

**MIRIAM CHACON BOESCH**  
**Associate Professor in Special Education**

1155 Union Circle #311335  
 Denton, TX 75203

(940) 565-2293 (wk)  
 Miriam.Boesch@unt.edu

## **AREA OF EXPERTISE**

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- Augmentative and alternative communication (AAC) interventions for individuals with autism spectrum disorder (ASD)
- Pre- and in-service teacher preparation in AAC and ABA strategies
- Applied behavior analysis (ABA) interventions for decreasing challenging behavior and increasing functional skills in students with ASD and other developmental disabilities

## **EDUCATION**

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| 2011 | <b>Ph.D. Special Education</b><br>Emphasis: <i>Augmentative and Alternative Communication (AAC); Autism</i><br>Purdue University, West Lafayette, IN |
| 2004 | <b>M.S. Special Education</b><br>Emphasis: <i>AAC; Severe Disabilities</i><br>Purdue University, West Lafayette, IN                                  |
| 2002 | <b>B.S. Communication Disorders</b><br>Emphasis: <i>Speech-Language Pathology</i><br>Texas Tech University Health Sciences Center, Lubbock, TX       |

## **CERTIFICATIONS**

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- Severe Disabilities All-Grade Level Teacher, Indiana
- Special Education All-Grade Level Teacher, Texas

## **PROFESSIONAL EXPERIENCE**

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|---------|---|
| 2017--  | <i>Associate Professor</i> , Special Education – Department of Educational Psychology,<br>University of North Texas, Denton             |
| 2011-17 | <i>Assistant Professor</i> , Special Education – Department of Educational Psychology,<br>University of North Texas, Denton             |
| 2010-11 | <i>Research Fellow</i> , Transdisciplinary Augmentative and Alternative<br>Communication Program, Purdue University, West Lafayette, IN |

2010	<i>Research Assistant</i> , Transdisciplinary Augmentative and Alternative Communication Program, Purdue University, West Lafayette, IN
2009	<i>Instructor</i> , Special Education, Purdue University, West Lafayette, IN
2009	<i>Student Counselor</i> , Gifted Education Resource Institute, Purdue University, IN
2006, 08-09	<i>Recitation Instructor</i> , Department of Educational Studies, Purdue University, West Lafayette, IN
2006, 08-09	<i>Practicum Supervisor</i> , Teacher Preparation Program, Purdue University, West Lafayette, IN
2008	<i>Research Assistant</i> , Transdisciplinary Augmentative and Alternative Communication Program, Purdue University, West Lafayette, IN
2006	<i>Summer Bridge Program Coordinator</i> , Purdue Disabilities Resource Center, West Lafayette, IN
2005-06	<i>Research Assistant</i> , Transdisciplinary Augmentative and Alternative Communication Program, Purdue University, West Lafayette, IN
2004-05	<i>Special Education Teacher</i> , Lubbock Independent School District, TX
2002-04	<i>Augmentative &amp; Alternative Communication Assistant</i> , Purdue University-Greater Lafayette Area Special Services, IN

## REFEREED PUBLICATIONS

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\* = student collaboration

- \*Kliemann, K. R., **Boesch, M. B.**, & Lindo, E. (accepted, 2021). Answering wh-questions with the support of graphic organizers: Effects on 8<sup>th</sup> graders with autism spectrum disorder. *Journal of the American Academy of Special Education Professionals*.
- \*Hur, S., & **Boesch, M. B.** (2020). The effects of participant motivation on the effectiveness of video modeling. *Journal of the Korean Association for Persons with Autism*, 20(2), 113-139. <https://doi.org/10.33729/kapa.2020.2.5>
- \*Hur, S., & **Boesch, M. B.** (2019). Video-based instruction for social and communication skills in individuals with autism spectrum disorder: A systematic review. *Journal of Special Children Education*, 21(4), 125-160. <http://dx.doi.org/10.21075/kacs.2019.21.4.125>

- \*Feldman, S., & **Boesch, M. B.** (2019). Conducting a trial-based functional analysis in the classroom. *The Journal of the International Association of Special Education*, 19(1), 77-84.
- Da Fonte, M. A., **Boesch, M. C.**, Wolfe, N. P., & Young, R. D. (2019). Communication system identification for individuals with complex communication needs: The need for effective feature matching. *International Review of Research in Developmental Disabilities*, 57, 171-228. doi:10.1016/bs.irrdd.2019.07.002
- JCR 2018 impact factor: 0.862
  - Scopus CiteScore 2018 = 0.98; Highest Scopus %ile: 42%
- Boesch, M. C.**, Da Fonte, M. A., Ostroff, A., Wilson, J., & Paranczak, J. (2018). Culturally sensitive considerations: Identifying and using reinforcers in the classroom. *Journal of the International Association of Special Education*, 18, 64-69.
- Boesch, M. C.**, Mehta, S., & Da Fonte, M. A. (2016). Comparing multiple communication modalities yields mixed results indicating that a broad focus may lead to narrow recommendations. *Evidence-Based Communication Assessment and Intervention*, 10(2), 108-113. doi:10.1080/17489539.2016.1237159
- Scopus CiteScore 2018 = 0.19; CiteScore Rank – 48<sup>th</sup> %
- Boesch, M. C.**, Mehta, S., & Da Fonte, M. A. (2016). A review comparing AAC intervention components yields a list of studied components, but conclusions regarding comparative effectiveness appear flawed. *Evidence-Based Communication Assessment and Intervention*, 10(1), 13-19. doi:10.1080/17489539.2016.1200256
- Scopus CiteScore 2018 = 0.19; CiteScore Rank – 48<sup>th</sup> %
- Da Fonte, M. A., & **Boesch, M. C.** (2016). Recommended augmentative and alternative communication competencies for special education teachers. *Journal of International Special Needs Education*, 19(2), 47-58. doi:10.9782/2159-4341-19.2.47
- Da Fonte, M. A., **Boesch, M. C.**, \*Dodd, R. E., \*Bennett, B. P., & \*Edwards-Bowyer, M. E. (2016). The SETT framework: SETTING the classroom for communication success. *DADD Online Journal: Research to Practice – Special Issue*, 3(1), 108-122.
- Da Fonte, M. A., **Boesch, M. C.**, \*Edwards-Bowyer, M. E., \*Restrepo, M. W., \*Bennett, B. P., & Diamond, G. P. (2016). A 3-step reinforcer identification framework: A step-by-step process. *Education and Treatment of Children*, 39(3), 389-409.
- Scopus CiteScore 2018 = 1.12; CiteScore Rank – 65<sup>th</sup> %
- Diamond, G. P., Da Fonte, M. A., & **Boesch, M. C.** (2016). I am working for \_\_\_\_: Successfully using token reward systems. *Journal of the International Association of Special Education*, 16(1), 73-76.
- Boesch, M. C.**, Taber-Doughty, T., Wendt, O., & \*Smalts, S. (2015). Using a behavioral approach to decrease self-injurious behavior in an adolescent with severe autism: A data-

