

Sanikan Wattanawongwan, Ph.D., BCBA-D, LBA

Research Scientist, Special Education Program
Department of Educational Psychology, School of Education & Human Development
Texas A&M University, College Station, TX, USA

Adjunct Professor, Applied Behavior Analysis Program
College of Education and Human Development
Texas A&M University San Antonio, San Antonio, TX, USA

Office: 633 Harrington Tower
4225 TAMU, College Station, TX 77843
Phone: (361)510-6807
E-mail: swattanawongwan@tamu.edu
ORCID#: 0000-0003-3479-5369

PROFESSIONAL GOALS

- *Contribute knowledge of evidence-based practices to support in special education through research and practice across difference countries*
- *Enhance equality in educational opportunities through research and practice*

AREAS OF RESEARCH INTEREST

- Using applied behavior analysis to improve appropriate behavior, enhance communication and social skills, and reduce challenging behavior for individual with autism spectrum disorder, intellectual disabilities, and emotional behavior disorder.
- Development of interventions to improve communication and social skills for individuals with autism spectrum and intellectual disabilities.
- Coaching parents and paraprofessional who teach individual with disabilities.
- Using technology interventions to improve communication and behavioral skills of individuals with autism and developmental disabilities.
- Promoting self-determination in individuals with autism spectrum disorder.

ACADEMIC BACKGROUND

Ph.D. Texas A&M University, College Station, TX, August 2020
Program Area: **Special Education**
Dissertation: *The Effectiveness of Interventions Targeting Social-Communication Skills for Adolescents and Adults with Autism Spectrum Disorder: A Meta-analysis, Quality review, and Single-case Analysis*
Emphasis in Autism and Developmental Disabilities/Applied behavior analysis

M.S. Texas A&M University-Corpus Christi, College Station, TX, August 2015
Program Area: Special Education

B.Ed. Chulalongkorn University, Bangkok, Thailand, May 2010
Program Area: Early Childhood Education

PROFESSIONAL CERTIFICATIONS

2024 Licensed Behavior Analyst (LBA), Texas Department of Licensing and Regulation (License Number: 7304)

2019 Board Certified Behavior Analyst-Doctorate (BCBA-D), Behavior Analysis Certification Board (Certificate Number: 1-19-38456)

2018 Applied Behavior Analysis Certificate, Master's Degree, Texas A&M University, College Station, TX

2010 Early Childhood Teaching Certificate, Bangkok, Thailand

PROFESSIONAL EXPERIENCE IN HIGHER EDUCATION

Research/Internship

2024-present **Adjunct Professor**
Applied Behavior Analysis Program, College of Education and Human Development, Texas A&M University San Antonio, San Antonio, TX.

2023-present **Research Scientist**
Project Director: *Coach to Communicate: Parent Partnerships Supporting English Learners and Adolescents*
Department of Educational Psychology, School of Education & Human Development, Texas A&M University, College Station, TX.

2022-2023 **Research Specialist II**
Co-Project Director: *Coach to Communicate*
Department of Educational Psychology, School of Education & Human Development, Texas A&M University, College Station, TX.
Supervisor: Dr. Birdie J. Ganz, Texas A&M University

2020-2022 **Postdoctoral Research Associate**
Department of Educational Psychology, Texas A&M University
Supervisor: Dr. Birdie J. Ganz, Texas A&M University
Duties Summary:

- coaching parents in C2C project
 - creating the modules for parents
 - collaborating with parents and developing treatment plan

- meeting and coaching communication strategies in ABA to parents
 - individual supervising candidates for BCBA
 - contributing to the conceptual work
 - searching the literature and inclusion of the documents
 - attending supervising meeting
 - preparing the manuscript and presentations
- 2018-2022 **Project Coordinator**, Meta-analysis of Variables Related to Instruction in Augmentative and Alternative Communication Implementation, funded by Institute of Education Sciences, U.S. Department of Education. Special Education Research, Technology for Special Education
Principal Investigator: Dr. Birdie J. Ganz, Texas A&M University
Duties Summary
Principal Investigator: Dr. Birdie J. Ganz, Texas A&M University
Co-PI: Kimberly Vannest. Co-PI: James Pustejovsky.
Duties Summary:

 - participating in organizational meetings
 - hiring staff
 - ordering materials
 - contributing to the conceptual work
 - searching the literature and inclusion of the documents
 - attending data coder training
 - coding data
- 2019 **Participants Coordinator**, Aggie Autism Forum (AAF), A Community of Conversation, Texas A&M University, College Station, TX.
Principal Investigator: Dr. Birdie J. Ganz, Texas A&M University
- 2017-2018 **Graduate Assistant (Parent coach)**, Parent-Directed Treatment. Coach to Communicate (C2C): Partnering to Improve Communication for Individuals with Autism.
Principal Investigator: Dr. Birdie J. Ganz, Texas A&M University
- 2017-2018 **Graduate Assistant**, Autism/Behavior Analysis Research Team
Principal Investigator: Dr. Birdie J. Ganz, Texas A&M University
- 2016-2017 **Research Assistant in Practicum**, Parent-directed Treatment Project Team
Principal Investigator: Dr. Birdie J. Ganz, Texas A&M University
- 2016-2017 **Graduate Assistant**, Special Education Distance Master's Program
Graduate-level curricular development, contribute and develop program, instructional delivery, and ongoing collaborative planning for online Special Education and ABA coursework.
Mentor/Instructor: Dr. Kimberly Vannest, Texas A&M University

