Association for Behavior Analysis International Convention. Merida, Mexico.
- A. Bosch** (Chair) *Component Analyses of Interteaching and Its Effect on High-Order Thinking*. (2013, May). Symposium presented at the 39<sup>th</sup> Annual Convention of the Association of Behavior Analysis, Minneapolis, MN.
- Thompson, S.,** Grubb, L.M., Richman, D.M. Bosch, A. & Garza, I. (2013, May). *A comparison of two sight-word instructional strategies for an adult non-reader with intellectual disability and Down Syndrome*. In S. Snidarich (Chair), *Matching academic intervention to results of experimental analysis: Principles, theories, and procedures*. Symposium presented at the 39<sup>th</sup> Annual Convention of the Association of Behavior Analysis, Minneapolis, MN.
- Bosch, A.,** Richman, D.M., Abby, L., Thompson, S., Grubb, L.M., & Barnard-Brak, L. (2013, May). *An evaluation of preference stability within food and activity MSWOs across 7 months for 6 adults with intellectual disabilities*. Poster presented at the 39<sup>th</sup> Annual Convention of the Association of Behavior Analysis, Minneapolis, MN

- Sodemann, A., Bosch, A., Hye-Suk, & L. P.** (2013, May) *Evaluating the effects of differential reinforcement of incompatible behavior (DRI) and video monitoring on the duration of conversation and conversational behaviors with students that have autism.* Poster presented at the 39<sup>th</sup> Annual Convention of the Association of Behavior Analysis, Minneapolis, MN
- Richman, D.M., Dotson, W., Baker, M., O'Boyle, M., Bosch, A., Kushal, K., Fang, D., & Brough, J.** (2013, March). *Contrasting Neuroimaging Patterns in Two Individuals with Asperger's Disorder and Specific Phobia.* Symposium presented at the Annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities. San Antonio, TX.
- Bosch, A., Richman, D.M., Abby, L., Thompson, S., Grubb, L.M., Barnard-Brak, L., & Dotson, W.** (2012, May). *An evaluation of response patterns within 5-session food and activity MSWOs for 9 adults with intellectual disabilities.* Poster presented at the 38<sup>th</sup> Annual Convention of the Association of Behavior Analysis, Seattle, WA.
- Grubb, L.M., Richman, D.M., Barnard-Brak, L., Thompson, S., Abby, L. & Bosch, A.,** (2012, May). *Predictors of Self-Injurious Behavior Exhibited by 617 Individuals with Autism Spectrum Disorder.* Poster presented at the 38<sup>th</sup> Annual Convention of the Association of Behavior Analysis, Seattle, WA.
- Richman, D. M., Carter, S. L., Banda, D., Dotson, W. H., & Bosch, A.,** (2012, May). *Applied behavior analysis graduate training and postdoctoral research opportunities at Texas Tech University.* Expo poster presented at the 38<sup>th</sup> Annual Convention of the Association of Behavior Analysis, Seattle, WA.
- Richman, D., Barnard-Brak, L., Bosch, A., Thompson, S., Grubb, L., & Abby, L.** (2012, March). *Predictors of self-injurious behavior exhibited by 617 individuals with autism.* In S. Schroeder (Chair), *Multi-Modal and Multi-Method Approaches to Assessment and Intervention for SIB* Symposium presentation at the Annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities. Annapolis, MD.
- Bosch, A., Vollmer, T. R., Breeden, A., Nyman, A., & Zawoyski, A.** (2011, May). *An evaluation of repetitive behavior in typically functioning adults and developmentally disabled children and implications for functional analyses.* In M. Lanovaz (Chair), *Innovations in the Assessment and Treatment of Stereotypy.* Symposium presented at the 37<sup>th</sup> Annual Convention of the Association of Behavior Analysis, Denver, CO.
- Bosch, A., & Vollmer, T.R.** (2011, May). *Classroom-based and school-wide interventions in a middle school.* In B. J. Bassingwaithe (Chair), *Increasing the use of behavior analysis in school settings: Successes in systemic change.*

Symposium presented at the 37<sup>th</sup> Annual Convention of the Association of Behavior Analysis, Denver, CO.

**Bosch, A.,** Vollmer, T.R., Breeden, A., Nyman, A., Zawoyski, A., & Broome, D. (2009, May). An evaluation of repetitive behavior in typically functioning adults and implications for functional analyses. In H. Hoch (Chair), *Recent research in the assessment and treatment of stereotypic behavior*. Symposium presented at the 36<sup>th</sup> Annual Convention of the Association of Behavior Analysis, San Antonio, TX.

**Bosch, A.,** Phillips, C. L., Vollmer, T. R., Zawoyski, A., Broome, D., & Nyman, A. (2009, May). An evaluation of a common autism treatment: The weighted vest. In K. Sloman (Chair), *Evaluation of commonly used nonbehavioral interventions for individuals with autism*. Symposium presented at the 36<sup>th</sup> Annual Convention of the Association of Behavior Analysis, San Antonio, TX.