based case study. *Education and Treatment of Children*, 38(3), 305-328.  
doi:10.1353/etc.2015.0012

- Scopus CiteScore 2018 = 1.12; CiteScore Rank – 65<sup>th</sup> %

**Boesch, M. C., & Da Fonte, M. A. (2014).** Best practices for assessing communication skills prior to preference assessments for students with severe developmental disabilities. *Evidence-Based Practice Briefs*, 9(3), 1-9.

**Boesch, M. C., Wendt, O., Subramanian, A., & Hsu, N. (2013).** Comparative efficacy of the Picture Exchange Communication System (PECS) versus a speech-generating device: Effects on requesting skills. *Research in Autism Spectrum Disorders*, 7, 480-493. doi: 10.1016/j.rasd.2012.12.002

- Scopus CiteScore 2018 = 2.17; CiteScore Rank – 71<sup>st</sup> %

**Boesch, M. C., Wendt, O., Subramanian, A., & Hsu, N. (2013).** Comparative efficacy of the Picture Exchange Communication System versus speech-generating device: Effects on social-communicative behavior and speech. *Augmentative and Alternative Communication*, 29(3), 197-209. doi: 10.3109/07434618.2013.818059

- Scopus CiteScore 2018 = 3.35; CiteScore Rank – 93<sup>rd</sup> %

Wendt, O., & **Boesch, M. C. (2010).** Systematic review documents PECS effectiveness for exchanged-based outcome variables, but effects on speech, social or challenging behavior remain unclear. *Evidence-Based Communication Assessment and Intervention*, 4, 55-61. doi: 10.1080/17489531003771753

- Scopus CiteScore 2018 = 0.19; CiteScore Rank – 48<sup>th</sup> %

**Boesch, M. C. (2010).** Using the EVIDAAC Systematic Review Scale to guide the process of conducting a systematic review. In D. Lage (Ed.), *Theoretical and Methodological Issues in Research on Augmentative and Alternative Communication*. International Society for Augmentative and Alternative Communication [ISAAC] (pp. 120-148). Toronto, Canada.

**Boesch, M. C. & Wendt, O. (2009).** Reducing self-injurious behaviors in individuals with autism: Benefits of functional communication training. *Evidence-based Practice (EBP) Briefs*, 4, 1-11.

### **Books:**

Da Fonte, M. A., & **Boesch, M. C. (2018).** *Implementing effective augmentative and alternative communication practices for students with complex communication needs: A handbook for school-based practitioners*. New York, NY: Routledge.

### **Book Chapters:**

- Da Fonte, M. A., **Boesch, M. C.**, & Clouse, K. A. (2020). Aided communication systems: Using assistive technology to support individuals with complex communication needs. In D. Chambers (Ed.), *Assistive technology to support inclusive education*. Emerald.
- Da Fonte, M. A. & **Boesch, M. C.** (2017). Bolivarian Republic of Venezuela. In M. L. Wehmeyer & J. R. Patton (Eds.), *The Praeger international handbook of special education* (pp. 207-222). Santa Barbara, CA: Praeger.

### **Manuscripts Submitted for Publication:**

- \*Cowan, A., & **Boesch, M. C.** (submitted). Texas special education teachers self-reported use of research-supported practices for students with autism. *Journal of the American Academy of Special Education Professionals*.
- Da Fonte, M. A., **Boesch, M. B.**, Holmes, E. E., DeLuca, E. R., Papp, S. K., Mohler, A. E., Clouse, K. A., Young, R. D., & Urbano, R. (revise & resubmit). Current preparation in augmentative and alternative communication: A perspective of special education teachers in the United States. *Augmentative and Alternative Communication*.
- \*Feldman, S., & **Boesch, M. B.** (under review). Caregiver applications of trial-based functional analysis procedures in the home. *Focus on Autism and Other Developmental Disabilities*.

### **Manuscripts In-Preparation:**

- \*Anderson, C., & **Boesch, M. B.** (in preparation). How to combat bullying with Comic Strip Conversations: Teaching individuals with autism spectrum disorder.
- \*Anderson, C., & **Boesch, M. B.** (in preparation). Using Kidpower social narratives to teach individuals with autism about bullying.
- Boesch, M. B.**, Begley, E., Blackstone, S., & Hernandez, M. (in preparation). Disaster relief for AAC users in Texas and the Southern U.S. Territories: Lessons learned and steps to take for clinicians, clients, and partners.
- Boesch, M. B.**, Da Fonte, M. A., Wolfe, N. P., & Young, R. D. (in preparation). Choices and more choices! Using a feature matching decision-making matrix to identify a communication system.
- Boesch, M. B.**, Da Fonte, M. A., & Holmes, E. (in preparation). Identifying app evaluation systems to support individuals with developmental disabilities: A scoping review.
- Da Fonte, M. A., **Boesch, M. B.**, Deluca, E., Sheridan, E., & Cavagnini, M. (in preparation). The assessment process of Apps: How to effectively identify communication apps

Da Fonte, M. A., **Boesch, M. B.**, Sheridan, E., Mohler, A., & Cavagnini, M.(in preparation). The impact of AAC on the family: A systematic literature review.