Supervision

- 2024-present **Supervisor of Board-Certified Behavior Analyst**, Texas A&M University
Doctoral student: Anindita Banerjee
- 2020-2022 **Supervisor of Board-Certified Behavior Analyst**, Texas A&M University
Doctoral student: Amara Yoro
- 2017-2020 **Supervisor of Undergraduate Student**, Texas A&M University
Parent-Directed Treatment. Coach to Communicate (C2C): Partnering to Improve Communication for Individuals with Autism.
- 2010-2013 **Supervisor of Pre-Service Teachers**
Special Education Classroom Teacher, Grades K-12
Kasetsart University Laboratory School, Bangkok, Thailand

Practitioner

- 2017-2018 **Applied Behavior Analysis Therapist in Practicum**
Empower Behavioral Health (EBH), College station, TX
- 2017 **Applied Behavior Analysis Therapist in Practicum**
Parks Behavior Therapy, College station, TX
- 2016-2017 **Applied Behavior Analysis Therapist in Practicum**
Autism Clinic at Tri-Country Behavioral Health Care, Conroe, Texas
- 2015-2016 **School Teacher**
First-Class Child Development Center, Houston, TX
- 2015 **Special Education Teacher in Practicum**
Early Childhood Development Center, Texas A&M University, Corpus Christi, TX
- 2010-2013 **Special Education Classroom Teacher**, Grades K-12
Kasetsart University Laboratory School, Bangkok, Thailand

COMPETITIVE AWARDS/FELLOWSHIPS

- 2020 **DADD 2020 Student Poster Presentation Award Winner**
Council for Exceptional Children- Division on Autism and Developmental Disabilities
Poster entitled *Parents Coaching Naturalistic Strategies to Improve Communication for Adolescents and Adults with Autism via Telepractice*

- 2020 **Dean's Graduate Award**
College of Education and Human Development
Texas A&M University, \$4,000
- 2019 **Research and Presentation Travel Award,**
Office of Graduate & Professional Studies (OGAPS),
Texas A&M University, \$750
- 2018-2020 **Travel Award,** College of Education and Human Development (CEHD),
Texas A&M University, \$500/year
- 2017-2020 **Travel Award,** Educational Psychology student Organization (EPSO),
Texas A&M University, \$600/year

PEER REVIEWED PUBLICATIONS

Articles Published/Accepted for Publication

- Simacek, J., **Wattanawongwan, S.**, Reichle, J., Cakir-Dilek, B., Ganz, J., Elmquist, M., Hong, E. R., & Pierson, L. M. (in press). Telehealth use in augmentative and alternative communication intervention: A systematic review. *Focus on Autism and Other Developmental Disabilities*.
- Elmquist, M., Crowe, B., **Wattanawongwan, S.**, Reichle, J., Pierson, L., Simacek, J., Hong E. R., Liao, C., Ganz, J. B. (2023). Caregiver-Implemented AAC Interventions for Children with Intellectual or Developmental Disabilities: A Systematic Review. *Review Journal of Autism and Developmental Disorders*, 1-21.
- Ganz, J. B., Pustejovsky, J. E., Reichle, J., Vannest, K., Foster, M., Fuller, M. C., Pierson, L. M., **Wattanawongwan, S.**, Bernal, A., Chen, M., Haas, A., Skov, R., Smith, S. D., & Yllades, V. (2023). Augmentative and alternative communicative intervention targets for school-aged participants with ASD and ID: A single-case systematic review and meta-analysis. *Review Journal of Autism and Developmental Disorders*.
- Ganz, J. B., Pustejovsky, J. E., Reichle, J., Vannest, K., Foster, M., Pierson, L. M., **Wattanawongwan, S.**, Fuller, M. C., Haas, A., Sallese, M. R., Smith, S. D., & Yllades, V. (2023). A Case for increased rigor in AAC research: A methodological quality review. *Education and Training in Autism and Developmental Disabilities*. 58(1), 3-21. Pre-print: <https://edarxiv.org/9qnfp>
- Ganz, J. B., Pustejovsky, J. E., Reichle, J., Vannest, K., Foster, M., Pierson, L. M., **Wattanawongwan, S.**, Bernal, A., Chen, M., Haas, A., Sallese, M. R., Skov, R., & Smith, S. D. (2023). Participant characteristics predicting communication outcomes in AAC implementation for individuals with ASD and IDD: A systematic review and meta-analysis. *Augmentative and Alternative Communication*. <https://doi.org/10.1080/07434618.2022.2116355>. 39(1), 7-22.

