

## **OLIVER WENDT, Ph.D.**

### **Associate Professor and Chair, Cognitive and Emotional Disabilities**

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### **VITA-AT-A-GLANCE**

- Leading researcher and innovator in severe communication disorders with focus on autism and developmental disabilities
- Experienced faculty entrepreneur, former co-founder and chief scientist of award-winning, autism technology start-up SPEAK MODalities LLC
- Over \$1.1M in continuously funded research and development projects, 43 peer-reviewed publications in high impact journals, 3 software patents pending
- Effective mentor of undergraduate and graduate student research and development projects

### **EDUCATION**

- Ph.D. Special Education, Purdue University, August 2006  
(major: augmentative and alternative communication; minor: child language development and disorders; additional interdisciplinary minor in gerontology)  
Title of Ph.D. thesis: *The effectiveness of augmentative and alternative communication for individuals with autism spectrum disorders: A systematic review and meta-analysis.*  
Advisor: Lyle L. Lloyd, Ph.D.
- M.S. Special Education (passed with distinction), University of Cologne, Germany, 2000  
Title of honors thesis: *Communication intervention for adults with amyotrophic lateral sclerosis based on the approach of augmentative and alternative communication (AAC). A research synthesis of US-American studies in conjunction with qualitative inquiries in a neurologic rehabilitation center in North Rhine-Westphalia.*  
Advisor: Ulrich Oskamp, Ph.D.
- M.A. Special Education, AAC emphasis, University of Nebraska-Lincoln, 1998
- B.S. Education and Psychology, University of Cologne, Germany, 1996

### **PROFESSIONAL CERTIFICATIONS AND TRAINING**

TREAT Commercialization Cohort, Center for Translation of Rehabilitation Engineering Advances and Technology, National Center for Medical Rehabilitation Research (NCMRR), Fall 2019

Autism Diagnostic Observation Schedule (ADOS), Clinical Training, May 2012

Single-Case Intervention Research Design and Analysis, Summer Research Training, Institute on Education Science (IES), U.S. Department of Education, June 2011

Picture Exchange Communication System (PECS) – Advanced, Pyramid Educational Consultants, May 2011

Picture Exchange Communication System (PECS) – Basic, Pyramid Educational Consultants, March 2010

Introduction to R – Data Handling, Dr. Paul Murrell, online training at statistics.com, March 2010

Hierarchical Linear Modeling Training, Drs. Steve Raudenbush and Tony Bryk (September 2009), Scientific Software International (SSI)

## **SCIENTIFIC EMPLOYMENT**

Associate Professor and Chair, Cognitive and Emotional Disabilities, College of Human Sciences, University of Potsdam, Germany; January 2021 – present

Visiting Assistant Professor, School of Communication Sciences and Disorders, University of Central Florida, Orlando, FL; August 2018 – May 2021

Adjunct Professor, Department of Educational Studies, Purdue University, West Lafayette, IN; March 2018 – present

Chief Science Officer, SPEAK MODalities, LLC, Purdue Research Park, West Lafayette, IN; October 2013 – July 2018

Assistant Professor of Speech, Language, and Hearing Sciences (with joint appointment in the Department of Educational Studies), Department of Speech, Language, and Hearing Sciences, Purdue University, West Lafayette, IN; August 2010 – May 2017

Assistant Professor of Special Education (with joint appointment in the Department of Speech, Language, and Hearing Sciences), Department of Educational Studies, Purdue University, West Lafayette, IN; August 2006 – May 2017

Clinical Instructor, Department of Educational Studies, Purdue University, West Lafayette, IN; August 2005 – May 2006

## **UNIVERSITY RESEARCH AND TEACHING EXPERIENCE**

Graduate Courses at Purdue University (EDPS/SLHS) and University of Central Florida (SPA):

- EDPS 520 Characteristics of Students with Severe Disabilities (onsite and online)
- EDPS 571 Advanced Assistive Technology (onsite and online)
- EDPS 688 Single Subject Research Designs (onsite and online)
- SLHS 513 Clinical Research and Treatment Efficacy (onsite)
- SLHS 519 Evidence-based Practice I: Approaches (onsite)
- SLHS 525 Language and Communication in Autism Spectrum Disorders (onsite)
- SLHS 540 Introduction to Augmentative and Alternative Communication (onsite)
- SPA 6437 Assistive/Instructional Technology for Communication (online)
- SPA 6432 Issues in Autism (onsite and online)
- SPA 6559 Augmentative and Alternative Communication Systems (onsite and online)
- SPA 6805 Research in Communicative Disorders (onsite and online)

Undergraduate Courses at Purdue University (EDPS) and University of Central Florida (LIN):

- EDPS 261 Early Field Experience in Special Education (onsite)
- EDPS 310 Characteristics of Students with Severe Disabilities (onsite)

- EDPS 363 Psychoeducational, Medical, and Physical Aspects of Students with Disabilities (onsite)
- EDPS 364 Practicum in Special Education Assessment (onsite)
- LIN 3716 Language Development (online)

Doctoral Research Fellow:

Purdue University Transdisciplinary AAC Program, August 2004 – July 2005

Research Assistant:

Efficacy Research on AAC for Children with Autism, Jan. 2003 – Dec. 2004  
(under supervision of Dr. Lyle L. Lloyd)  
Higher Order Problem Solving Skills in Children, Jan. – Dec. 2002  
(under supervision of Dr. Ala Samarapungavan)

## **ENTREPRENEURIAL LEADERSHIP**

Co-Founder, Chief Science Officer, and Executive Vice President, SPEAK MODalities, LLC, Purdue Research Park, West Lafayette, IN; October 2013 – July 2018

Scholar, Entrepreneurial Leadership Academy, Burton D. Morgan Center for Entrepreneurship, Purdue University, 2015 – 2016 (served as mentor for prospective Purdue faculty entrepreneurs)

Lecturer, “Life of a Faculty Entrepreneur: Discovery, Development, Translation” Course, Burton D. Morgan Center for Entrepreneurship, Purdue University, 2016 – 2017

Advisor, Engineering Projects in Community Service (EPICS), Project “HEARD” (Handheld Educational Augmentative RFID Device), Winner of the 2015 Purdue Schurz Innovation Challenge, 2014 – 2018

Advisor, Senior Design Software Engineering Projects, Rose-Hulman Institute of Technology, Department of Computer Science and Software Engineering, 2013 – present

## **START-UP COMPANY CREATION**

Founder, SPEAK MODalities, LLC, 2013: SPEAK MODalities helps individuals with severe autism or developmental disabilities learn to communicate through evidence-based speech and language learning applications. An NIH-funded product suite includes a series of tools that progressively grow a learner’s language competency, from basic symbolic communication through speech and language generalization to social interaction.

Advisor, Prehensile Technologies, LLC, 2014: Prehensile Technologies provides robotic mobile device mounting systems that are attachable to power wheelchairs and accessible furniture for individuals with physical and/or motor impairments.

Advisor, Experience-Design-Group, LLC, 2016: Experience-Design-Group develops engaging mobile applications for literacy instruction in learners with autism spectrum disorders or other special learning needs.

## **RESEARCH INTERESTS**

Digital health and interventions in autism spectrum disorders and developmental disabilities

Efficacy of augmentative and alternative communication (AAC) and assistive technology (AT)

Technology-based communication and language development in severe disabilities

Evidence-based practice in AAC and AT

Research methods: Single-subject experimental designs and their meta-analysis, quality appraisal

## **EDITORIAL EXPERIENCE**

### Guest Editor

*Evidence-based Communication Assessment and Intervention*, Special Issues:

- New Approaches to Statistical Analysis of Single-Case Experimental Designs (March 2020)
- Advancements in the Synthesis of Single-Case Experimental Designs (December 2021)

### Associate Editor

*Augmentative and Alternative Communication*, August 2015 – present

*Language, Speech, and Hearing Services in Schools*, December 2015 – December 2016

### Consulting Editor/ Editorial Board Member (in alphabetical order)

*American Journal of Speech-Language Pathology*, January 2007 – present

*Augmentative and Alternative Communication*, January 2005 – July 2015

*Campbell Systematic Reviews*, January 2019 – present

*EVIDAAC: A Database of Appraised **Evidence** in Augmentative and Alternative Communication*, October 2007 – September 2010 (funded by the U.S. Department of Education, National Institute on Disability and Rehabilitation Research)

*Evidence-based Communication Assessment and Intervention*, November 2006 – present

*Evidence-based Practice Briefs*, January 2011 – present

*Journal of Speech, Language, and Hearing Research*, January 2008 – present

*Language, Speech, and Hearing Services in Schools*, April 2014 – present

*Perspectives on Augmentative and Alternative Communication*, January 2006 – December 2007

*The Campbell Collaboration*, Education Coordinating Group, Methodological Referee for Systematic Reviews, May 2009 – present

### Adhoc Reviewer (in alphabetical order)

*American Journal of Physical Medicine & Rehabilitation*, September 2008

*Autism*, December 2019

*Behavior Analysis in Practice*, April 2022

*Behavior Modification*, November 2013, March 2014

*Behavioral Research Methods*, October 2013, March 2017

*Disability & Rehabilitation*, July 2004

*Exceptional Children*, March 2012

*Games for Health Journal*, November 2020

*Journal of Autism and Developmental Disorders*, Special Issue on “Translating Research to Practice”, August 2010; regular issues: August 2020