Da Fonte, M. A., **Boesch, M. B.**, Papp, S., & Mohler, A. (in preparation). Perspectives of Tennessee special educators on AAC and AT.

\*Robertson, R., & **Boesch, M. B.** (in preparation). Effects on the use of technology-based self-monitoring for students with autism spectrum disorder: A meta-analysis.

## FUNDED GRANTS

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|-----------|---|
| 2017-2018 | Carnett, A. (PI), Mehta, S., & Boesch, M. C. (\$1,500). <i>Effects of video peer modeling vs. self-modeling on functional communication and problem behavior of children with autism</i> . Micro Grant Mentoring Program, University of North Texas Faculty Success.                      |
| 2013-2018 | Mehta, S. (PI), Boesch, M. C., Callahan, K., & Combes, B. (\$1,247,881). <i>Project STArT: Systematic Training of Autism Teachers</i> . Office of Special Education Programs, U.S. Department of Education.   |
| 2016      | Boesch, M. C. (\$1,500). <i>8-Week Course Design Institute</i> . Center for Learning Enhancement, Assessment, and Redesign, University of North Texas.  |
| 2014-2015 | Boesch, M. C. (\$500). <i>TII Community of Practice</i> [Course: <i>EDSP 5310 – Introduction to ASD</i> ]. Center for Learning Enhancement, Assessment, and Redesign, University of North Texas.  |
| 2013-2014 | Boesch, M. C. (\$1,250). <i>Faculty mentoring for the purpose of fostering AAC research collaborations and visibility within the field</i> . Micro Grant Mentoring Program, University of North Texas Faculty Success.  |
| 2013      | Boesch, M. C., Mehta, S., & Callahan, K. (\$7,499). <i>Parent training on iPad technology for underserved children with autism</i> . Research Initiation Grant, University of North Texas.  |
| 2012      | Boesch, M. C. (\$5,000). <i>iPad technology for nonfunctional communicators with autism: Assessing manual reliability across parents and educators</i> . University of North Texas Junior Faculty Summer Research Fellowship.   |
| 2010-2011 | Boesch, M. C., & Wendt, O. (\$10,000). <i>Augmentative and alternative communication in autism: A comparison of the Picture Exchange Communication System and speech-output technology</i> . Midwest Crossroads Alliance for Graduate Education and the Professoriate, Purdue University. |

- 2010-2011 Boesch, M. C. (\$18,935). Augmentative and alternative communication in autism: A comparison of the Picture Exchange Communication System and speech-output technology. The Bilsland Dissertation Fellowship, Purdue University.
- 2010-2011 Boesch, M. C., & Wendt, O. (\$18,000). *Do replacement behaviors impact the effectiveness of functional communication training (FCT)? Using a multi-element design to compare graphic symbols versus manual signs*. Purdue Research Foundation (PRF), Purdue University.
- 2010 Wendt, O., Boesch, M. C., & Subramanian, A. (\$10,000). *Combining exchange based communication intervention and speech output technology to enhance communicative development in children with autism*. Indiana Clinical and Translational Science Institute
- 2008 Boesch, M. C. (\$500). *Providing functional communication training services to children with severe autism*. Purdue Student Grant Program for Community Service/Service Learning Projects.
- 2007-2008 Wendt, O., & Boesch, M. C. (\$20,000). *The effectiveness of functional communication training for children with autism: A comparative efficacy study on the impact of different replacement behaviors*. Clifford Kinley Trust, Purdue University.
- 2006-2007 Boesch, M. C. (\$300). *Using functional communication training to reduce aggressiveness in individuals with autism: A systematic review*. College of Education Dean's Graduate Student Support Program, Purdue University.

### **Non-Funded Grants:**

- Boesch, M. B. (PI), Mehta, S., & Callahan, K. (2013; \$414,945). Empowering children with autism to communicate via iPad through Parent Training. National Institutes of Health [Academic Research Enhancement Award - R15].
- Mehta, S. (PI), Boesch, M. B., & Callahan, K. (2012; \$1,300,000). Project QUEST-A (Highly Qualified Teachers in Autism). Office of Special Education Programs, U.S. Department of Education.
- Boesch, M. B. (PI), Mehta, S., & Callahan, K. (2012; \$7,498). Are these procedures Explicit? Assessing the reliability of a treatment manual across educators and parents of children with autism. Research Opportunity Grant, University of North Texas.
- Boesch, M. B. (PI), & Mehta, S. (2011; \$4,177). Using technology to resemble hands-on teaching approaches for Special Education online curriculum. Center for Learning Enhancement, Assessment, and Redesign, University of North Texas.

Boesch, M. B. (PI), Mehta, S., & Callahan, K. (2011; \$7,500). Using iPad technology with Hispanic children with autism. Research Initiation Grant, University of North Texas.

## **RESEARCH PRESENTATIONS (peer-reviewed)**

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### **International:**

**Boesch, M. C., & Da Fonte, M. A.** (2016, January). *AAC pre-service teacher training: The past and future trends*. Poster presented at the Division of Autism and Developmental Disabilities, 17<sup>th</sup> International Conference on Autism, Intellectual Disability and Developmental Disabilities, Honolulu, Hawaii.