- Ganz, J. B., Pustejovsky, J. E., Reichle, J., Vannest, K., Foster, M., Haas, A., Pierson, L. M., **Wattanawongwan, S.**, Bernal, A., Chen, M., Skov, R., & Smith, S. D. (2023). Considering instructional contexts in AAC interventions for people with ASD and/or IDD experiencing complex communicative needs: A single case design meta-analysis. *Review Journal of Autism and Developmental Disorders*, 10, 615-629. doi: [10.1007/s40489-022-00314-w](https://doi.org/10.1007/s40489-022-00314-w)
- Reichle, J., Pustejovsky, J. E., Vannest, K., Foster, M., Pierson, L. M., **Wattanawongwan, S.**, Chen, M., Fuller, M. C., Haas, A., Bhat, B., Sallese, M. R., Smith, S. D., Yllades, V., Rodriguez, D., Yoro, A., Ganz, J. B. (2023). Systematic review of variables related to instruction in augmentative and alternative communication implementation: Group and single-case design. *American Speech-Language-Hearing Association*. 32(1), 1-24.
- Wattanawongwan, S.**, Ganz, J. B., Hong, E. R., Dunn, C., Yllades, V., Pierson, L. M., Baek, E., & Foster, M. (2022). Interventions on improving social-communication skills for adolescents and adults with ASD: A Meta-analysis review. *Review Journal of Autism and Developmental Disorders*.
- Wattanawongwan, S.**, Ganz, J. B., Pierson, L. M., Yllades, V., Liao, C., & Ura, S. (2022). Communication intervention implementation via telepractice parent coaching: Child outcomes and correlations. *Journal of Special Education Technology*, 37(1), 35-48. <https://doi.org/10.1177/0162643420962007>
- Wattanawongwan, S.**, Ganz, J. B., Pierson, L. M., Yllades, V., Liao, C., & Ura, S. (2022). Communication intervention implementation via telepractice parent coaching: Parent implementation outcomes. *Journal of Special Education Technology*, 37(1), 110-111. <https://doi.org/10.1177/0162643420950026>
- Wattanawongwan, S.**, Ganz, J. B., Pierson, L. M., Hong, E. R., Yllades, V., Dunn, C., & Foster, M. (2022). A quality review of social-communication interventions for adolescents and adults with ASD: Maintenance, generalization, and social validity. *Education and Training in Autism and Developmental Disabilities*, 57(1), 67-91.
- Liao, C. Y., Ganz, J. B., **Wattanawongwan, S.**, Haas, A., Ura, S., Vannest, K. J., & Morin, K. (2022). Effects of a parent-mediated multimodal communication intervention on communicative behaviors in children with autism spectrum disorder. *Education and Treatment of Children*. <https://doi.org/10.1007/s43494-022-00072-8>.
- Liao, C. Y., Ganz, J. B., **Wattanawongwan, S.**, Haas, A., Ura, S. K., Vannest, K. J., & Morin, K. (2022). Parent coaching in a multimodal communication intervention for children with autism. *Focus on Autism and Other Developmental Disabilities*. doi: [10.1177/10883576221099896](https://doi.org/10.1177/10883576221099896)
- Pierson, L. M., Ganz, J. B., Pustejovsky, J. E., Reichle, J., Vannest, K., **Wattanawongwan, S.**, Foster, M., Fuller, M. C., Haas, A., Sallese, M. R., Smith, S. D., & Yllades, V., Kenny, E., Morgan, P., & Paterson, S. (2022). Social validity, cost, acceptability, and feasibility

of augmentative and alternative communication (AAC) devices used for individuals with ASD and ID: A systematic review. *Perspectives*. 7(6), 1917-1940.

Wattanawongwan, S., Smith, S. D., & Vannest, K. J. (2021). Cooperative learning strategies to building relationship skills in students with emotional and behavioral disorders. *Beyond Behavior*, <https://doi.org/10.1177/1074295621997599>

Simacek, J., **Wattanawongwan, S.,** Reichle, J., Hyppa-Martin, J., Pierson, L. M., & Dimian, A. (2021). Supporting aided augmentative and alternative communication interventions for individuals with complex communication needs via telepractice: An opening to a tutorial series. *Perspectives of the ASHA Special Interest Groups*. 6(1), 1-12.
http://doi.org/10.1044/2021_PERSP-21-00050.

Yllades, V., Ganz, J.B. **Wattanawongwan, S.,** Dunn, C., Pierson, L. M. (2021). Parent Coaching via Telepractice for Children from Latinx Backgrounds with Autism Spectrum Disorder. *Journal of Special Education Technology*, <https://doi.org/10.1177/01626434211033604>

Pierson, L. M., Thompson, J. L., Ganz, J. B., **Wattanawongwan, S.,** Haas, A. N., & Yllades, V. (2021). Coaching parents of children with developmental disabilities to implement a modified dialogic reading intervention using low-technology via telepractice. *American Journal of Speech-Language Pathology*, 30(1), 119-136.

Wattanawongwan, S. (2020). Increase parent involvement for IEP meeting via telecommunication. *Journal of Early Childhood Education Management*, 1(2), 31-38.

Wattanawongwan, S., Ganz, J. B., Pierson, L. M., Yllades, V., Dunn, C., & Ura, S. (2020). Parents coaching in naturalistic interventions to improve communication skills for adolescents and adults with autism via telepractice. *DADD Online Journal*, 7(1), 144-163.

Haas, A. N., Vannest, K., Thompson, J., Fuller, M., & **Wattanawongwan, S.** (2020). Peer-mediated instruction and academic outcomes for students with autism spectrum disorders: A comparison of quality indicators. *Mentoring & Tutoring: Partnership in Learning*, <https://doi.org/10.1080/13611267.2020.1859330>

Liao, C. Y., Ganz, J. B., Vannest, K. J., **Wattanawongwan, S.,** Pierson, L. M., Yllades, V., & Li, Y. F. (2020). Caregiver involvement in communication skills for individuals with ASD and IDD: A meta-analytic review of single-case research on the English, Chinese, and Japanese literature. *Review Journal of Autism and Developmental Disorders*, <https://doi.org/10.1007/s40489-020-00223-w>

Reichle, J., Simacek, J., **Wattanawongwan, S.,** & Ganz, J. (2019). Implementing Aided Augmentative Communication Systems with Persons Having Complex Communicative Needs. *Behavior modification*, 43(6), 841-878.