*Journal of Behavioral Education*, May 2004

*Journal of Developmental and Physical Disabilities*, October 2019, May 2020

*Journal of Intellectual & Developmental Disability*, Special Issue on “Communication: Access to Inclusion”, December 2006

*New Directions for Child and Adolescent Development*, October 2020

*Perspectives on Augmentative and Alternative Communication*, Januar 2006 – Dezember 2007

*Research and Practice for Persons with Severe Disabilities*, December 2021

*Revista Brasileira de Educação Especial*, March 2022

### Book Proposal Reviews

*Introduction to Single-Case Research and Meta-Analysis*, SAGE Publishing, 2018

*Handbook of Child Language Disorders*, Psychology Press, 2012

*Augmentative and Alternative Communication (AAC): An Introduction to Concepts and Practices*, Pearson Publishing, 2009

*Speech-Language and Communication Supports for People with Developmental Disabilities: A Guide for Families and Professionals*, Elsevier Publishing, 2007

## **RESEARCH CONSULTING**

Consultant and Research Training Coordinator, Disability Research to Practice Projects, *Center on Knowledge Translation for Disability and Rehabilitation Research (KTDDR)*, *American Institutes for Research*, 2009 – present; Seminars and workshops offered:

- Producing Research Syntheses Using Scoping Review Methodology (2016)
- Qualitative Research Synthesis (2014)
- Developing High Quality Research Syntheses (2013)
- Conducting Systematic Reviews of Evidence-based Disability and Rehabilitation Research (2009)
- Systematic Reviews and Meta-analyses of Single-subject Experimental Designs (2008)

## **AWARDS & HONORS**

### Academic

*Family Tree Award*, Purdue University Center for Families, for advocacy, education, influence, and inspiration provided to the Center’s mission of improving the quality of life for families, 2021

*Distinguished Service Award*, *Organization for Autism Research (OAR)*, in appreciation of service on the OAR Scientific Advisory Council, Washington, DC, 2020

“*Highly Commended*” – *Research Award*, *The Communication Matters AAC Awards*, an award given to a researcher, a published paper or project which has furthered the evidence base around AAC (by the ISAAC UK Chapter), 2019

*Fellowship of the German Scholars Leadership Academy*, to prepare early and mid-career level German scholars with excellent qualifications for leadership positions in science and industry, 2017 – 18

*Outstanding Research of the Year Award by the Autism Society of America*, for “providing the autism community with meaningful progress and advancement in the field of applied research”, 2015

*Focus Award*, Purdue University, for outstanding contribution to the furthering of Purdue’s commitment to disability access and diversity, 2013

*Kontos Faculty Fellowship* (\$20,000), Center for Families, Purdue University, to support research project “Effects of a parent-implemented augmentative and alternative communication program for children with severe autism”, 2012 – 2013

*Mentee at the Fourth Annual Clinical Practice Research Institute (CPRI)* sponsored by the American Speech-Language-Hearing Association (mentor: Howard Goldstein, Ph.D.), 2012

*Travel Award* to the first Summer Research Training Institute on Single-Case Intervention Research Design and Analysis sponsored by the Institute of Education Sciences in the U.S. Department of Education, 2011

*Advancing Academic Research Careers Award* (\$5,000), American Speech-Language-Hearing Association, 2007

*Outstanding Dissertation Award* (\$300), College of Education, Purdue University, 2006 – 2007

*Outstanding Dissertation Award*, Dept. of Educational Studies, Purdue University, 2006 – 2007

*Editor Award for the Most Significant Research Article in Augmentative and Alternative Communication*: Schlosser, R.W., **Wendt, O.**, Angermeier, K.L., & Shetty, M. (2005). Searching for evidence in augmentative and alternative communication: Navigating a scattered literature. *Augmentative and Alternative Communication*, 21(4), 233-255.

*Student Research Travel Award* (\$500), Annual Convention of the American Speech-Language-Hearing Association, for the paper titled “How effective are AAC interventions for children with autism?”, 2005

*First Place Winner* (\$250), AAC Student Scientific Paper Award, Annual Convention of the American Speech-Language-Hearing Association, Special Interest Division 12, for the paper titled “AAC for children with autism: A meta-analysis of intervention outcomes”, 2004

*Inaugural School of Education Dissertation Fellowship*, Purdue University, 2004

*Glenna B. Collins Scholarship of the Autism Society of America* (\$1000), 2003  
(an annual scholarship awarded for graduate or post-doctorate work in basic and applied research relevant to autism prevention, cure, and/or amelioration)

*Full member of Sigma Xi*, The Scientific Research Society, 2003

*Associate Fellow of the Teaching Academy* at Purdue University, 2002

*Outstanding Graduate Teacher Award* of the School of Education, Purdue University, 2002

*Outstanding Graduate Instructor Award* of the Department of Educational Studies, Purdue University, 2002

*Quadrille Ball Scholarship* jointly sponsored by the Germanistic Society of America and the Institute of International Education (\$2000), 2001 – 2002  
(an annual scholarship based on a nationwide competition for German graduate students at U.S. universities who have achieved outstanding academic records)

*J. William Fulbright Scholarship* of the German-American Fulbright Commission, 1997 – 1998  
(an annual study abroad scholarship covering tuition, fees, travel and living expenses at a U.S. university based on a nationwide competition among graduate students from all disciplines)

*Fellowship of the German National Academic Foundation*, 1994 – 1999  
(a fellowship award for intellectually outstanding students from all disciplines at German universities based on a European Union-wide competition)

### Entrepreneurial

*Finalist – The Arc Tank Innovation Competition for Disability Services*, Northeast Arc Foundation, Boston, MA, 2019

*Autism Hero Award – First Place, Entrepreneurial Category*, Anna Kennedy Online Charity, London, UK, 2018

*Inaugural GAIN 18 Award, First Place for Best Start-up Idea*, German Academic International Network, Boston, MA, 2018

*Reimagine Education Award, Silver Winner in Educational App Category*, at the University of Pennsylvania Wharton School and Quacquarelli Symonds Stars Reimagine Education Conference, Philadelphia, PA, 2017

*Electronic Component News (ECN) Impact Award, First Place in the Medical Product Design Category* for creating products that show excellence in design engineering and make an impact in the electronic components industry, Chicago, IL, 2017

*Milken Family Foundation Grand Prize and Overall Winner (\$40,000)*, Milken-Penn GSE Education Business Plan Competition, the nation's largest business plan competition for education-related startups, University of Pennsylvania, Philadelphia, PA, 2017

*ChanceLight Behavioral Health and Education Prize (\$20,000)*, Milken-Penn GSE Education Business Plan Competition, University of Pennsylvania, Philadelphia, PA, 2017

*Edison Innovation Award - Gold*, Language Learning Products, Edison Universe Organization, for developing the mobile applications SPEAKall!® and SPEAKmore!® for speech and language intervention in severe autism and developmental disabilities, New York City, NY, 2017

*R&D 100 Award (“Oscar of Invention”)*, R&D Magazine, for SPEAKall! selected as “One of the 100 Most Technologically Significant New Products of the Year” in the Software Services category, 2016

*Innovative Company Award*, Indiana Procurement Technical Assistance Centers, Indianapolis, IN, 2016

*State of Indiana Certificate of Recognition* for SPEAK MODalities, LLC, making an impact for Indiana families affected by autism spectrum disorders, Indianapolis, 2016

*Best of Education Tech Award* by the TechPoint Initiative Mira Awards, Indianapolis, 2015

*Entrepreneurial Leadership Academy Scholar Award (\$15,000), Burton D. Morgan Center for Entrepreneurship, Purdue University, 2015 – 16*

*Finalist and Mentee, Third Place Award, Village Capital Business Accelerator Program in Health Information Technology, 2014 – 15*

*First Place Award, International Business Pitch Challenge of the German Academic International Network – Transatlantic Entrepreneurship Network (GAIN-TEN), 2014*

*Inaugural Innovator's Hall of Fame, Purdue Research Foundation, for developing a communication application called SPEAKall! that assists children and families affected by severe, non-verbal autism, 2013*

*Silicon Valley Boiler Innovation Group (SV BIG) Award, mentoring program to commercialize software for augmentative and alternative communication in autism and developmental language disorders, Purdue University, 2013*

*Entrepreneurial Leadership Academy Fellow Award (\$5,000), Burton D. Morgan Center for Entrepreneurship, Purdue University, 2013 – 2014*

## **RESEARCH AND DEVELOPMENT SUPPORT**

**Wendt, O.,** Ehlert, A., & Boehme, K. (3/22 – 12/23, \$333,919). *Evaluation of special education schools for students with intellectual and developmental disabilities in the State of Brandenburg.* State Institute for Education and Media in Berlin-Brandenburg, Ministry for Science and Education, Brandenburg, Germany.

**Wendt, O.** (1/20 – 6/20, \$30,000). *Experimental evaluation of mobile technology for optimized speech and language training in autism and developmental disabilities.* Exploratory Research Awards, Office of the Vice President for Research, University of Central Florida.