**Boesch, M. C., & Da Fonte, M. A.** (2016, January). *Preference assessments: How to accurately identify reinforcers for students who are challenging to assess*. Poster presented at the Division of Autism and Developmental Disabilities, 17<sup>th</sup> International Conference on Autism, Intellectual Disability and Developmental Disabilities, Honolulu, Hawaii.

Da Fonte, M. A., & **Boesch, M. C.** (2016, January). *Enhancing participation in the classroom setting: Implementing the SETT model*. Paper presented at the Division of Autism and Developmental Disabilities, 17<sup>th</sup> International Conference on Autism, Intellectual Disability and Developmental Disabilities, Honolulu, Hawaii.

**Boesch, M. C., Da Fonte, M. A., & Douthwaite, C.** (2014, July). *AAC training: The current trends in teacher preparation programs*. Paper presented at the International Convention of the Division of International Special Education and Services, Braga, Portugal.

**Boesch, M. C., Da Fonte, M. A., & Diamond, G.** (2014, July). *Evaluating reinforcer assessments: A systematic literature review*. Paper presented at the International Convention of the Division of International Special Education and Services, Braga, Portugal.

Da Fonte, M. A, **Boesch, M. C., & Douthwaite, C.** (2014, July). *Enhancing AAC use in the classroom: Setting the stage for success*. Paper presented at the International Convention of the Division of International Special Education and Services, Braga, Portugal.

Da Fonte, M. A, **Boesch, M. C., & Diamond, G.** (2014, July). *How do I encourage student engagement? Identifying reinforcers for students with exceptionalities*. Paper presented at the International Convention of the Division of International Special Education and Services, Braga, Portugal.

\*Stephens, L., & **Boesch, M. C.** (2012, August). *Parents as AAC trainers for individuals with complex communication needs: A systematic review*. Poster presented at the Biennial Conference of the International Society for Augmentative and Alternative Communication, Pittsburgh, PA.

Wendt, O., Hsu, N., **Boesch, M. C., & Subramanian, A.** (2012, August). *Effects of speech-generating devices and iPads infused into exchange-based communication for children*

*with severe autism*. Paper presented at the Biennial Conference of the International Society for Augmentative and Alternative Communication, Pittsburgh, PA.

Wendt, O., **Boesch, M. C.**, Subramanian, A., Hsu, N., & Johnstone, K. M. (2012, May), *Infusing speech output technology into the Picture Exchange Communication System for children with autism*. Paper presented at the International Meeting for Autism Research, Toronto, Ontario, Canada.

Wendt, O., **Boesch, M.C.**, Subramanian, A., Hsu, N., & Johnstone, K.M. (2011, September). *Combining exchange-based communication with speech-output Technology: A series of experimental investigations*. Paper presented at the Communication Matters National Conference (United Kingdom Society for Augmentative and Alternative Communication), University of Leicester, United Kingdom.

Schlosser, R. W., Wendt, O., & **Boesch, M. C.** (2009, May). *Not all reviews are created equal: An overview of appraisal methods*. Paper presented at the Fifth International Conference of the Association for Behavior Analysis International, Oslo, Norway.

**Boesch, M. C.** (2008, August). *Using Functional Communication Training to reduce aggressive behaviors in autism: A systematic review*. Paper presented at the Thirteenth Biennial Conference of the International Society for Augmentative and Alternative Communication Research Symposium, Montreal (Quebec), Canada.

**Boesch, M. C.**, & Wendt, O. (2008, August). *The effectiveness of Functional Communication Training for children with autism: A comparative efficacy study on the impact of different replacement behaviors*. Poster presented at the Thirteenth Biennial Conference of the International Society for Augmentative and Alternative Communication, Montreal (Quebec), Canada.

### **National:**

Da Fonte, M. A., DeLuca, E., Sheridan, E., & **Boesch, M. B.** (2021, March). *Using a communication app evaluation tool: Improving the selection*. Poster to be presented at the Annual Convention of the Council for Exceptional Children.

DeLuca, E., Da Fonte, M. A., & **Boesch, M. B.** (2021, March). *Student-centered approaches in the identification of communication systems*. Poster to be presented at the Annual Convention of the Council for Exceptional Children.

**Boesch, M. C.**, & Begley, E. (2020, April). *Supporting individuals with complex communication needs before, during, and after a disaster*. Paper accepted for the 2020 Preparedness Summit of the National Association of County and City Health Officials, Dallas, TX. [Travel cancelled due to Covid pandemic]

**Boesch, M. C.**, & Da Fonte, M. A. (2020, February). *The importance of feature matching: An evaluation of the literature*. Poster presented at the Annual Convention of the Council for Exceptional Children, Portland, OR.