Ganz, J. B., Pustejovsky, J. E., Reichle, J., Vannest, K., Foster, M., Fuller, M. C., Pierson, L. M., **Wattanawongwan, S.**, Bernal, A., Chen, M., Haas, A., Skov, R., Smith, S. D., & Yllades, V. (in press). Selecting communicative interventions targets for school-aged participants with ASD and ID: A Single-case experimental design meta-analysis. *Review Journal of Autism and Developmental Disorders*. Pre-print: <https://edarxiv.org/yx5au/>

Liao, C. Y., Ganz, J. B., Vannest, K. J., **Wattanawongwan, S.**, Pierson, L. M., Yllades, V., & Li, Y. F. (in press). Caregiver involvement in communication skills for culturally and linguistically diverse families with individuals with ASD and IDD: A systematic review of cross-cultural research. *Review Journal of Autism and Developmental Disorders*

Book Chapters and Contributions

Hong, E. R., Ganz, J. B., **Wattanawongwan, S.**, & Ura, S. (2019). Communication and expression in Autism Spectrum Disorder and Intellectual Disability. In B. Jimenez, J. Shurr & E. Bouck, *Evidence-Based Practices and Instructional Information for Students with Intellectual Disability & Autism Spectrum Disorder*.

Online Articles and Contributions

Wattanawongwan, S. & Ganz, J. B. (2019, August 8). Five tips for parents to build communication skills with children with autism spectrum disorder. *The Conversation*. Retrieved from <https://theconversation.com/5-tips-for-parents-to-build-communication-skills-with-children-with-autism-spectrum-disorder-117786>

Manuscripts Submitted for Publication

Systematic review of Variables Related to Instruction in Augmentative and Alternative Communication Implementation: Group and Single-case Design [forthcoming].

Pierson, L. M., Ganz, J. B., Thompson, C., **Wattanawongwan, S.**, Yllades, V., & Thompson, J. (Major revision). Storybooks used as intervention anchors for children with developmental disabilities: A systematic review and meta-analysis

Yllades, V., Ganz, J. B., **Wattanawongwan, S.**, Dunn, C., Baek, E., & Foster, M. (Major revisions). Using Telepractice to Improve Communication and Behavioral Skills for Individuals with ASD and ID: A Meta-Analytic Review

Manuscripts in Revision & Preparation

Wattanawongwan, S., Ganz, J. B., Romero, D., Banerjee, A., & Yoro, A. (in preparation). Parent coaching in communication interventions for Adolescents with autism spectrum disorder: A single case study.

Liao, C., **Wattanawongwan, S.**, Ganz, J. B., & Ura, S. (in preparation). Aided augmentative and alternative communication to improve communication skills in adolescents and adults with autism spectrum disorder: A systematic review.

Liao, C. Y., Ganz, J. B., Stein, K., **Wattanawongwan, S.**, Trojacek, L., Yllades, V., & Hass, A. (in preparation). Increased parent knowledge of communication characteristics and behavioral strategies, Improvement in parent treatment integrity and child outcomes.

Pierson, L. M., Ganz, J. B., Pustejovsky, J., Reichle, J., Vannest, K., **Wattanawongwan, S.**, Foster, M., Fuller, M., Haas, A., Sallese, M., Yllades, V., Kenny, E., Morgan, P., Paterson, S., & Smith, S. (in review). Social Validity, Affordability, Acceptability, and Feasibility of Augmentative and Alternative Communication (AAC) Devices Used for Individuals with ASD and ID: A Systematic Review

Other Non-periodical/ One-time Publications

Ganz, J.B., Reichle, J., Pustejovsky, & Foster, M. Collaborators: **Wattanawongwan, S.**, William, K., Bodenhamer, S., Klein, M., Georgio, G. Treatment Intensity Factors Related to Efficient and Effective Communication Intervention for Individuals with ASD and Complex Communication Needs [Research Protocol]. PROSPERO 2021 CRD42021292027 Available from:
https://www.crd.york.ac.uk/prospere/display_record.php?ID=CRD42021292027

Ganz, J.B., Vannest, K., Pustejovsky, J., Reichle, J., & Foster, M. Collaborators: **Wattanawongwan, S.**, Pierson, L., Haas, A., Smith, S. Meta-analyses of variables related to instruction in augmentative and alternative communication implementation [Research Protocol]. PROSPERO 2018 CRD42018112428 Available from:
http://www.crd.york.ac.uk/PROSPERO/display_record.php?ID=CRD42018112428

Media Publication

Wattanawongwan, S. [wanida sinbenchapong]. (2020, Mar 24). *Five tips for parents to build communication skills with children with autism spectrum disorder* [Video]. YouTube.
<https://m.youtube.com/watch?feature=youtu.be&v=PQVHvsuhmaU>

NON-PEER REVIEWED ONLINE CONTENTS

Liao, C. Y., Ganz, J. B., **Wattanawongwan, S.**, Yllades, V., Lyon, K., Fuller, M., & Clark, S. (2017). *Coach 2 Communicate. Preparing Researchers, Educators, and Parents (PREP): Tools for Autism and Behavior*. Center on Disability and Development. Texas A&M University. College Station, Texas. Retrieved from:
<https://prep.catalog.instructure.com/courses/prepping>