Schlosser, R. W., **Wendt, O.,** & Moeyaert, M. (9/19 – 8/20, \$100,000). *Effects of augmentative and alternative communication interventions on speech production in individuals with autism spectrum disorders and other developmental disabilities: A systematic review and meta-analysis.* U.S. Department of Health and Human Services, Health Resources and Services Administration, R41: Autism Secondary Data Analysis Research Program.

**Wendt, O.,** & Zentner, M., (7/17 – 6/18, \$50,000). *SPEAK MODalities autism technology commercialization.* Purdue Emerging Innovations Funds, Purdue Research Foundation.

**Wendt, O.,** & Zentner, M. (1/17 – 12/17, \$100,000). *Evaluation of multi-device synchronization to extend speech therapy from the clinic into the home for children with autism in Northeast Indiana.* AWS Foundation, Fort Wayne, IN.

**Wendt, O.,** Zentner, M., & Nye, C. (06/16 – 05/17, \$152,599). *Integrated framework for simultaneous generative language training and progress tracking for minimally verbal children with autism (phase I).* National Institute on Deafness and Other Communication Disorders (NIDCD), Small Business Innovation Research Program.

**Wendt, O.,** Zentner, M., & Nye, C. (06/16 – 05/17, \$50,000 – matching funds). *Integrated framework for simultaneous generative language training and progress tracking for minimally verbal children with autism (phase I).* Indiana Economic Development Corporation and Elevate Ventures.

Zentner, M., & **Wendt, O.** (01/15 – 12/15, \$20,000). *SPEAK MODalities business development grant.* Elevate Purdue Foundry Fund.



- Wendt, O., & Yip, J.** (05/14 – 04/15, \$19,999). *Comparative efficacy of low-technology versus high-technology communication intervention for children with severe, nonverbal autism*. Clifford B. Kinley Trust Award, Purdue University.
- Wendt, O.** (7/13 – 12/13, \$50,000). *Development of SPEAKmore! A communication and language training app for individuals with severe autism*. Purdue Research Foundation, Trask Fund.
- Wendt, O.** (06/13 – 05/14, \$30,000). *An experimental evaluation of matrix training to teach graphic symbol combinations in severe autism: Pilot study*. Organization for Autism Research (OAR).
- Wendt, O.** (2/13 – 1/14, \$35,527). *Development of SPEAKall! A communication and language intervention app for individuals with severe autism*. Purdue Innovation and Commercialization Center (ICC).
- Wendt, O.** (11/12 – 5/13, \$15,020). *Electrophysiological profiles of individuals with autism spectrum disorders*. Office of the Vice President for Research, Purdue University.
- Wendt, O.** (8/12 – 7/13, \$17,287). *An experimental evaluation of matrix strategy and mand-model procedures to teach graphic symbol combinations in autism*. Purdue Research Foundation, Purdue University.
- Wendt, O., & Boesch, M.C.** (6/10 – 5/11, \$16,795). *Do replacement behaviors impact the effectiveness of Functional Communication Training (FCT)? Using a multi-element design to compare manual signs and graphic symbols*. Purdue Research Foundation, Purdue University.
- Wendt, O., Boesch, M.C., & Subramanian, A.** (1/10 – 12/10, \$13,750). *Combining exchange based communication intervention and speech output technology to enhance communicative development in children with autism*. Indiana Clinical and Translational Science Institute.
- Wendt, O., Chae, S., & Snow, D.** (05/09 – 12/10, \$20,000). *The use of speech generating devices (SGDs) in learning graphic symbol combinations: Evaluating synthetic speech output for students with autism*. Clifford Kinley Trust Award, Purdue University.
- Wendt, O.** (02/09, \$8,000, only \$4,000 awarded). *Calculating effect sizes for single-subject experimental designs: A statistical comparison of seven non-regression-based metrics*. Purdue Research Foundation Summer Faculty Grant, Purdue University.
- Wendt, O.** (6/08 – 5/09, \$16,375). *A statistical comparison of non-regression-based effect size metrics for single-subject experimental designs*. Purdue Research Foundation, Purdue University.
- Wendt, O.** (11/07, \$840). *Software for meta-analysis of intervention research in augmentative and alternative communication (AAC)*. Research Incentive Grant, College of Liberal Arts, Purdue University.
- Wendt, O., & Boesch, M.C.** (08/07 – 12/08, \$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 Award, Purdue University.

- Wendt, O.** (10/04, \$1,500). *Promoting evidence-based practice in augmentative and alternative communication for children with autism*. Student Research Grant from the American Speech-Language-Hearing Association, Division 1: Language Learning and Education.
- Wendt, O., & Lloyd, L.L.** (08/03 – 05/04, \$19,984). *The effectiveness of augmentative and alternative communication (AAC) for children with autism: A meta-analysis of intervention outcomes*. Clifford Kinley Trust Award, Purdue University.
- Wendt, O.** (05/03, \$778). Dissertation Grant-In-Aid-of-Research from Sigma Xi, The Scientific Research Society.
- Wendt, O., & Lloyd, L.L.** (01/03 – 12/04, \$26,280). *A meta-analysis of the effectiveness of augmentative and alternative communication (AAC) for children with autism*. Purdue Research Foundation, Purdue University.

## TEACHING AND TRAVEL GRANTS

- Wendt, O.** (08/16, \$1,000). Purdue Research Foundation (PRF) International Travel Grant to attend the IASSIDD Congress, Melbourne, Australia.
- Wendt, O.** (10/14, \$1,000). Purdue Research Foundation (PRF) International Travel Grant to attend the IT-ASD Conference, Paris, France.
- Wendt, O.** (09/11, \$1,000). Purdue Research Foundation (PRF) International Travel Grant to attend the Communication Matters National Conference, Leicester, UK.
- Wendt, O., & Doughty, T.** (04/12, \$2,300). *Assessment materials “Autism Diagnostic Observation Schedule-2 (ADOS-2)”*. Teaching Academy Educational Grant, Purdue University.
- Wendt, O.** (10/09, \$2,000). German Academic Exchange Service, Travel Grant to hold a workshop “*Evidence-based practice in speech-language pathology: Introduction, current themes, and clinical applications*” at Ludwig-Maximilians-University Munich, Germany.
- Wendt, O.** (10/08, \$1,061). *Learning materials for early assessment and diagnosis of autism spectrum disorders (ASD)*. Teaching Academy Educational Grant, Purdue University.
- Wendt, O.** (10/08, \$750). *Learning to screen and assess autism spectrum disorders (ASDs)*. Teaching Incentive Grant, College of Liberal Arts, Purdue University.
- Wendt, O.** (09/07, \$1,000). Purdue Research Foundation (PRF) International Travel Grant to attend the 27<sup>th</sup> World Congress of the International Association of Logopedics and Phoniatrics (IALP), Copenhagen, Denmark.
- Wendt, O.** (06/06, \$1,000). Purdue Research Foundation (PRF) International Travel Grant to attend the 12<sup>th</sup> Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC), Düsseldorf, Germany.
- Wendt, O.** (04/05, \$1,000). *Using personal digital assistants in the special education classroom*. Teaching Academy Educational Grant, Purdue University.
- Wendt, O.** (11/04, \$1,000). *A teaching module for AAC intervention with amyotrophic lateral sclerosis patients*. Teaching Academy Educational Grant, Purdue University.
- Wendt, O.** (01/04, \$1,500). A.H. Ismail Interdisciplinary Program Doctoral Research Travel Grant.

## PUBLICATIONS – REFEREED ARTICLES

(with an asterisk indicating data-based papers)