- Da Fonte, M. A., & **Boesch, M. B.** (2020, February). *AAC apps for students with complex communication needs: Which is the best?* Poster presented at the Annual Convention of the Council for Exceptional Children, Portland, OR.
- Da Fonte, M. A., **Boesch, M. C.**, Wolfe, N., & Young, R. (2019, January). *AAC apps: Using a feature matching evaluation tool.* Poster presented at the Annual Convention of the Council for Exceptional Children, Indianapolis, IN.
- Boesch, M. C.**, Da Fonte, M. A., & Rawden, S. (2019, February). *A teacher's guide to embedding AAC in the classroom.* Poster presented at the Annual Convention of the Council for Exceptional Children, Indianapolis, IN.
- Da Fonte, M. A., & **Boesch, M. B.** (2018, February). *A step-by-step process in designing IEPs for students with complex communication needs.* Paper presented at the Annual Convention of the Council for Exceptional Children, Tampa, FL.
- Boesch, M. C.**, & Da Fonte, M. A. (2015, April). *Making a case for 2- or 3-step preference assessments: Which is better?* Poster presented at the Annual Convention of the Council for Exceptional Children, San Diego, CA.
- Da Fonte, M. A., & **Boesch, M. C.** (2015, April). *Using the SETT model in the classroom setting: Increasing communication and participation.* Poster presented at the Annual Convention of the Council for Exceptional Children, San Diego, CA.
- Boesch, M. C.**, Da Fonte, M. A., & Douthwaite, C. (2014, November). *AAC in special education teacher preparation programs: Current status and future needs.* Poster presented at the Annual Convention of the American Speech-Language-Hearing Association, Orlando, FL.
- Wendt, O., **Boesch, M. C.**, Hsu, N., Simon, K., Warner, K., & \*Robertson, R. (2014, November). *Models of parent-implemented AAC intervention for children with severe autism.* Paper presented at the Annual Convention of the American Speech-Language-Hearing Association, Orlando, FL.
- Boesch, M. C.**, Da Fonte, M. A., Diamond, G., & \*Belfy, A. (2014, April). *Identifying reinforcers for students with special needs: A systematic literature review.* Poster presented at the Annual Convention of the Council for Exceptional Children, Philadelphia, PA.
- Da Fonte, M. A., **Boesch, M. C.**, & Douthwaite, C. (2014, April). *Training the trainers: What every special education practitioner should know about AAC.* Paper presented at the Annual Convention of the Council for Exceptional Children, Philadelphia, PA.
- Boesch, M. C.**, Wendt, O., Subramanian, A., Hsu, N., & Johnstone, K. M. (2012, April). *Increasing communication skills with PECS and speech-output technology for children*

- with autism*. Paper presented at the Annual Convention of the Council for Exceptional Children, Denver, CO.
- Wendt, O., **Boesch, M. C.**, Subramanian, A., Hsu, N., & Johnstone, K. M. (2011, November). *Infusing SGDs and iPads into exchange-based communication for learners with autism*. Paper presented at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA.
- Boesch, M. C.** (2011, March). *AAC in autism: A comparison of PECS and speech output technology*. Paper presented at the Annual Conference of the International Technology and Persons with Disabilities, San Diego, CA.
- Wendt, O., **Boesch, M. C.**, Subramanian, A., Hsu, N., & Johnstone, K. (2010, November). *Moving from PECS to SGDs in AAC intervention for autism*. Paper presented at the Annual Convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
- Boesch, M. C.**, Taber-Doughty, T., & Wendt, O. (2010, May). *Reducing self-injurious behaviors in a middle-school student with autism: A single-case study*. Poster presented at the Annual Convention of the Association for Behavior Analysis International, San Antonio, TX.
- Boesch, M. C.**, & Wendt, O. (2010, April). *Benefits of functional communication training in reducing self-injurious behaviors: A brief report*. Poster presented at the Annual Convention of the Council for Exceptional Children, Nashville, TN.
- Boesch, M. C.**, Taber-Doughty, T., & Wendt, O. (2009, November). *Reducing self-injurious behaviors through Functional Communication Training: A single-case study*. Poster presented at the Annual Convention of the American Speech-Language-Hearing Association, New Orleans, LA.
- Wendt, O., Schlosser, R. W., **Boesch, M. C.**, Chae, S., Tan, M., & Zhang, D. (2009, November). *Reporting of treatment integrity in ASHA journals: A systematic review*. Poster presented at the Annual Convention of the American Speech-Language-Hearing Association, New Orleans, LA.
- Boesch, M. C.**, & Wendt, O. (2009, May). *Do replacement behaviors impact the effectiveness of Functional Communication Training? Manual signs versus graphic symbols*. Poster presented at the Annual Convention of the Association for Behavior Analysis International, Phoenix, AZ.
- Chacon, M.**, Wendt, O., & Lloyd, L. L. (2006, November). *Using Functional Communication Training to reduce aggressive behaviors in autism*. Technical paper presented at the Annual Convention, American Speech-Language-Hearing Association, Miami, FL.

**Chacon, M., & Wendt, O.** (2006, January). *Outcomes of Functional Communication Training (FCT) to reduce challenging behaviors in individuals with autism: Using speech, manual signs, and symbols as replacement behaviors*. Poster presented at the Seventh Annual Conference of the Division on Augmentative and Alternative Communication, American Speech-Language-Hearing Association, San Antonio, TX.

### **State:**

Begley, E., **Boesch, M. C.**, & Thiessen, A. L. (2019, March). *People who use AAC during natural disasters: Lessons from Hurricane Harvey*. Paper presented at the Annual Convention of the Texas Speech-Language-Hearing Association, Fort Worth, TX.

**Boesch, M. C.**, Da Fonte, M. A., & \*Feldman, S. (2015, June). *Helping students with disabilities communicate: An AAC guide for teachers*. Poster presented at the Annual Convention of the Texas Council for Exceptional Children, Fort Worth, TX.

Da Fonte, M. A., \*Dodd, R., \*Bennett, B. P., \*Edwards, M., & **Boesch, M. C.** (2015, December). *SETting the classroom for communication success!* The 10<sup>th</sup> Annual Tennessee Association for Assistive Technology (TAAT) Conference. Franklin, TN.

Da Fonte, M. A., **Boesch, M. C.**, \*Paranczak, J., \*Restrepo, M., & \*Wilson, J. (2015, December). *A comparison between APPs and forms: Evaluating reinforcers assessments*. The 10<sup>th</sup> Annual Tennessee Association for Assistive Technology (TAAT) Conference. Franklin, TN.

Da Fonte, M. A., **Boesch, M. C.**, & Douthwaite, C. (2013, October). *What am I supposed to do? Introducing AAC in the classroom setting*. Paper presented at the Conference of the Tennessee Council for Exceptional Children, Nashville, TN.