FUNDED EXTERNAL FUNDING & GRANT ACTIVITY

- 2024-2026 Project Title: Coach to Communicate: Parent Partnerships Supporting Individuals with Autism
 Funding Organization: Division of Academic Quality and Workforce, Texas Higher Education Coordinating Board. Autism Grant Program
 Project Director: Sanikan Wattanawongwan
 Co- Project Director: Julie Thompson
 Budgeted: \$500,000
 Status: Funded
Role: Project director
- 2022-2024 Project Title: Coach to Communicate: Parent Partnerships Supporting English Learners and Adolescents
 Funding Organization: Division of Academic Quality and Workforce, Texas Higher Education Coordinating Board. Autism Grant Program
 Project Director: J. Birdie Ganz
 Co- Project Director: Sanikan Wattanawongwan
 Budgeted: \$500,000
 Status: Funded
Role: Co-Project director
- 2021-2023 Project Title: Treatment Intensity Factors Related to Efficient and Effective Communication Intervention for Individuals with ASD and Complex Communication
 Funding Organization: Institute of Education Sciences, U.S. Department of Education: Special Education Research, Technology for Special Education
 Principal Investigator: PI: J. Birdie Ganz. Co-PI: Kimberly Vannest. Co-PI: James Pustejovsky.
 Budgeted: \$600,000
 Status: Funded
Role: Contributed content to significance section, checked formatting and content requirements, organized appendices and references
- 2019-2020 Project Title: The Effectiveness of Social-Communication Interventions for Adolescents and Adults with Autism: Single-Case Analysis
 Funding Organization: College of Education and Human Development
 Education: Special Education Research
 Principal Investigator: PI: Sanikan Wattanawongwan
 Budgeted: \$4,000
 Status: Funded
Role: Principle Investigator, contributed content to significance section, checked formatting and content requirements, budget justification
- 2018-2020 Project Title: Meta-analysis of Variables Related to Instruction in Augmentative and Alternative Communication Implementation.

Funding Organization: Institute of Education Sciences, U.S. Department of Education: Special Education Research, Technology for Special Education, Goal 1: Exploration (Grant H324A180110).

Principal Investigator: PI: J. Birdie Ganz. Co-PI: Kimberly Vannest. Co-PI: James Pustejovsky.

Budgeted: \$600,000

Status: Funded

Role: Project Coordinator, revised budget justification

2018-2020

Project Title: Parent-Directed Treatment. *Coach to Communicate (C2C): Partnering to Improve Communication for Individuals with Autism.*

Funding Organization: Division of Academic Quality and Workforce, Texas Higher Education Coordinating Board. Autism Grant Program

Project Director: J. Birdie Ganz

Budgeted: \$500,000

Status: Funded

Role: Parent coach, contributed content to significance section

2018-2020

Project Title: Teacher/Paraprofessional Training. *Preparing Researchers, Educators, and Parents (PREP): Tools for Autism and Behavior.*

Funding Organization: Division of Academic Quality and Workforce, Texas Higher Education Coordinating Board: Autism Grant Program

Project Director: Jay Ganz

Budgeted: \$475,000

Status: Funded

Role: Contributed content to significance section

UNFUNDED & SUBMITTED GRANT ACTIVITY

2021-2023

Project Title: Culturally and linguistically responsive protocol for coaching parents in strategies to improve the communication of their preschool and elementary-aged children with ASD/ID

Funding Organization: Institute of Education Sciences, U.S. Department of Education: Special Education Research, Technology for Special Education

Principal Investigator: PI: Jay Ganz. Consultant: Joe Reichle. Co-PI: Jessica Simecek. Co-PI: Christopher Rivera. Co-PI: Jeffrey Liew

Budgeted: \$600,000

Role: Contributed content to significance section, checked formatting and content requirements, organized appendices and references

2020-2022

Project Title: Treatment Intensity Factors Related to Efficient and Effective Communication Intervention for Individuals with ASD and Complex Communication Needs

Funding Organization: Institute of Education Sciences, U.S. Department of Education: Special Education Research, Technology for Special Education

Principal Investigator: PI: Jay Ganz. Co-PI: Kimberly Vannest. Co-PI: James Pustejovsky.

Budgeted: \$600,000

Role: Contributed content to significance section, checked formatting and content requirements

2020-2021

Project Title: Telepractice Parents Coaching in Naturalistic Strategies to Increase Communication Skills for Adolescents with Autism

Funding Organization: Organization for Autism Research (ID: A20-0000000235)

Principal Investigator: PI: Sanikan Wattanawongwan

Budgeted: \$2,000

Role: Principle Investigator, contributed content to significance section, checked formatting and content requirements, budget justification

2018-2020

Project Title: Leadership in Technology Applications to Improve Outcomes in Social, Emotional, and Behavioral Needs (Project TApp)

Funding Organization: Office of Special Education Programs, U.S. Department of Education

Principal Investigator: PI: Jay Ganz. Co-PI: Kimberly Vannest.

Budgeted: \$4,250,000

Role: Contributed content to significance section, checked formatting and content requirements, revised personnel descriptions

2017

Project Title: Evaluating the Effects of Applied Behavior Analysis on Cognition, Adaptive Behaviors, and Symptoms of ASD with Controls for School and Parent Delivered Supports

Funding Organization: Department of Defense Applied Behavior Analysis Clinical Study Award

Principal Investigator: Kimberly Vannest, Jay Ganz, OiMan Kwok

Budgeted: \$7,000,000

Role: Research team member with responsibilities for literature review, data management, and support documents.

CONFERENCE PRESENTATIONS

Wattanawongwan, S., Ganz, J. B., Altamira, W., Yoro, A., Banerjee, A., & Romero, D. (2023, April). *Parent Coaching to Increase Communication Skills for Adolescents with Autism*. Panel presentation presented at the Texas Association for Behavior Analysis 2023. San Antonio, TX.

Yllades, V., Ganz, J.B., **Wattanawongwan, S.**, (2023, April). *Cultural Responsivity in Telepractice Parent Coaching for Culturally and Linguistically Diverse Children with Autism Spectrum Disorder*. Panel presentation presented at the Texas Association for Behavior Analysis 2023. San Antonio, TX.