**Zawoyski, A.,** Bosch, A., Vollmer, T. R., & Broome, D. (2009, May). *Evaluating the effects of matched and unmatched stimuli on nail biting in typically developing children*. Poster presented at the 36<sup>th</sup> Annual Convention of the Association of Behavior Analysis, San Antonio, TX.

**Broome, D.,** Bosch, A., Vollmer, T. R., & Zawoyski, A. (2009, May). *Effects of auditory stimuli on repetitive behavior*. Poster presented at the 36<sup>th</sup> Annual Convention of the Association of Behavior Analysis, San Antonio, TX.

**Sloman, K.,** Vollmer, T. R., Samaha, A., & Bosch, A. (2008, May). A clinical and laboratory evaluation of noncontingent reinforcement and momentary differential reinforcement of other behavior. In C. Borerro (Chair), *Noncontingent reinforcement: Treatment efficacy and translational experimentation*. Symposium presented at the 34<sup>th</sup> Annual Convention of the Association of Behavior Analysis, Chicago, IL.

**Samaha, A.,** Vollmer, T. R., & Bosch, A. (2008, May). Evaluations of interobserver agreement. In N. Heal (Chair), *Factors that influence occurrence of data collection, observer accuracy, and measures of interobserver agreement*. Symposium presented at the 34<sup>th</sup> Annual Convention of the Association of Behavior Analysis, Chicago, IL.

**Bosch, A.,** Miltenberger, R. G., Gross, A., Knudson, P., Brower-Breitwieser, C. (2007, May). Evaluation of extinction as a functional treatment for binge eating. In A. Bosch (Chair), *Clinical behavior analysis: Evaluating treatment for bulimic behavior and smoking*. Symposium presented at the 33<sup>rd</sup> Annual Convention of the Association of Behavior Analysis, San Diego, CA.

- Gross, A., Miltenberger, R., Knudson, P., & Bosch, A.** (2007, May). Parent training to prevent gun play. In R. Miltenberger (Chair), *Recent research on behavioral safety*. Symposium presented at the 33<sup>rd</sup> Annual Convention of the Association of Behavior Analysis, San Diego, CA.
- Tarasenko, M., Miltenberger, R., Brower-Breitwieser, C., Knudson, P., Bosch, A., & Gross, A.** (2007, May). Evaluating peer training of abduction prevention skills. In R. Miltenberger (Chair), *Recent research on behavioral safety*. Symposium presented at the 33<sup>rd</sup> Annual Convention of the Association of Behavior Analysis, San Diego, CA.
- Knudson, P., Miltenberger, R., Bosch, A., Gross, A., Brower-Breitwieser, C.** (2007, May). Fire safety skills training for individuals with severe and profound mental retardation. In R. Miltenberger (Chair), *Recent research on behavioral safety*. Symposium presented at the 33<sup>rd</sup> Annual Convention of the Association of Behavior Analysis, San Diego, CA.
- Miltenberger, R., Bosch, A., Jostad, C., Knudson, P., Mackner, A., Heimerdinger, S., Schaaf, M., **Randal, A., & Breitwieser, C.** (2006, August). *Analysis of habit reversal and adjunct treatments for trichotillomania*. Poster presented at the annual conference of the American Psychological Association. New Orleans, LA.
- Miltenberger, R. G., **Mackner, A., Knudson, P., Bosch, A., & Jostad, C.** (2006, May). Enhancing the effectiveness of behavioral skills training for teaching safety skills to prevent gun play. In A. Najdowski (Chair), *Establishing safety skills in children: recent empirical investigations*. Symposium presented at the 32<sup>nd</sup> Annual Convention of the Association of Behavior Analysis, Atlanta, GA.
- Miltenberger, R. G., Jostad, C., **Bosch, A., Knudson, P., & Mackner, A.** (2006, May). Analysis of habit reversal and adjunct treatments in the treatment of trichotillomania. In R.G. Miltenberger (Chair), *Recent research in the analysis and treatment of trichotillomania*. Symposium presented at the 32<sup>nd</sup> Annual Convention of the Association of Behavior Analysis, Atlanta, GA.
- Miltenberger, R. G., **Knudson, P., Bosch, A., Jostad, C., & Mackner, A.** (2006, May). Factors contributing to hair pulling, treatment effectiveness, and relapse. In R. G. Miltenberger (Chair), *Recent research in the analysis and treatment of trichotillomania*. Symposium presented at the 32<sup>nd</sup> Annual Convention of the Association of Behavior Analysis, Atlanta, GA.
- Bachmeyer, M. H., Piazza, C. C., Reed, G. K., Bethke, S., Maddox, S., & Bosch, A.** (2005, May). A systematic evaluation and treatment of multiply controlled inappropriate mealtime behavior. In J. Atwell (Chair) *Recent research on functional analysis and function-based interventions*. Symposium presented at the 31<sup>st</sup> Annual Convention of the Association of Behavior Analysis, Chicago, IL.

**Rader, K.**, Piazza, C. C., Reed, G. K., Bachmeyer, M. H., Bethke, S. & Bosch, A. (2005, May). *Increasing chewing skills in children with feeding problems*. Poster presented at the 31<sup>st</sup> Annual Convention of the Association of Behavior Analysis, Chicago, IL.