- \*O'Brien, A., Schlosser, R.W., Shane, H., & **Wendt, O.** (2021). Providing visual directives via a smart watch to a student with autism spectrum disorder: An intervention note. *Augmentative and Alternative Communication*. doi: 10.1080/07434618.2020.1862299
- \***Wendt, O.**, Allen, N. E., Ejde, O. Z., Nees, S. C., Philips, M. N., & Lopez, D. (2020). Optimized user experience design for augmentative and alternative communication via mobile technology: Using gamification to enhance access and learning for users with severe autism. In C. Stephanidis, M. Antona, Q. Gao, & J. Zhou (Eds.), *HCI International 2020 – Late Breaking Papers: Universal Access and Inclusive Design. [Lecture Notes in Computer Science: Human-Computer Interaction, Vol. 12426]*(pp. 412-428). Cham, Switzerland: Springer. doi: 10.1007/978-3-030-60149-2\_32
- Wendt, O., & Rindskopf, D. (2020). Exploring new directions in statistical analysis of single-case experimental designs (Editorial). *Evidence-based Communication Assessment and Intervention: Special Issue on Advances in Statistical Analysis and Meta-analysis of Single-Case Experimental Designs, 14*, 1-5.
- \*Gregori, E., **Wendt, O.**, Gerow, S., Peltier, C., Genc-Tosun, D., Lory, C., Gold, Z.S., & Rispoli, M. (2020). Functional Communication Training for adults with autism spectrum disorder: A systematic review and quality appraisal. *Journal of Behavioral Education, 29*, 42-63.
- \***Wendt, O.**, Hsu, N., Simon, K., Dienhart, A., & Cain, L. (2019). Effects of an iPad-based speech-generating device infused into instruction with the Picture Exchange Communication System (PECS) for adolescents and young adults with severe autism. *Behavior Modification: Special Issue on Communicative Interventions, 43*, 898-932.
- \***Wendt, O.**, Bishop, G., & Thakar, A. (2019). Design and evaluation of mobile applications for augmentative and alternative communication in minimally-verbal learners with severe autism. In M. Antona & C. Stephanidis (Eds.), *Universal Access in Human-Computer Interaction. Multimodality and Assistive Environments. [Lecture Notes in Computer Science: Human-Computer Interaction, Vol. 11573]*(pp. 193-205). Cham, Switzerland: Springer. doi: 10.1007/978-3-030-23563-5\_17
- \*Schlosser, R.W., Belfiore, P., Sigafos, J., Briesch, A., & **Wendt, O.** (2018). Appraisal of comparative single-case experimental designs for instructional interventions with non-reversible target behaviors: Introducing the CSCEDARS ("Cedars"). *Research in Developmental Disabilities, 79*, 33-52. doi:10.1016/j.ridd.2018.04.028
- \***Wendt, O.**, Yip, J., & Zentner, M. (2016). Generating behavioral and neurophysiological evidence for mobile technologies in augmentative and alternative communication. *Journal of Intellectual Disability Research, 60*, 761.
- \*Boesch, M.C., Taber-Doughty, T., **Wendt, O.**, & Smalts, S.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*, 175-185.
- \*Heyvaert, M., **Wendt, O.**, Van den Noortgate, & Onghena, P. (2015). Randomization and data-analysis items in tools for reporting and evaluating single-case experimental studies. *Journal of Special Education, 49*, 146-156.

- \*Westbrook, J.D., Fong, C.J., Nye, C., Williams, A., **Wendt, O.**, & Cortopassi, T. (2015). Transition services for youth with autism: A systematic review. *Research on Social Work Practice*, 25, 10-20. doi:10.1177/1049731514524836
- \***Wendt, O.** (2014). Experimental evaluation of *SPEAKall!* An evidence-based AAC app for individuals with severe autism. *Communication Matters*, 28, 26-28.
- \*Rudolph, J.M., & **Wendt, O.** (2014). The efficacy of the Cycles Approach: A multiple baseline design. *Journal of Communication Disorders*, 47, 1-16.
- \*Westbrook, J.D., Fong, C.J., Nye, C., Williams, A., **Wendt, O.**, & Cortopassi, T. (2013). Pre-graduation transition services for improving employment outcomes among persons with autism spectrum disorders: A systematic review. *Campbell Systematic Reviews*, 11. doi: 10.4073/csr.2013.11
- \*Boesch, M.C., **Wendt, O.**, Subramanian, A., & Hsu, N. (2013b). Comparative efficacy of the Picture Exchange Communication System (PECS) versus a speech-generating device: Effects on social-communicative skills and speech development. *Augmentative and Alternative Communication*, 29, 197-209.
- \*Boesch, M.C., **Wendt, O.**, Subramanian, A., & Hsu, N. (2013a). 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.
- \***Wendt, O.**, & Miller, B. (2012). Quality appraisal of single-subject experimental designs: An overview and comparison of different appraisal tools. *Education and Treatment of Children*, 35(2), 109-142.
- \*Chae, S., & **Wendt, O.** (2012). The effects of matrix strategy intervention on improving word combination skills in preschool children with intellectual disabilities. *Evidence-based Practice Briefs*, 6, 57-65.
- \*Gladfelter, A., **Wendt, O.**, & Subramanian, A. (2011). Evidence-based speech and language intervention techniques for the birth-to-3 population. *Evidence-based Practice Briefs*, 5, 41-50.
- Wendt, O.** (2010). Conducting systematic reviews in augmentative and alternative communication (AAC) through the Campbell Collaboration: An overview. In D. Lage (Ed.), *Theoretical and Methodological Issues in Research on Augmentative and Alternative Communication* [Proceedings of the Thirteen's Biennial Research Symposium of the International Society for Augmentative and Alternative Communication (ISAAC)](pp. 78-106). Toronto, Canada: ISAAC.
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- \*Boesch, M.C., & **Wendt, O.** (2009). Reducing self-injurious behaviors in individuals with autism: Benefits of Functional Communication Training. *Evidence-based Practice Briefs*, 4(2), 1-11.
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## **PUBLICATIONS – PEER-REVIEWED COMMENTARIES**

- Pullen, N.A., Raulston, T.J., Lang, R., & **Wendt, O.** (2014). A modified preschool life skills program focused on teaching functional communication and self-control resulted in acquisition of requesting skills and the prevention of problem behavior in small groups of preschool children [Abstract]. *Evidence-based Communication Assessment and Intervention*. DOI: 10.1080/17489539.2013.874646. Abstract of Luczynski, K.C., & Hanley, G.P. (2013), Prevention of problem behavior by teaching functional communication and self-control skills to preschoolers. *Journal of Applied Behavior Analysis*, 46, 355–368.
- Wendt, O.**, & Miller, B. (2014). Systematic review documents emerging empirical support for certain applications of iPods® and iPads® in intervention programs for individuals with developmental disabilities, but these are not a “one size fits all” solution [Abstract]. *Evidence-based Communication Assessment and Intervention*. DOI: 10.1080/17489539.2014.884986. Abstract of Kagohara, D. M., et al. (2013). Using iPods® and iPads® in teaching programs for individuals with developmental disabilities: A systematic review. *Research in Developmental Disabilities*, 34, 147–156.
- 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 [Abstract]. *Evidence-based Communication Assessment and Intervention*, 4(2), 55-61. Abstract of Preston, D., & Carter, M. (2009). A review of the efficacy of the Picture Exchange Communication System intervention. *Journal of Autism and Developmental Disorders*, 39, 1471-86.
- Nigam, R., & **Wendt, O.** (2010). Peer-mediated naturalistic teaching, both with and without a speech-generating device, has transient effect on communicative behaviors in preschool children with autism spectrum disorders [Abstract]. *Evidence-based Communication*

- Assessment and Intervention*, 4(1), 27-31. Abstract of Trembath, D., Balandin, S., Togher, L., & Stancliffe, R.J. (2009). Peer-mediated teaching and augmentative and alternative communication for pre-school children with autism. *Journal of Intellectual and Developmental Disability*, 34, 173-186.
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- Wendt, O.**, Koul, R., & Hassink, J.M. (2008). Time postonset does not impact response to treatment in patients with chronic aphasia who are  $\geq 1$  year after stroke [Abstract]. *Evidence-based Communication Assessment and Intervention*, 2(4), 199-202. Abstract of Moss, A., & Nicholas, M. (2006). Language rehabilitation in chronic aphasia and time postonset: A review of single-subject data. *Stroke*, 37, 3043-3051.
- Schlosser, R.W., & **Wendt, O.** (2008). Facilitated communication is contraindicated as a treatment choice; a meta-analysis is still to be done [Abstract]. *Evidence-based Communication Assessment and Intervention*, 2(2), 81-83. Abstract of Probst, P. (2005). Ein integratives Literatur-Review zur Wirksamkeit der gestützten Kommunikation (FC) bei nichtsprechenden autistischen und intelligenzgeminderten Personen. [Communication unbound-or unfound? An integrative review on the effectiveness of facilitated communication (FC) in non-verbal persons with autism and mental retardation.] *Zeitschrift für Klinische Psychologie, Psychiatrie und Psychotherapie*, 53, 93-128.
- Wendt, O.** (2007). Practitioners need to carefully target correspondence between requesting and selecting when teaching exchange-based communication to students with developmental disabilities [Abstract]. *Evidence-based Communication Assessment and Intervention*, 1(4), 165-168. Abstract of Sigafos, J., Ganz, J.B., O'Reilly, M., Lancioni, G.E., & Schlosser, R.W. (2007). Assessing correspondence following acquisition of an exchange-based communication system. *Research in Developmental Disabilities*, 28, 71-83.
- Wendt, O.** (2007). Recommended practices for teaching assistive technology use to infants and young children with low incidence disabilities seem to have little empirical support but methodological concerns limit the validity of this review [Abstract]. *Evidence-based Communication Assessment and Intervention*, 1(2), 60-62. Abstract of Campbell, P.H., Milbourne, S., Dugan, L.M., & Wilcox, M.J. (2006). A review of evidence on practices for teaching young children to use assistive technology devices. *Topics in Early Childhood Special Education*, 26(1), 3-13.

## PUBLICATIONS – BOOKS AND BOOK CHAPTERS

- Mamlekar, C., Dietz, A., & **Wendt, O.** (in press). History and evolution of augmentative and alternative communication. In D.R. Fuller & L.L. Lloyd (Eds.), *Principles and Practices in Augmentative and Alternative Communication* (pp. xxx-xxx). Thorofare, NJ: Slack, Inc.