- Liao, C., Ganz, J. B., Vannest, K. J., **Wattanawongwan, S.**, Pierson, L. M., Yllades, V., & Li, Y. (2021, May). Caregiver involvement in communication intervention for culturally and linguistically diverse families with individuals with ASD and IDD across cultures. Poster presented at the Association for Behavior Analysis International 2021 Annual Convention. LIVE.
- Pierson, L. M., Thompson, J., Ganz, J. B., **Wattanawongwan, S.**, Hass, A., Yllades, V., (2021, March). *A parent implemented dialogic reading intervention targeting language skills*. Poster presented at the Council for Exceptional Children 2021 Special Education Convention and Expo. LIVE.
- Pierson, L. M., Thompson, J., Ganz, J. B., **Wattanawongwan, S.**, Hass, A., Yllades, V., (2021, January). *Teaching parents to implement a modified dialogic reading procedure with children who have developmental disabilities*. Poster presented at the 22nd International Conference on Autism, Intellectual Disability, and Developmental Disabilities. Council for Exceptional Children Division on Autism and Developmental Disabilities. Clearwater Beach, FL.
- Wattanawongwan, S.**, Ganz, J. B., Pierson, L. M., Yllades, V., & Dunn, C. (2020, May). *Telepractice parents coaching in naturalistic strategies to increase communication skills for adolescents with autism*. Panel presentation presented at the Association for Behavior Analysis International 2020 Annual Convention. Washington, DC.
- Wattanawongwan, S.**, Ganz, J. B., Hong, E. R., Dunn, C., Yllades, V., & Pierson, L. M. (2020, May). *Interventions on improving social-communication skills for adolescents and adults with ASD: A Meta-Analysis Review*. Poster presented at the Association for Behavior Analysis International 2020 Annual Convention. Washington, DC.
- Pierson, L. M., Thompson, J., Ganz, J. B., **Wattanawongwan, S.**, Hass, A., Yllades, V.. (2020, May). *Storybook reading intervention for individuals with complex communication needs: A single-case study*. Panel presentation presented at the Association for Behavior Analysis International 2020 Annual Convention. Washington, DC.
- Ganz, J. B., Reichle, J., Vannest, K., Pustejovsky, J., Pierson, L., **Wattanawongwan, S.**, Hass, A., & Smith, S. D., (2020, May). *Augmentative and alternative communication for autism and intellectual disability: Systematic review of critical reporting factor*. Symposium presentation presented at the Association for Behavior Analysis International 2020 Annual Convention. Washington, DC.
- Wattanawongwan, S.**, Ganz, J. B., Pierson, L. M., Dunn, C., Yllades, V., & Ura, S. (2020, February). *Telepractice parents and practitioners coaching in naturalistic strategies to increase communication skills for adolescents with autism*. Poster presented at the Council for Exceptional Children 2020 Special Education Convention and Expo. Portland, OR.
- Liao, C. Y., Ganz, J. B., Vannest, K., **Wattanawongwan, S.**, Pierson, L. M., Yllades, V., & Ura, S. (2020, February). *Caregiver involvement in communication skills for individuals with*

ASD and IDD across cultures: A meta-analysis. Poster presented at the Council for Exceptional Children 2020 Special Education Convention and Expo. Portland, OR.

Wattanawongwan, S., Ganz, J. B., Pierson, L. M., Dunn, C., Yllades, V., & Ura, S. (2020, January). *Parents coaching in naturalistic strategies to improve communication skills for adolescents and adults with autism via telepractice.* Poster presented at the 21st International Conference on Autism, Intellectual Disability, and Developmental Disabilities. Council for Exceptional Children Division on Autism and Developmental Disabilities. Sarasota, FL. *Recipient of Student Poster Presentation Award Winner*

Wattanawongwan, S., Ganz, J. B., Pierson, L. M., Yllades, V., Liao, C. Y., & Ura, S. (2019, September). *Telepractice parent coaching in a multimodal communication intervention: part 1, parent implementation and part 2, child outcomes and correlations.* Poster presented at the 10th International Autism Conference Association for Behavior Analysis International Convention. Stockholm, Sweden.

Liao, C. Y., Ganz, J. B., Vannest, K. J., Li, Y., Li, Y. F., Ura, S., **Wattanawongwan, S.** (2019, September). *Cultural and Family factors on Parent-Mediated Multimodal Communication Intervention for Children with Autism Spectrum Disorder.* Poster presented at the 10th International Autism Conference Association for Behavior Analysis International Convention. Stockholm, Sweden.

Vannest, K., Haas, A., & **Wattanawongwan, S.** (2019, January). *Anxiety interventions.* Poster presented at the Council for Exceptional Children 2019 Special Education Convention and Expo. Indianapolis, IN.

Whirley, M., **Wattanawongwan, S.,** Hass, A., & Fuller, M. C. (2019, January). *Self-monitoring interventions for students with disabilities: A meta-analysis of group designs.* Poster presented at the Council for Exceptional Children 2019 Special Education Convention and Expo. Indianapolis, IN.

Wattanawongwan, S., Ganz, J. B., Pierson, L. M., Yllades, V., Liao, C. Y., & Ura, S. (2019, January). *Telehealth coaching in a multimodal communication intervention for parents of children with autism spectrum disorder.* Poster presented at the 13th Annual Autism Conference Association for Behavior Analysis International Convention. San Francisco, CA.

Wattanawongwan, S., Liao, C. Y., Ganz, J. B., Bowman-Perrott, L., & Pierson, L. M. (2019, January). *Telehealth parent coaching for individuals with autism spectrum disorder: A systematic research quality review.* Poster presented at the 20th International Conference on Autism, Intellectual Disability, and Developmental Disabilities. Council for Exceptional Children Division on Autism and Developmental Disabilities. Kanaapali Beach, Maui, HI.