Wendt, O., **Boesch, M. C.**, Subramanian, A., Hsu, N., & Johnstone, K. (2011, June). *Infusing speech output technology into the Picture Exchange Communication System for children with autism*. Poster presented at the Symposium on Research in Child Language Disorders, Madison, WI.

### **Regional/Local:**

**Boesch, M. C.**, & Da Fonte, M. A. (2017, July). *Rubrics, rubrics, and more rubrics: APPraising instructional communication supports*. Paper presented at the 7<sup>th</sup> Annual Adventures in Autism Intervention and Research Conference, Denton, TX.

Da Fonte, M. A., & **Boesch, M. C.** (2017, July). *Augmentative and Alternative Communication for special education teachers: Understanding key components*. Paper presented at the 7<sup>th</sup> Annual Adventures in Autism Intervention and Research Conference, Denton, TX.

Mehta, S., **Boesch, M. C.**, Carnett, A., & Nichols, S. (2017, July). Implementing evidence-based practices (EBPs) for individuals with autism in public schools. Panel presentation at the 7<sup>th</sup> Annual Adventures in Autism Intervention and Research Conference, Denton, TX.

- Boesch, M. C.,** Da Fonte, M. A., & \*Feldman, S. (2015, July). *Guiding special education teachers to increase AAC opportunities in the classroom*. Paper presented at the 7<sup>th</sup> Annual Adventures in Autism Intervention and Research Conference, Denton, TX.
- Boesch, M. C.,** & Da Fonte, M. A. (2013, July). *Augmentative and Alternative Communication for special education teachers: Understanding key components*. Paper presented at the 5<sup>th</sup> Annual Adventures in Autism Intervention and Research Conference, Denton, TX.
- Boesch, M. C.** (2012, July). *How does the Proxtalker speech-generating device compare to PECS?* Paper presented at the 4<sup>th</sup> Annual Adventures in Autism Intervention and Research Conference, Denton, TX.
- Boesch, M. C.** (2010, March). *Treating self-injurious behaviors in an adolescent with severe autism*. Poster session presented at the 4<sup>th</sup> Annual Graduate Student Educational Research Symposium, West Lafayette, IN.

### **INVITED PRESENTATIONS**

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- Boesch, M. C. (2013, August). *First Day of Class: What I Wish I Would've Known and How to Prepare*. UNT Teaching Excellence Seminar, Denton, TX
- Boesch, M. C. (2010, November). *The Efficacy and Use of the Logan ProxTalker: A Speech-Generating Device for Individuals with Autism*. Purdue University, West Lafayette, IN.
- Boesch, M. C. (2010, November). *AAC Implications for Teachers*. Purdue University, West Lafayette, IN.
- Boesch, M. C. (2010, August). *Graphing Single-Subject Research Designs*. Purdue University, West Lafayette, IN.
- Boesch, M. C. (2008, October). *Positive Behavioral Support*. Purdue University, West Lafayette, IN.
- Chacon, M. (2006, November). *Augmentative & Alternative Communication*. Purdue University, West Lafayette, IN.
- Chacon, M. (2006, November). *Communication disorders*. Purdue University, West Lafayette, IN.
- Chacon, M. (2006, March). *Augmentative & Alternative Communication*. Purdue University, West Lafayette, IN.
- Chacon, M. (2006, March). *Communication disorders*. Purdue University, West Lafayette, IN.
- Chacon, M. (2006, April). *Characteristics of children with severe disabilities*. Purdue University, West Lafayette, IN.

## HONORS - AWARDS

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2020	Outstanding Service Award, College of Education, UNT
2020	Nominated for Faculty Service Award, Department of Educational Psychology
2018	Nominated for President's Council Teaching Award, UNT
2018	Honors Day Recognition on behalf of Chelsi Anderson, a recipient of Excellence in Doctoral Student Engagement in Special Education
2018	Honors Day Recognition on behalf of Amy Foxman, a recipient of Excellence in Doctoral Academic Achievement in Special Education
2018	Honors Day Recognition on behalf of Alexa Mata, a recipient of Undergraduate Academic Excellence in Special Education
2017	Honors Day Recognition on behalf of Chelsi Pruitt, a recipient of Excellence in Professionalism - EDSP
2017	Faculty Teaching Excellence Award, College of Education, UNT
2016	Honors Day Recognition on behalf of Reena Bhargava, a recipient of Excellence in Leadership - EDSP
2016	Nominated for Faculty Teaching Award, Department of Educational Psychology
2015	Nominated for Faculty Teaching Award, Department of Educational Psychology
2014	Junior Faculty Research Award, College of Education, UNT
2012	Travel Award to attend the NIH Regional Seminar, Office of Research and Economic Development & UNT College of Education
2011	Outstanding Dissertation Award, College of Education, Purdue University
2011	Dissertation Award, Department of Educational Studies, Purdue University
2010-11	Travel Award, Midwest Crossroads Alliance for Graduate Education and the Professoriate
2010	Travel Award, Purdue Graduate Student Government
2009	Society for the Advancement of Behavior Analysis Senior Student Presenter grant award, Association for Behavior Analysis International Convention
2006-11	College of Education Travel Award, Purdue University
2006-11	Travel Award, Associate Dean for Learning and Engagement, Purdue University
2006	Student Research Presenter Award, American Speech-Language Hearing Assoc.
2000-02	Golden Key National Honor Society, Texas Tech University

## JOURNAL EXPERIENCE

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### Editorial Board:

2014--	Teaching Exceptional Children
2014--	Communication Disorders Quarterly

### Ad-Hoc Reviewer:

2013-21	Augmentative and Alternative Communication
2015-21	Journal of International Special Needs Education
2016-20	Journal of Special Education Technology
2015-19	Journal of Developmental and Physical Disabilities
2019	Autism and Developmental Language Impairments
2016-17	International Journal of Developmental Disabilities