**Bosch, A.**, Patel, M. R. & Piazza, C. C. (2004, May). *On the relation between response effort and food texture in a child with feeding problems*. Poster presented at the 30<sup>th</sup> Annual Convention of the Association of Behavior Analysis, Boston, MA.

### **State/Local (presenting author bolded)**

**Green, G.** (2014, February). Will Behavior Analysis Resolve Its Identity Crisis? In A. Bosch (Chair), *Professional track*. Invited address at 2014 Texas Association for Behavior Analysis, San Antonio, TX.

**Dotson, W., Wood Rich, K., Johnson-Patagoc, K.** (2014, February). Panel on Insurance Billing, In A. Bosch (Chair), *Professional track*. Invited address at 2014 Texas Association for Behavior Analysis, San Antonio, TX.

Richman, D. M., Barnard-Brak, L., Grubb, L. M., Bosch, A., & **Abby, L.** (2014, February). *Meta-Analysis of Noncontingent Reinforcement Effects on Aberrant Behavior*. Poster to be presented at 2014 Texas Association for Behavior Analysis, San Antonio, TX.

**Abby, L.**, Richman, D. Barnard-Brak, L., Grubb, L. M., & Bosch, A. (2013, October). Meta-analysis of single-case design data: Effects of noncontingent reinforcement on challenging behavior. *Invited Address presented at the Texas Education Intervention Research Collaborative*. Lubbock, TX.

**Bosch, A.**, Vollmer, T. R., Zawoyski, A., Nyman, A., Broome, D. & Phillips, C. L. (2012, February). *An evaluation of a common autism treatment: The weighted vest*. Research competition symposium presented at the 2012 Texas Association for Behavior Analysis, Austin, TX.

**Bosch, A.**, Richman, D.M., Abby, L., Thompson, S., Grubb, L.M., Barnard-Brak, L., & Dotson, W. (2012, February). *An evaluation of response patterns within 5-session food and activity MSWOs for 9 adults with intellectual disabilities*. Poster presented at the 2012 Texas Association for Behavior Analysis, Austin, TX.

**Grubb, L.M.**, Richman, D.M., Barnard-Brak, L., Bosch, A., Thompson, S., & Abby, L. (2012, February). *Predictors of Self-Injurious Behavior Exhibited by Individuals with Autism Spectrum Disorder*. Poster presented at the 2012 Texas Association for Behavior Analysis, Austin, TX.



- Bosch, A.**, Phillips, C. L., Vollmer, T. R., Nyman, A., Zawoyski, A., & Broome, D. (2010, October). An evaluation of a common autism treatment: The weighted vest. In H.A. Murphy (Chair), *Assessment and Successful Interventions in Autism: Three Examples*. Symposium presented at the 30<sup>th</sup> annual meeting of the Florida Association for Behavior Analysis, Orlando, FL.
- Bosch, A.**, Vollmer, T. R., Breeden, A., Nyman, A., Zawoyski, A., & Broome, D. (2010, October). An Evaluation of repetitive behavior in typically functioning adults and implications for functional analyses. In T.R. Volmer (Chair), *An Evaluation of Factors Affecting Behavioral Assessment and Treatment in Autism and Developmental Disabilities*. Symposium presented at the 30<sup>th</sup> annual meeting of the Florida Association for Behavior Analysis, Orlando, FL.
- Zawoyski, A.**, Bosch, A., Vollmer, T.R., & Broome, D. (2010, October). *Evaluating the effects of matched and unmatched stimuli on nail biting in typically developing children*. Poster presented at the 30<sup>th</sup> annual meeting of the Florida Association for Behavior Analysis. Orlando, FL.

## **Service**

### **Department of Language, Literacy, and Special Populations Committees and Service**

LLSP Social and Wellness Committee (2013-present)

LLSP Research Committee (2013-present)

LIDA Endowed Chair Search Committee (2013-2014)

Served as Coordinator of the Low Incidence Disabilities and Autism program since November, 2013

Advisement of graduate students on SHSU campus and at the University Center in the Woodlands, Texas (2012-present)

LLSP Digital Literacy and Curriculum Committee (2013)

LIDA Search Committee, Co-chair (2012-2013)

SPED Diagnostician Search Committee (2012)

SPED Search Committee (2012)

## **Reviewer**

Service as Guest Reviewer for *Behavior Modification* in 2013.

Service as a Guest Reviewer for *Journal of Applied Behavior Analysis* in 2008 and 2012.

Service as Guest Reviewer for *Behavior Analysis in Practice* in 2009.

## **Professional Memberships**

Association for Behavioral Analysis International 2003-present

Texas Association for Behavior Analysis 2011-present

Council for Exceptional Children 2013-present

Florida Association for Behavior Analysis 2006-2010

California Association for Behavioral Analysis 2002

## **Professional Certifications**

Board Certified Behavior Analyst-Doctoral 2011-present

Board Certified Behavior Analyst 2006