Wattanawongwan, S., Ganz, J. B., Pierson, L. M., Yllades, V., Liao, C. Y., & Ura, S. (2019, January). *Using telepractice to coach parents in a multimodal communication intervention with individuals with autism spectrum disorder.* Poster presented at the 20th

International Conference on Autism, Intellectual Disability, and Developmental Disabilities. Council for Exceptional Children Division on Autism and Developmental Disabilities. Kanaapali Beach, Maui, HI.

Hong, E. R., Ganz, J. B., **Wattanawongwan, S.**, Ura, S. (2019, January). *Utilizing the 4 stages of learning to assess, plan, and teach: Communication and expression in Autism Spectrum Disorder and Intellectual Disability*. Oral presentation presented at the 20th International Conference on Autism, Intellectual Disability, and Developmental Disabilities. Council for Exceptional Children Division on Autism and Developmental Disabilities. Kanaapali Beach, Maui, HI.

Whirley, M., **Wattanawongwan, S.**, Hass, A., Fuller, M. C. (2019, January). *Current uses for self monitoring for groups in educational settings: A meta-analysis*. Poster presented at the 20th International Conference on Autism, Intellectual Disability, and Developmental Disabilities. Council for Exceptional Children Division on Autism and Developmental Disabilities. Kanaapali Beach, Maui, HI.

Liao, C. Y., Ganz, J. B., **Wattanawongwan, S.**, Haas, A., Ura, S., & Morin, K. (2018, May). *Augmentative and alternative communication interventions: Experimental research to improve communication outcomes in children with complex communication needs disorder*. Paper presented at the Association for Behavior Analysis International 44th Annual Convention, San Diego, CA.

Wattanawongwan, S., Liao, C., & Ganz, J. B. (2018, May). *Parent and caregiver coaching via telehealth technologies for children with autism: A systematic review*. Poster presented the 44th Annual Association for Behavior Analysis International Convention. San Diego, CA.

Liao, C., Ganz, J., **Wattanawongwan, S.**, Hass, A., Ura, S., & Morin, K. (2018, February). *Training parents to implement a multimodal communication intervention with children with autism spectrum disorder*. Poster presented at the Council for Exceptional Children 2018 Special Education Convention and Expo. Tampa, FL.

Wattanawongwan, S., & Liao, C. (2018, January). *Effective technology interventions to promote self-determination for children with autism spectrum disorder: A literature review*. Poster presented at the 19th International Conference on Autism, Intellectual Disability, and Developmental Disabilities. Council for Exceptional Children Division on Autism and Developmental Disabilities. Clearwater Beach, FL.

Liao, C., Ganz, J., **Wattanawongwan, S.**, Hass, A., Ura, S., & Morin, K. (2018, January). *Teaching parents to use behavioral skills through a multimodal communication intervention with children with autism spectrum disorder*. Poster presented at the 19th International Conference on Autism, Intellectual Disability, and Developmental Disabilities. Council for Exceptional Children Division on Autism and Developmental Disabilities. Clearwater Beach, FL.

PROFESSIONAL DEVELOPMENT PRESENTATIONS

Wattanawongwan, S. (2023, May). *Parent Training in Communication*. Live Webinar: Presented for the Parent-Directed Treatment Project.

Wattanawongwan, S. (2022, October). *Parent Training in Communication*. Live Webinar: The Arc for people with intellectual and developmental disabilities.

Wattanawongwan, S. (2021, Dec). *C2C communication*. Live Webinar: Presented for Humble Independent School District.

Wattanawongwan, S. & Yllades, V. (2021, August). *Coach to Communication*. Presented for Grimes County Special Education Cooperative, TX.

Wattanawongwan, S. (April 21, 2021); the Coach to Communicate program featured on the local news ~ <https://www.kxxv.com/brazos/texas-a-m-introduces-new-coach-to-communicate-program-for-children-on-autism-spectrum>

Wattanawongwan, S. & Pierson, L. M. (2019, May). *Meta-Analysis of Variables Related to Instruction in Augmentative and Alternative Communication Implementation*. Presented for Aggie Autism Forum (AAF), A Community of Conversation, Texas A&M University, College Station, TX.

Wattanawongwan, S. (2018, October). *Meta-Analysis of Variables Related to Instruction in Augmentative and Alternative Communication Implementation*. Services and Research on Autism, Intellectual, and Developmental Disabilities: Presented for Constituent Advisory Council (CAC) Meeting, Center on Disability and Development, College Station, TX.

Wattanawongwan, S. (2018, October). *Power of words: Label or not to label debate*. Computer Lab: Presented for INST 210 Understanding Special Populations class at Texas A&M University, College Station, TX.

Wattanawongwan, S. (2017, October). *Families of students with disabilities*. Computer Lab: Presented for INST 210 Understanding Special Populations class at Texas A&M University, College Station, TX.

Liao, C. Y., & Wattanawongwan, S. (2017, July). *Parent Training in Communication*. Live Webinar: Presented for the Parent-Directed Treatment Project.

Wattanawongwan, S. (2017, April). *Parent Teaching in Communication*. Live Webinar: Presented for the Parent-Directed Treatment Project.

INVITED GUEST LECTURE

Wattanawongwan, S. (2025, April). *Augmentative and Alternative Communication to Improve Communication Skills for Children with Autism*. Presented for Education for EDSP 200A Introduction to Special Education at University of Maryland Eastern Shore, Princess Anne, MD.