2013-17	International Journal of Language and Communication Disorders
2015-16	Journal of Speech, Language, and Hearing Research
2013-16	Journal of Autism and Developmental Disorders
2014	Article Editor, SAGE Open
2014	Pediatric Health, Medicine and Therapeutics
2013	Research in Autism Spectrum Disorders
2013	Research in Developmental Disabilities
2010-11	Evidence Based Practice Briefs

## PROFESSIONAL AFFILIATIONS

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2014--	CEC Division of International Special Education and Services
2012--	American Speech-Language Hearing Association <ul style="list-style-type: none"> <li>- Division 12: Augmentative and Alternative Communication</li> </ul>
2006--	Council for Exceptional Children <ul style="list-style-type: none"> <li>- Division on Autism and Developmental Disabilities</li> <li>- Division for Research</li> <li>- Teacher Education Division</li> </ul>
2005--	International Society for Augmentative and Alternative Communication
2005--	United States Society for Augmentative and Alternative Communication
2019	Texas Speech-Language-Hearing Association
2008-17	Association for Behavior Analysis International
2006-16	Autism Society of America
2005-11	National Student Speech-Language-Hearing Association <ul style="list-style-type: none"> <li>- Volunteer, 2006 ASHA Convention, Miami, FL</li> </ul>
2004-05	Texas Classroom Teachers Association

## WORKSHOPS/CONSULTATION SERVICES

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Boesch, M. C. (2015, summer). Served as a consult for CLEAR pertaining to implementing a Universal Course Design approach in designing an online course; made recommendations for assisting faculty in making content accessible.

Wendt, O., Boesch, M. C., Courtney, T., Nigam, R., & Philpott, K. (2014, May). *Augmentative and alternative communication in autism: Evidence-based strategies to enhance communication and remediate challenging behavior*. Workshop presented at the Annual Convention of the Association for Behavior Analysis International, Chicago, IL.

Boesch, M. C., & \*Robertson, R. (2013, June). *Parent training on iPad technology for underserved children with ASD*. Workshop, University of North Texas, Denton, TX.

Boesch, M. C. (2010, October). *Facilitating communication through AAC*. Workshop, Rensselaer Cooperative School Services, IN.

Wendt, O., Boesch, M. C., & Nigam, R. (2010, May). *Augmentative and alternative communication in autism: Evidence-based strategies to enhance communication and*

*remediate challenging behavior.* Workshop at the Annual Convention of the Association for Behavior Analysis International, San Antonio, TX.

Wendt, O., Nigam, R., & Boesch, M. C. (2009, June). *Autism Spectrum Disorders: Evidence-Based AAC Interventions* Workshop, Governors State University, University Park, IL.

## **COURSES TAUGHT**

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### **University of North Texas**

- EDSP 6520: Biomedical Aspects of Autism
- EDSP 6270: Analysis of Trends, Issues and Research in Special Education
- EDSP 5670: Teaching Social Skills to Children and Youth with Disabilities
  - *created an INET version; approved by CLEAR as meeting quality standards*
- EDSP 5350: Educational Programming for Students with Autism Spectrum Disorder
  - *Revamped INET course as part of CLEAR's Teaching Initiative Summer Program*
- EDSP 5330: Classroom and Behavior Management Strategies
- EDSP 5310: Introduction to Autism Spectrum Disorder
- EDSP 5240: Collaboration with Parents, Paraeducators and Professionals
- EDSP 4340: Classroom and Behavior Management Strategies for Exceptional Learners
- EDSP 3210: Educational Aspects of Exceptional Learners

### **Purdue University**

- EDPS 0265: The Inclusive Classroom
- EDPS 235S: Learning and Motivation

## **GRADUATE STUDENTS ADVISED**

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### **Doctoral Committees Chaired:**

#### **Current**

- Foxman, Amy: *Using behavioral skills training to teach fire safety evacuation skills to children with autism* [Exp. Proposal defense Spring 2021]
- Roberts, Caroline: *Diagnosis and treatment of autism spectrum disorders: Experiences of Caribbean immigrant parents living in the United States* [Exp. Diss. defense Summer 2021]

#### **Graduated**

- Anderson, C.(2020). *Using Kidpower social narratives to teach individuals with autism about bullying* [Unpublished doctoral dissertation]. University of North Texas.
- Hur, S. (2019). *The effects of participant motivation on the effectiveness of video modeling* [Unpublished doctoral dissertation]. University of North Texas.
- Robertson, R. (2019). *Effects on the use of technology-based self-monitoring for students with autism spectrum disorder: A meta-analysis* [Unpublished doctoral dissertation]. University of North Texas.

- Feldman, S. (2018). *Measurement of fidelity and social validity: Caregiver application of trial-based functional-analysis procedures* [Unpublished doctoral dissertation]. University of North Texas.
- Kliemann, K. (2018). *Use of direct instruction with graphic organizers for building comprehension in students on the autism spectrum* [Unpublished doctoral dissertation]. University of North Texas.
- Cowan, A. (2016). *Special education teachers use of evidence-based practices for students with autism in Texas public schools* [Unpublished doctoral dissertation]. University of North Texas.