- Wendt, O.** (2023). Mobile technology in augmentative and alternative communication. In N. Hall, J. Juengling-Sudkamp, M. L. Gutmann, & E.R. Cohn (Eds.), *Fundamentals of AAC: A Case-Based Approach to Enhancing Communication* (pp. 39-50). San Diego, CA: Plural Press.
- Brodhead, M.T., Rispoli, M.J., **Wendt, O.**, Akers, J.S., Gerencser, K.R., & Kim, S.Y. (2017). Treatment of core symptoms of autism spectrum disorder. In J.L. Matson (Ed.), *Handbook of Treatments for Autism Spectrum Disorder* (pp. 127-144). New York: Springer.
- Wendt, O.** (2017). AAC in autism: Challenges and practices. In D. Deliberato, D.R. de Paula Nunes, & M. de Jesus Goncalves (Eds.), *Ways towards Augmentative and Alternative Communication [Trilhando juntos a Comunicação Alternativa]* (pp. 47-62). Marília, Brazil: Brazilian Association for Special Education Research (ABPEE).
- Wendt, O.**, Quist, R.W., & Lloyd, L.L. (Eds.) (2011). *Assistive Technology. Principles and Applications for Communication Disorders and Special Education*. Bingley, UK: Emerald Publishing.
- Wendt, O.**, & Lloyd, L.L. (2011). Definitions, history, and legal aspects of augmentative and alternative communication and assistive technology. In O. Wendt, R.W. Quist & L.L. Lloyd (Eds.), *Assistive Technology. Principles and Applications for Communication Disorders and Special Education* (pp. 1-22). Bingley, UK: Emerald Publishing.
- Wendt, O.**, & Weed, J.M. (2011). Software and internet resources for assistive technology. In O. Wendt, R.W. Quist & L.L. Lloyd (Eds.), *Assistive Technology. Principles and Applications for Communication Disorders and Special Education* (pp. 69-94). Bingley, UK: Emerald Publishing.
- Weed, J.M., **Wendt, O.**, & Lloyd, L.L. (2011). Universal principles for using technology. In O. Wendt, R.W. Quist & L.L. Lloyd (Eds.), *Assistive Technology. Principles and Applications for Communication Disorders and Special Education* (pp. 95-122). Bingley, UK: Emerald Publishing.
- Wendt, O.** (2011). The future of assistive technology. In O. Wendt, R.W. Quist & L.L. Lloyd (Eds.), *Assistive Technology. Principles and Applications for Communication Disorders and Special Education* (pp. 515-524). Bingley, UK: Emerald Publishing.
- Yip, J., Davis-Whitcomb, S., & **Wendt, O.** (2011). *Connecting electroencephalography (EEG) profiles with the gamma-amino-butyric acid (GABA) neuropathology of autism as a prelude to treatment*. In V. Eapen (Eds.), *Autism (Book 2)* (pp. 463-484). Vienna, Austria: InTech Publishing.
- \***Wendt, O.** (2009). Research on the use of graphic symbols and manual signs: A systematic review. In P. Mirenda & T. Iacono (Eds.), *Autism Spectrum Disorders and AAC* (pp. 83-139). Baltimore: Paul H. Brookes.
- \*Schlosser, R.W., & **Wendt, O.** (2008). Augmentative and alternative communication intervention for children with autism: A systematic review. In J.K. Luiselli, D.C. Russo, & W.P. Christian (Eds.), *Effective Practices for Children with Autism: Educational and Behavior Support Interventions that Work* (pp. 325-389). Oxford, UK: Oxford University Press.

## BOOK CHAPTERS IN GERMAN

- Wendt, O., & Schlosser, R.W.** (2019). Kontrollierte Einzelfallforschung [Single-case Experimental Designs]. In J. Boenisch & S. Sachse (Eds.), *Kompendium Unterstützte Kommunikation [Compendium of augmentative and alternative communication]* (pp. 412-420). Stuttgart, Germany: Kohlhammer.
- Wendt, O., & Schlosser, R.W.** (2019). Besonderheiten der Effektivitätsforschung in der Unterstützten Kommunikation: Grundlagen des evidenz-basierten Ansatzes [Special topics in efficacy research on augmentative and alternative communication: Foundations of evidence-based practice]. In J. Boenisch & S. Sachse (Eds.), *Kompendium Unterstützte Kommunikation [Compendium of augmentative and alternative communication]* (pp. 404-411). Stuttgart, Germany: Kohlhammer.
- Schlosser, R.W., & **Wendt, O.** (2008). "Evidence-based Practice" innerhalb der Unterstützten Kommunikation bei Menschen mit Geistiger Behinderung [Evidence-based practice in augmentative and alternative communication for people with intellectual disability]. In H. Adam & A. Biermann (Eds.), *Handbuch zum Förderschwerpunkt geistige Entwicklung [Handbook of interventions in mental retardation]* (pp. 665-682). Göttingen, Germany: Hogrefe.
- Wendt, O.** (2005). Unterstützte Kommunikation bei Amyotropher Lateralsklerose (ALS) [Augmentative and alternative communication for amyotrophic lateral sclerosis]. In International Society for Augmentative and Alternative Communication – Germany (Ed.), *Handbuch der Unterstützten Kommunikation [Handbook of augmentative and alternative communication]* (pp. 11.29-11.44). Karlsruhe, Germany: von Loeper.

## REFEREED NEWSLETTER ARTICLES

- Wendt, O.** (2015, October). New evidence-based applications for augmentative and alternative communication in autism. *Autism Advocate*, 65(2), 61-69.
- Wendt, O.** (2015, September). Autism and speech devices: Helping kids advance skills as they mature. *Autism Speaks "Got Questions?"* Blog, retrieved September 29, 2015 at <https://www.autismspeaks.org/blog/2015/09/29/autism-and-speech-devices-helping-kids-advance-skills-they-mature>
- Wendt, O., & Zentner, M.** (2014, June). A new evidence-based tool and approach to augmentative and alternative communication in autism. *Autism Companion*, 1(5), 42-43.
- Wendt, O.** (2012, June). The places we will go: Innovative web app helps children with autism. *Case in Point*, 10(5), 24-25.
- Wendt, O.** (2010, August). Systematic reviews of Behavior Analysis research: A brief overview and introduction. *Savage Controversies*, 3(3), 2-5. (Special Interest Group on Evidence-based Practice, Association for Behavior Analysis International)
- Wendt, O.** (2006, September). Critically Appraised Topics: An approach to critical appraisal of evidence. *Perspectives on Augmentative and Alternative Communication*, 15(3), 24-26.
- Wendt, O.** (2006, September). Searching for and finding evidence in augmentative and alternative communication (AAC). *Perspectives on Augmentative and Alternative Communication*, 15(3), 19-21.



## SCIENTIFIC PATENTS

- Wendt, O.** (2014). *Generative language training using electronic display*. Full patent filed with US Patent and Trademark Office, No. 61/824,396. Washington, DC.
- Wendt, O.** (2017). *Progress tracking for language learning using an electronic processor*. Divisional patent application filed with US Patent and Trademark Office, Washington, DC.
- Wendt, O.** (2017). *Predictive language learning algorithms using electronic display*. Divisional patent application filed with US Patent and Trademark Office, Washington, DC.

## SOFTWARE

- Wendt, O.** (2020, May). *SPEAKplay! Training motor access for mobile technologies through gamification*. Orlando, FL: Author.
- Wendt, O.** (2019, May). *SPEAKall! Lite. An iPhone and iPod platform for augmentative and alternative communication in autism and developmental disabilities*. Orlando, FL: Author.
- Wendt, O.** (2018, February). *SPEAKall! 2.5 and SPEAKtogether! Cloud-based content and data management for speech and language training in autism and developmental disabilities*. West Lafayette, IN: SPEAK MODalities, LLC.
- Wendt, O.** (2017, January). *SPEAKall! 2.0. A versatile speech and language training platform*. West Lafayette, IN: SPEAK MODalities, LLC.
- Wendt, O.** (2016, November). *SPEAKmore! An app for matrix training in developmental language disorders*. West Lafayette, IN: SPEAK MODalities, LLC.
- Wendt, O.** (2015, September). *SPEAKall! (Android version). An interactive augmentative and alternative communication app for autism or developmental disabilities*. West Lafayette, IN: SPEAK MODalities, LLC.
- Wendt, O.** (2014). *SPEAKall! Premium Plus. Advanced communication for severe autism*. West Lafayette, IN: SPEAK MODalities, LLC.
- Wendt, O.** (2013). *SPEAKall! A communication app for severe autism*. West Lafayette, IN: SPEAK MODalities, LLC

## MANUSCRIPTS IN PREPARATION AND RESEARCH IN PROGRESS

- Azzato, A., & **Wendt, O.** (in preparation). Experimental evaluation of an iPad-based augmentative and alternative communication program for preschoolers with severe autism. [Target journal: *Developmental Neurorehabilitation*]. Based on Master's thesis available at <http://speakmod.com/wp-content/uploads/2017/02/arianna-thesis.pdf>
- Wendt, O.**, Boesch, M. C., Subramanian, A., Hsu, N., & Johnstone, K. (in preparation). Effects of infusing speech output technology into the Picture Exchange Communication System for children with autism. [Target journal: *Journal of Autism and Developmental Disorders*]
- Wendt, O.**, & Evmenova, A. (in preparation). Multiple hypothesis testing in single-subject experimental designs. [Target journal: *SAGE Research Case Studies*]

**Wendt, O.,** Hsu, N., Cain, L., Dienhart, A., & Warner, K. (in preparation). Experimental evaluation of a parent-implemented AAC intervention protocol for children with severe autism. [Target journal: *Research in Autism Spectrum Disorders*]

## INVITED LECTURES AND WORKSHOPS

**Wendt, O.** (2021, May, December). *Implementation of mobile technology for advanced intervention in augmentative and alternative communication for children with autism: From natural speech to social interaction.* Workshop presented at the Loguan Autism Congress, Ulm, Germany; repeated at Loguan Online Workshop Series.