- Wattanawongwan, S.** (2024, March). *Coach to Communicate/ Single-Case Experimental Design/ Quality review*. Presented for Research in Family and Special Education: Policies, Practices, and Research at Texas A&M San-Antonio, San-Antonio TX.
- Wattanawongwan, S.** (2023, November). *Coach to Communicate/ Single-Case Experimental Design/ Quality review*. Presented for Research Methods 5302 at Texas A&M San-Antonio, San-Antonio TX.
- Wattanawongwan, S.** (2023, October). *Augmentative and Alternative Communication to Improve Communication Skills for Children with Autism*. Presented for Education for EDSP 200A Introduction to Special Education at University of Maryland Eastern Shore, Princess Anne, MD.
- Wattanawongwan, S.** (2023, April). *Augmentative and Alternative Communication to Improve Communication Skills for Children with Autism*. Presented for Education for EDSP 200A Introduction to Special Education at University of Maryland Eastern Shore, Princess Anne, MD.
- Wattanawongwan, S.** (2022, March). *Parent Coaching in a Naturalistic Intervention to Improve Communication Skills for Children with Autism via Telepractice: Single-Case Experimental Design*. Presented for Education for SPC0034 Applies Behavior Analysis at National Taiwan Normal University, Taipei City, Taiwan.
- Wattanawongwan, S.** (2022, February). *Inclusive Education: How to increase communication and social skills for children with autism*. Presented for Education for Children with Disabilities at King Monkut's University of Technology North Bangkok (KMUTNB), Bangkok, Thailand.
- Wattanawongwan, S.** (2021, August). *Tips for using telecommunication with parents*. Presented for Education for Children with Disabilities at King Monkut's University of Technology North Bangkok (KMUTNB), Bangkok, Thailand.
- Wattanawongwan, S.** (2019, October). *Special Education in Different Countries: Laws, Policies, and Procedures*. Presented for INST 210 Understanding Special Populations panel at Texas A&M University, College Station, TX.
- Wattanawongwan, S.** (2019, September). *Effectiveness of Social-Communication Skills for Adolescents and Adults with Autism Spectrum Disorder*. Presented for the Rapid Conversion of Literature Review to Scientific Publication, University of Vermont, Burlington, VT.

TEACHING

Traditional Instructional

- Spring 2017 SPED 302: Instructional Design for Students with Disabilities
(Co-Instructor)- Undergraduate levels
Co-Instructor: Dr. Constance Fournier, Texas A&M University
- Supervised students of teaching experience assignments
 - Graded major project assignments
 - Taught face-to-face classes (30 students)
- Fall 2016 SPED 302: Instructional Design for Students with Disabilities
(Assistant Instructor)
Instructor of record: Dr. Constance Fournier, Texas A&M University
- Supervised students of teaching experience assignments
 - Graded major project assignments

Online Instructional

- Spring 2026 EDBA 4306 Applied Behavior Analysis in Behavior Change
Adjunct Professor- Instructor Undergraduate levels
Texas A&M University-San Antonio
- Teaching synchronous classes via Blackboard Collaborate (12 students)
 - Created online PowerPoint modules
 - Grade all assignments
- Fall 2024 ABA 5306 Supervision and Management in Applied Behavior Analysis
Adjunct Professor- Instructor Graduate levels
Texas A&M University-San Antonio
- Teaching synchronous classes via Blackboard Collaborate (20 students)
 - Created online PowerPoint modules
 - Grade all assignments
- Summer 2019 SPED 609: Educating Individuals with Autism Spectrum Disorder
(Co-Instructor) - Graduate levels
Instructor of record: Dr. Amy Heath, Texas A&M University
- Taught synchronous classes via Blackboard Collaborate (40 students)
 - Created online PowerPoint modules on eCampus

PROFESSIONAL SERVICE

Editorial Reviews

- 2022 Guest Reviewer, *Research in Autism Spectrum Disorders*, Peer reviewed journal in special education

- 2022 Guest Reviewer, *Perspectives of the ASHA Special Interest Groups*, Peer reviewed journal in special education
- 2020 Guest Reviewer, *Advances in Neurodevelopmental Disorders*, Peer reviewed journal in special education
- 2018 Guest Reviewer, *The National Clearinghouse on Autism Evidence and Practice*, Review of evidence-based practices in autism
- 2018 Guest Reviewer, *Augmentative and Alternative Communication*, Peer reviewed journal in special education and speech language pathology
- 2017 Guest Reviewer, *Research in Developmental Disability*, Peer reviewed journal in special education

Institutional Service

- 2019-2020 Aggie ACHIEVE (Academic Courses in Higher Inclusive Education and Vocational Experiences) admissions committee, Educational Psychology, College of Education and Human Development (CEHD), Texas A&M University
- 2018-2019 POWER Consultant, Promoting Outstanding Writing for Excellence in Research (POWER) writing support services, College of Education and Human Development (CEHD), Texas A&M University
- 2016- present Undergraduate Program Committee Graduate Student Member, Special Education (SPED), Texas A&M University

Professional Service

- 2019 Participants Coordinator, Aggie Autism Forum 2019 Texas A&M University, College Station, TX.
- 2019 Conference Volunteer, Council for Exceptional Children 2019 Special Education Convention and Expo. Indianapolis, IN.
- 2018 Conference Volunteer, Council for Exceptional Children 2018 Special Education Convention and Expo. Tampa, FL.

PROFESSIONAL MEMBERSHIPS

- 2019-present Council for Exceptional Children-Division for Research (CEC-DR)
- 2018-present Textbook and Academic Authors Association (TAA)

2018-present	American Educational Research Association (AERA)
2018-present	Teaching and Teacher Education Division (AERA Division)
2018-present	Social Context of Education (AERA Division)
2017-present	Council for Exceptional Children- Division on Autism and Developmental Disabilities (CEC-DADD)
2017-present	Association for Behavior Analysis International (ABAI)
2017-present	Council for Exceptional Children (CEC)