#### **Current Doctoral Students Mentored:**

- Baffoe, Edward (working on core exams, Spring 2021)
- Huerta, Marisol (working on core exams, Spring 2021)

#### **Doctoral Committees – Member:**

##### Current

- Agarwal, Sarah: *Counseling and Higher Education*
- Barron, Will: *Special Education (Autism)*
- Dejong, Trey: *Research, Measurement, and Statistics*
- Haq, Summayia: *Educational Leadership*
- Lopez, Mark: *Human Development and Family Studies*

##### Graduated

- Bishop, Audra: *Human Development and Family Studies* (Fall 2020)
- Bishop, James: *Gifted and Talented* (Fall 2017)
- Etheridge, Lauri: *Human Development and Family Studies* (Spring 2015)
- Farr, Debbie: *Human Development and Family Studies* (Spring 2014)
- Gardner, Janet: *Research, Measurement, and Statistics* (Spring 2014)
- Glaman, Ryan: *Research, Measurement, and Statistics* (Summer 2017)
- Hutchinson, Jessica: *Human Development and Family Studies* (Fall 2020)
- Johnson, Casey: *Research, Measurement, and Statistics* (Summer 2018)
- Kabakci, Maside: *Research, Measurement, and Statistics* (Summer 2019)
- Myer, Melanie: *Gifted and Talented* (Spring 2021)
- Puryear, Jeb: *Gifted and Talented* (Spring 2016)
- Sanguras, Laila: *Research, Measurement, and Statistics* (Spring 2017)
- Stafford, Mehary: *Research, Measurement, and Statistics* (Summer 2016)
- Terry, Callie: *Special Education (Autism)* (Summer 2015)
- Turner, Heather: *Research, Measurement, and Statistics* (Spring 2015)
- Verdin, Azucena: *Human Development and Family Studies* (Fall 2019)
- Wei, Min: *Research, Measurement, and Statistics* (Summer 2014)
- Wu, Minwei: *Human Development and Family Studies* (Fall 2018)

## **Master's Thesis Committees – Member:**

### **Current**

- DeLuca, Emily: *Special Education (Severe Disabilities), Vanderbilt University*
- Sheridan, Emily: *Special Education (Severe Disabilities), Vanderbilt University*

### **Graduated**

- Wolfe, Nicole: *Special Education (Severe Disabilities), Vanderbilt University* (Spring 2020)
- Young, Rachel: *Special Education (Severe Disabilities), Vanderbilt University* (Spring 2020)

## **SERVICE to the UNIVERSITY**

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2020-2022	Executive Faculty Senator, UNT
2016-2022	Group VI Representative, Faculty Senate, UNT
2016-2022	Member, Committee on Faculty Participation in Governance, UNT
2020-2021	Member, Doctoral Policy Committee, Dept. of Educational Psychology, UNT
2016-2021	Member, Merit-Awards Committee, Dept. of Educational Psychology, UNT
2020-2021	Member, Faculty Advisory Committee, Dept. of Educational Psychology, UNT
2014-2020	Autism Intervention Steward, M.Ed. and Graduate Academic Certificate
2019-2020	Member, Research, Measurement, and Statistics Faculty Search Committee, Dept. of Educational Psychology, UNT
2019	Leadership Committee, Enabling Health Technologies Summit
2018-2019	Chair, Merit-Awards Committee, Dept. of Educational Psychology
2017-2018	Chair, Special Education-High Incidence Faculty Search Committee, Dept. of Educational Psychology, UNT
2016--	Autism Ambassadors, UNT
2016-2017	Member, Special Education-High Incidence Faculty Search Committee, Dept. of Educational Psychology, UNT
2016	Faculty Representative, Learning Management System Technology Committee, CLEAR, UNT
2015-2016	Member, Dean Search Committee, College of Education, UNT
2015-2016	Member, Human Development/Family Science Faculty Search Committee, Dept. of Educational Psychology, UNT
2015	Member, Gifted Education Faculty Search Committee, Dept. of Educational Psychology, UNT
2012-2015	Member, Master's Policy Committee, Dept. of Educational Psychology, UNT
2013-2014	Member, Special Education Lecturer Search Committee, Dept. of Educational Psychology, UNT
2011	Member, Gifted Education Faculty Search Committee, Dept. of Educational Psychology, UNT
2010	Member, Curriculum and Graduate Committee, Purdue University
2010	Peer Reviewer, Graduate Student Government Travel Grants, Purdue University
2009-2010	Peer Reviewer, 4th Annual Graduate Student Education Research Symposium, Purdue University
2009-2010	Member, Graduate Student Research Symposium Committee, Purdue University

2009-2010	Treasurer, Graduate Student Education Council, Purdue University
2009-2010	Representative, Student Council for Exceptional Children, Purdue University
2009-2010	Treasurer, Graduate Student Organization in Educational Studies, Purdue University
2005-2006	Member, Special Education Faculty Search Committee, Purdue University

## **SERVICE to the PROFESSION**

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2017-21	Member, AAC Disaster Relief Committee, U.S. Society of Augmentative and Alternative Communication
2017, 19-20	Proposal Reviewer, International Society for Augmentative and Alternative Communication
2018	SAGE Digital Content creator (Activities, Readings, Media), Essa. <i>Introduction to early childhood education</i> (8 <sup>th</sup> ed.). Thousand Oaks, CA: Sage.
2017	SAGE Digital Content creator (PowerPoints), LaBarbera, R. <i>Educating students with autism spectrum disorder</i> . Thousand Oaks, CA: Sage.
2014-16	AAC Review Board, American Speech-Language-Hearing Association Convention
2015	Interview – <i>Raising Children with Autism</i> , WFAA News 8, Dallas, TX ( <a href="http://www.wfaa.com/videos/news/health%20/2015/07/25/3066064">http://www.wfaa.com/videos/news/health%20/2015/07/25/3066064</a> )
2014	Proposal Reviewer, Council for Exceptional Children - Teacher Education Division Conference
2014	Book Reviewer, Haney, M. R. <i>Understanding children with autism spectrum disorders: Educators partnering with families</i> . Thousand Oaks, CA: Sage.
2012	Chapter Reviewer; Scheuermann, B. S. & Webber, J. Reducing Challenging Behavior. In <i>Autism: Teaching does make a difference</i> . Cengage Learning.
2012	Proposal Reviewer, Texas Autism Research Conference