**Wendt, O.** (2020, September). *Innovation in mobile technology for augmentative and alternative communication: Targeting advanced speech and language outcomes for learners with severe autism.* Keynote delivered at the 15<sup>th</sup> Annual Thompson Center Autism Conference (virtual event), University of Missouri, Columbia, MO.

**Wendt, O.,** Allen, N. E., Ejde, O. Z., Nees, S. C., Philips, M. N., & Lopez, D. (2020, July). *Optimized user experience design for augmentative and alternative communication via mobile technology: Using gamification to enhance access and learning for users with severe autism.* Invited paper presented at the 22<sup>nd</sup> International Conference on Human-Computer Interaction (HCII), Copenhagen, Denmark.

**Wendt, O.,** Bishop, G., & Thakar, A. (2019, July). *Design and evaluation of mobile applications for augmentative and alternative communication in minimally-verbal learners with severe autism.* Invited paper presented at the 21<sup>st</sup> International Conference on Human-Computer Interaction (HCII), Orlando, FL.

**Wendt, O.** (2019, February). *Evidence-based assessment and intervention in augmentative and alternative communication for autism spectrum disorder.* Workshop hosted by the Center for Autism and Related Disabilities, through the Partnership for Effective Programs for Students with Autism (PEPSA), State of Florida, Department of Education, Orlando, FL.

**Wendt, O.** (2018, 2016, December). *Introduction to evidence-generation and evidence-based practice in autism spectrum disorders.* Workshop presented at the Institute for Autism Research, Jacobs University Bremen, Germany.

**Wendt, O.** (2018, 2016, December). *Implementation of augmentative and alternative communication for autism spectrum disorders.* Workshop presented at the Institute for Autism Research, Jacobs University Bremen, Germany.

Weber, B., **Wendt, O.,** & Pendleton, S. (2018, July). *Evidence-based AAC strategies for autism and developmental disabilities: From early intervention to advanced language training.* Workshop presented at the Annual Conference of the Rehabilitation Engineering and Assistive Technology Society of North America (RESNA), Washington, DC.

**Wendt, O.** (2017, December). *Evidence-based assessment and intervention in augmentative and alternative communication for autism spectrum disorders.* Invited seminar presented to the Department of Rehabilitation Sciences, Program for Physical Disabilities (Prof. Dr. Boenisch), University of Cologne, Germany.

**Wendt, O.** (2017, December). *Introduction to the research methodology of single-case experimental designs.* Invited doctoral colloquium presented to the Department of Rehabilitation Sciences, Program for Physical Disabilities (Prof. Dr. Boenisch), University of Cologne, Germany.

- Wendt, O.,** Warner, K., & Garcia, K. (2017, September, November). *Evidence-based speech and language intervention with SPEAKall!* Workshop presented at Turnstone Center for Children and Adults with Disabilities, & Wawasee Community School Corporation, Fort Wayne, IN.
- Wendt, O.** (2017, August). *Experimental evaluation of AAC interventions: Research designs for applied researchers and practitioners.* Mini-course conducted at the 7<sup>th</sup> Brazilian Conference on Augmentative and Alternative Communication, Natal, Brazil.
- Wendt, O.** (2017, August). *AAC in autism: Challenges and practices.* Invited lecture presented at the 7<sup>th</sup> Brazilian Conference on Augmentative and Alternative Communication, Natal, Brazil.
- Wendt, O.,** & Schlosser, R. W. (2017, June). *Single-case experimental designs for the evaluation of autism technology.* Invited lecture presented at the 3<sup>rd</sup> International Conference on Innovative Technologies for Autism, Valencia, Spain.
- Wendt, O.** (2017, March). *Understanding meta-analyses of studies using single-case experimental designs: A primer for ABA practitioners.* Invited tutorial conducted at the 7<sup>th</sup> Annual Convention of the Association for Professional Behavior Analysts (APBA), New Orleans, LA.
- Nye, C., **Wendt, O.,** & Bernard, R. (2017, March). *Evidence-based Practice in speech-language pathology.* Seminar presented at the Technological Educational Institute of Western Greece, Patras, Greece.
- Schlosser, R., & **Wendt, O.** (2016, August). *Thinking about research? Single-case experimental designs: Strategies, quality standards, and pitfalls to avoid.* Workshop conducted at the 17<sup>th</sup> Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC), Toronto, Canada.
- Wendt, O.,** Rispoli, M. J., Brodhead, M. T., & Nigam, R. (2016, May). *Mobile technologies for autism intervention: Strategies for communication and visual support, and remediating challenging behavior.* Workshop conducted at the 42nd Annual Convention of the Association for Behavior Analysis International (ABAI), Chicago, IL.
- Wendt, O.** (2015, June). *Pseudoscience in autism treatment.* Workshop conducted at the Center for Autism and Related Disabilities, University of Florida-Jacksonville, Jacksonville, FL.
- Wendt, O.** (2015, June). *Using iPads and tablets for augmentative and alternative communication in autism spectrum disorders: Research-based strategies for practitioners and caregivers.* Workshop hosted by the University of Florida - Jacksonville, Division of Developmental Pediatrics, Center for Autism and Related Disabilities, Jacksonville, FL.
- Wendt, O.,** & Studebaker, E. (2014, October). *SPEAKall!® An evidence-based approach to speech and language development through augmentative and alternative communication.* “Lunch & Learn” workshop conducted at the Annual Crossroads Conference for Communicative Disorders, Purdue University, West Lafayette, IN.
- Wendt, O.** (2014, October). *Evidence-based iPad-interventions in augmentative and alternative communication (AAC).* Workshop conducted at the Annual Conference of the Indiana Association of Behavioral Consultants (IN-ABC), Indianapolis, IN.
- 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 conducted at the 40th

- Annual Convention of the Association for Behavior Analysis International (ABAI), Chicago, IL.
- Wendt, O.** (2014, May). *Evidence-based strategies in augmentative and alternative communication for autism and developmental disabilities*. Online lecture sponsored by San Francisco State University, Department of Special Education and Communicative Disorders, San Francisco, CA.
- Wendt, O.** (2014, March). *Assessment and intervention in augmentative and alternative communication (AAC) for autism spectrum disorders*. Workshop hosted by San José State University, Department of Communicative Disorders and Sciences, San José, CA.
- Wendt, O.** (2014, February). *Pseudoscience in autism treatment*. Workshop hosted by the University of Central Florida, Department of Communication Sciences and Disorders, and Florida Alliance for Assistive Services and Technology (FAAST), Orlando, FL.
- Wendt, O.** (2014, February). *SPEAKall!® Evidence-based augmentative and alternative communication in autism*. Workshop hosted by the University of Central Florida, Department of Communication Sciences and Disorders, and Florida Alliance for Assistive Services and Technology (FAAST), Orlando, FL.
- Wendt, O.** (2013, November). *Evidence generation and evidence-based practice in augmentative and alternative communication (AAC)*. Keynote address given at the 6<sup>th</sup> Symposium of Augmentative and Alternative Communication (Quality and Funding of AAC), German Association for Rehabilitation, Frankfurt, Germany.
- Wendt, O.** (2013, October). *Evidence-based strategies in augmentative and alternative communication (AAC)*. Workshop conducted at the Annual Conference of the Indiana Association of Behavioral Consultants (IN-ABC), Indianapolis, IN.
- Nye, C., & **Wendt, O.** (2013, April). *Developing high quality research syntheses*. Invited workshop held for grantees and staff of the National Institute on Disability and Rehabilitation Research (NIDRR); sponsored by the Center on Knowledge Translation for Disability and Rehabilitation Research (KTDRR), National Institute on Disability and Rehabilitation Research (NIDRR), Washington, DC.
- Wendt, O., & Studebaker, E.** (2013, April). *Evidence-based interventions in augmentative and alternative communication (AAC) for autism spectrum disorders*. Invited lecture given at the Annual Convention of the Indiana Speech-Language-Hearing Association (ISHA), Indianapolis, IN.
- Wendt, O.** (2012, July). *Evidence-based interventions in augmentative and alternative communication (AAC) for autism spectrum disorders*. Workshop conducted at the National Autism Conference, Pennsylvania State University, College Park, PA.
- Wendt, O.** (2011, January). *Identifying pseudoscientific treatments in autism spectrum disorders: Recommendations for practitioners*. Workshop conducted at “Think Autism”, 18th Annual Conference of the Center for Autism and Related Disorders (CARD), University of Central Florida, Orlando, FL.
- Wendt, O.** (2011, January). *Augmentative and alternative communication (AAC) in autism: What does the research evidence say?* Workshop conducted at “Think Autism”, 18th Annual Conference of the Center for Autism and Related Disorders (CARD), University of Central Florida, Orlando, FL.

- Wendt, O.** (2011, January). *Basic and advanced procedures in single-subject experimental research*. Full-day workshop conducted at the Department of Communication Sciences and Disorders, University of Central Florida, Orlando, FL.
- Wendt, O., Nye, C., Hannes, K., & Van den Noortgate, W.** (2010, June). *Systematic reviews and meta-analysis*. Workshop conducted at the Centre for Methodology of Educational Research, Catholic University of Leuven, Belgium.
- 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 conducted at the 36th Annual Convention of the Association for Behavior Analysis International (ABAI), San Antonio, TX.
- Nye, C., & **Wendt, O.** (2009-2010). *Conducting systematic reviews of evidence-based disability and rehabilitation research*. Online training course sponsored by the National Center for the Dissemination of Disability Research (NCDDR), National Institute on Disability and Rehabilitation Research (NIDRR), Washington, DC.
- Wendt, O.** (2009, November). *Evidence-based therapy in Speech-Language Pathology: Basic principles and current topics*. Invited guest lecture presented at the Research Institute of Language and Rehabilitation, Ludwig-Maximilians-University Munich, Germany.
- Wendt, O.** (2009, November). *Evidence-based therapy in Speech-Language Pathology: Implementation into daily practice*. Invited workshop presented at the Research Institute of Language and Rehabilitation, Ludwig-Maximilians-University Munich, Germany.
- Wendt, O., Nigam, R., & Boesch, M.C.** (2009, June). *Autism spectrum disorders: Evidence-based AAC interventions*. Invited workshop sponsored by the Department of Communication Disorders, Governors State University, University Park, IL.
- Schlosser, R.W., & **Wendt, O.** (2008, December). *Systematic reviews and meta-analyses of single-subject experimental designs (SSEDs)*. Invited webcast sponsored by the National Center for the Dissemination of Disability Research (NCDDR), National Institute on Disability and Rehabilitation Research (NIDRR), Washington, DC.
- Schlosser, R.W., & **Wendt, O.** (2008, October). *Systematic reviews and meta-analyses of single-subject experimental designs (SSEDs)*. Invited workshop held for grantees and staff of the National Institute on Disability and Rehabilitation Research (NIDRR), Washington, DC.
- Wendt, O.** (2007, June). *Current research activities related to autism spectrum disorders at Purdue University*. Invited guest lecture presented to the Lafayette Autism Support Group, Kathryn Weil Center at Home Hospital, Lafayette, IN.
- Wendt, O.** (2007, April). *The evidence base for augmentative and alternative communication in autism spectrum disorders: A systematic research review*. Keynote address given at the AAC Study Day on “Augmentative Communication for Children with Autism – What Do We Know” sponsored by Communication Matters (ISAAC-UK), London, UK.
- Wendt, O.** (2007, February). *The evidence base in augmentative and alternative communication in autism*. Invited guest lecture presented to the Department of Speech-Language Pathology and Audiology, Northeastern University, Boston, MA.
- Wendt, O.** (2006, January). *Strategies for successful evidence searches in augmentative and alternative communication*. Invited paper presented at the Annual Conference of the Division on Augmentative and Alternative Communication, American Speech-Language-Hearing Association, San Antonio, TX.

- Wendt, O.** (2006, January). *Developing “Critically Appraised Topics (CATs)” to support evidence-based practice in augmentative and alternative communication*. Invited paper presented at the Annual Conference of the Division on Augmentative and Alternative Communication, American Speech-Language-Hearing Association, San Antonio, TX.
- Wendt, O., & Schlosser, R.W.** (2005, March). *Searching successfully for evidence in augmentative and alternative communication: Navigating a scattered literature*. Invited paper presented at the Biennial Conference of the United States Society for Augmentative and Alternative Communication (USSAAC), Los Angeles, CA.
- Schlosser, R.W., & **Wendt, O.** (2004, November). *Searching for and finding evidence in augmentative and alternative communication*. Invited paper presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Philadelphia, PA.
- Wendt, O.** (2002, August). “AAC and Assistive Technology”: Das Verhältnis von AAC und Rehabilitationstechnologie in den USA [“AAC and Assistive Technology”: The relationship between augmentative and alternative communication and assistive technology in the United States of America]. In W. Dreher (Chair), *Augmentative and Alternative Communication (AAC) im deutsch-amerikanischen Dialog [Augmentative and Alternative Communication (AAC) in a German-American Dialogue]*. Symposium conducted at the international AAC meeting at the School of Special Education, University of Cologne, Germany.

#### **RESEARCH AND OTHER CONFERENCE PRESENTATIONS (\* indicates refereed)**

- \*Panzarino, R., Vanryckeghem, M., **Wendt, O.**, & Bedwell, J. (2022, May). *Psychological distress and affective, behavioral and cognitive experiences of the person who stutters*. Technical presentation at the Joint World Congress on Stuttering and Cluttering. Montreal, Canada.
- \***Wendt, O.**, & Weber, B. (2021, November). *Early language supports within augmentative and alternative communication for children with autism spectrum disorders*. Paper presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Washington, DC.
- \***Wendt, O.**, & Weber, B. (2021, September). *Early language intervention in augmentative and alternative communication for learners with severe autism*. Paper presented at the Virtual and International Communication Matters Conference (ISAAC-UK), University of Leeds, UK.
- \***Wendt, O.** (2021, September). *SPEAKplay! Training motor access on mobile devices for young communicators*. Lightning Talk presented at the Virtual and International Communication Matters Conference (ISAAC-UK), University of Leeds, UK.
- \***Wendt, O.**, Schlosser, R.W., & Moeyaert, M. (2020, November). *Meta-analysis of single-case experimental designs: The effects of augmentative and alternative communication on natural speech production in autism and developmental disorders*. Paper presented at the First Digital Conference of the Working Group for Empirical Special Education Research, Potsdam, Germany.
- \*Abarca, D., Towson, J., **Wendt, O.**, López Castillo, H., & Levin, J. (2020, November). Proposal Number 11360: *Linguistic interactions between adolescent mothers and their*

- young children*. Proposal accepted at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (Convention canceled).
- \***Wendt, O.**, & Nigam, R., & Warner, K. (2020, May). *Generative language training on a mobile platform to enhance language learning and generalization in minimally-verbal autism*. E-Poster presented at the International Society for Autism Research (INSAR) Virtual Meeting, <https://insar.confex.com/insar/2020/meetingapp.cgi/Search/0>
  - \***Wendt, O.**, Hsu, N., Simon, K., Dienhart, A., & Cain, L. (2020, February). *Effects of an iPad-based speech-generating device infused into instruction with the Picture Exchange Communication System for adolescents and young adults with severe autism spectrum disorder*. Poster presented at the 14th Annual Autism Conference of the Association for Behavior Analysis International (ABAI), Miami, FL.
  - \***Wendt, O.**, & Weber, B. (2019, November). *Right from the start: Augmentative and alternative communication to support skill development during daily routines*. Paper presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Orlando, FL.
  - \***Wendt, O.** (2019, November). *Evidence-based mobile technologies for optimized speech and language training in autism and developmental disabilities*. Technology demonstration held at the Annual Arc Tank Innovation Competition for Disability Services, Northeast Arc Foundation, Boston, MA.
  - \***Wendt, O.** (2019, September). *Effects of a parent-implemented AAC intervention protocol on functional communication and natural speech production in minimally-verbal children with autism*. Paper presented at the International Communication Matters Conference (ISAAC-UK), University of Leeds, UK.
  - \***Wendt, O.** (2019, September). *Evidence-generation for mobile AAC technologies in autism intervention*. Poster presented at the International Communication Matters Conference (ISAAC-UK), University of Leeds, UK.
  - \***Wendt, O.** (2019, September). *Better AAC interfaces to enhance speech, language, and social communication for minimally-verbal learners with autism*. Lightning Talk presented at the International Communication Matters Conference (ISAAC-UK), University of Leeds, UK.
  - \***Wendt, O.**, Nigam, R., & Warner, K. (2019, May). *Effects of matrix training using mobile technology to enhance generative language learning in minimally-verbal individuals with severe autism*. Poster presented at the 45th Annual Convention of the Association for Behavior Analysis International (ABAI), Chicago, IL.
  - \***Wendt, O.**, & Weber, B. (2018, November). *Critical issues in early language training using augmentative and alternative communication in autism spectrum disorders*. Paper presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Boston, MA.
  - \***Wendt, O.**, & Nigam, R. (2018, November). *Experimental evaluation of matrix-training on a mobile application to enhance language generalization in minimally-verbal autism*. Paper presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Boston, MA.
  - \*Balasubramanian, Y., Gutmann, M., & **Wendt, O.** (2018, November). *AAC intervention using mobile technology for adults with acquired disorders: Effects on communication and*

- quality of life*. Poster presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Boston, MA.
- \***Wendt, O.** (2018, October). *Quality appraisal of single-case experimental designs: Current issues and future directions*. Paper presented at the Global Evidence and Implementation Summit (GEIS), Melbourne, Australia.
  - \***Wendt, O.** (2018, February). *Implementing mobile technologies for minimally-verbal learners in a school district*. Paper presented at the Annual National Conference on Education - "Education in the Digital Age", American Association of School Administrators (AASA), Nashville, TN.
  - \***Wendt, O., & Weber, B.** (2017, November). *Evidence-based augmentative and alternative communication strategies for early intervention in autism spectrum disorders*. Paper presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Los Angeles, CA.
  - \***Wendt, O., Zentner, M., & Yip, J.** (2017, June). *Generating behavioral, data-analytical, and neurophysiological evidence for mobile technologies in augmentative and alternative communication*. Poster presented at the 3rd International Conference on Innovative Technologies for Autism, Valencia, Spain.
  - \***Wendt, O., & Nigam, R.** (2017, May). *Matrix training on a mobile application to enhance language learning and generalization in minimally-verbal autism*. Poster presented at the 16th Annual International Meeting for Autism Research (IMFAR), San Francisco, CA.
  - \***Zentner, M., & Wendt, O.** (2017, May). *Integrating user analytics into mobile applications for speech and language treatment in autism*. Poster presented at the 16th Annual International Meeting for Autism Research (IMFAR), San Francisco, CA.
  - \***Wendt, O.** (2016, November). *Overview of effect size metrics*. Paper presented at the Panel "Clinical Significance and Effect Size for Single Subject Experimental Designs: Interpreting Effects of Language Intervention" at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Philadelphia, PA.
  - \***Wendt, O., Studebaker, E., & Weber, B.** (2016, November). *From requesting to social engagement: Evidence-based augmented input interventions for minimally-verbal learners with autism*. Paper presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Philadelphia, PA.
  - \***Wendt, O., Zentner, M., & Yip, J.** (2016, August). *Generating behavioral and neurophysiological evidence for mobile technologies in augmentative and alternative communication*. Paper presented at the 15<sup>th</sup> World Congress of the International Association for the Scientific Study of Intellectual and Developmental Disabilities (IASSIDD), Melbourne, Australia.
  - \***Wendt, O.** (2016, August). *Experimental evaluation of a parent-implemented AAC intervention protocol for children with severe autism*. Paper presented at the 17<sup>th</sup> Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC), Toronto, Canada.
  - \***Yip, J., & Wendt, O.** (2016, May). *Neurophysiological changes in response to intervention in non-verbal individuals on the autism spectrum*. Paper presented at the 42<sup>nd</sup> Annual Convention of the Association for Behavior Analysis International (ABAI), Chicago, IL.



- \*Zentner, M., & **Wendt, O.** (2016, May). *Mobile technology usage by the other numbers: User analytics for assessing and justifying implementation of mobile applications*. Poster presented at the 15th Annual International Meeting for Autism Research (IMFAR), Baltimore, MD.
- \*Rasche, N., & **Wendt, O.** (2016, May). *Development of a mobile application for early literacy and language intervention in children with autism spectrum disorder*. Poster presented at the 15th Annual International Meeting for Autism Research (IMFAR), Baltimore, MD.
- \*Azzato, A., **Wendt, O.**, Hsu, N., Warner, K., & Goss, A. (2015, November). *Experimental evaluation of an iPad-based augmentative & alternative communication program for preschoolers with severe autism*. Poster presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Denver, CO.
- \***Wendt, O.**, Studebaker, E., & Storm, G. (2015, November). *From requesting to early language and pragmatics: Integrating augmentative and alternative communication and social-skills training*. Paper presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Denver, CO.
- \***Wendt, O.**, Storm, G., & Zentner, M. (2015, July). *From picture exchange to using apps and iPads: Evidence-based strategies in augmentative and alternative communication*. Paper presented at the 46<sup>th</sup> Annual Autism Society National Conference, Denver, CO.
- \***Wendt, O.** (2015, May). *Current issues in research synthesis and meta-analysis of single-case experiments on autism treatment*. Paper presented at the 41<sup>st</sup> Annual Convention of the Association for Behavior Analysis International (ABAI), San Antonio, TX.
- \***Wendt, O.**, Hsu, N., Torelli, A., Warner, K., & Goss, A. (2015, May). *Generative language learning in severe autism: Experimental evaluation of a mobile application*. Poster presented at the 14th Annual International Meeting for Autism Research (IMFAR), Salt Lake City, UT, and the 41<sup>st</sup> Annual Convention of the Association for Behavior Analysis International (ABAI), San Antonio, TX.
- \***Wendt, O.**, & Miller, B. (2015, April). *A comparison of non-regression-based effect size metrics for single-case experimental designs*. Poster presented at the Annual Meeting of the American Educational Research Association (AERA), Chicago, IL.
- \***Wendt, O.**, & Evmenova, A. (2015, April). *Multiple hypothesis testing in single-subject experimental designs*. Poster presented at the Annual Meeting of the American Educational Research Association (AERA), Chicago, IL.
- \***Wendt, O.** (2015, January). *Transitioning from Picture Exchange Communication Systems to iPad-based AAC interventions*. Paper presented at the 15<sup>th</sup> International Conference of the Assistive Technology Industry Association (ATIA), 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 (ASHA), Orlando, FL.
- \***Wendt, O.**, & Zentner, M. (2014, October). *SPEAKall!® and SPEAKmore!™ Research-based iPad applications for augmentative and alternative communication in severe autism*. Paper presented at the 2<sup>nd</sup> International Conference on Innovative Technologies for Autism, Pasteur Institute, Paris, France.

- \***Wendt, O.**, Hsu, N., Tan, M., Simon, K., & Warner, K. (2014, May). *Experimental evaluation of a parent-implemented augmentative and alternative communication protocol for children with severe autism*. Poster presented at the 13th Annual International Meeting for Autism Research (IMFAR), Atlanta, GA; and at the 40th Annual Convention of the Association for Behavior Analysis International (ABAI), Chicago, IL.
- \***Wendt, O.**, Hsu, N., Cain, L., Dienhart, A., & Simon, K. (2013, November). *Experimental evaluation of a parent-implemented AAC intervention protocol for children with severe autism. Preliminary results*. Paper presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Chicago, IL.
- \*Hsu, N., **Wendt, O.**, Cain, L., Dienhart, A., & Simon, K. (2013, November). *Effects of an iPad-based Picture Exchange Communication System for young adults with severe autism*. Poster presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Chicago, IL; and at the 40th Annual Convention of the Association for Behavior Analysis International (ABAI), Chicago, IL.
- \***Wendt, O.**, Hsu, N., Cain, L., Casey, R., Dienhart, A., Mattice, E., & Simon, K. (2013, September). *A series of experimental investigations on iPad-based AAC interventions for individuals with severe autism*. Paper presented at the Communication Matters National Conference (ISAAC-UK), University of Leeds, UK.
- \***Wendt, O.**, Hsu, N., Cain, L., Dienhart, A., & Simon, K. (2013, June). *Parent-implemented augmentative and alternative communication for non-verbal children with severe autism: Effects on functional communication and natural speech development*. Poster presented at the Symposium on Research in Child Language Disorders (SRCLD), Madison, WI.
- \*Hsu, N., **Wendt, O.**, Cain, L., Dienhart, A., & Simon, K. (2013, June). *Effects of an iPad-based Picture Exchange Communication System for young adults with severe autism*. Poster presented at the Symposium on Research in Child Language Disorders (SRCLD), Madison, WI.
- \***Wendt, O.**, Maeda, Y., & Miller, B. (2013, May). *Overview and comparison of regression-versus non-regression-based effect size measures for single-subject experimental designs*. Paper presented at the Annual International Campbell Collaboration Colloquium, Chicago, IL.
- \***Wendt, O.**, & Miller, B. (2013, May). *Quality appraisal tools for single-subject experimental designs*. Paper presented at the Annual International Campbell Collaboration Colloquium, Chicago, IL.
- \*Hsu, N., & **Wendt, O.** (2012, November). *Evaluating research evidence of SGD intervention in individuals with autism*. Poster presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Atlanta, GA.
- \*Binger, C., Kent-Walsh, J., Soto, G., & **Wendt, O.** (2012, November). *Single-case research in AAC: Update on design standards*. Poster presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Atlanta, GA.
- \*Binger, C., Kent-Walsh, J., Soto, G., & **Wendt, O.** (2012, August). *What works with single case research in AAC*. Poster presented at the Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC), 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 (ISAAC), Pittsburgh, PA.
- \***Wendt, O.**, & Golinker, L. (2012, August). *Applying Evidence-based Practice principles to support SGD funding for individuals with autism spectrum disorders*. Paper presented at the Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC), 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*. Poster presented at the 11th Annual International Meeting for Autism Research (IMFAR), Toronto, Canada.
- \***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 (ASHA), San Diego, CA.
- \*Hsu, N., & **Wendt, O.** (2011, November). *Critically Appraised Topic on social stories for increasing social communication*. Poster presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), San Diego, CA.
- \*Gladfelter, A., Subramanian, A., & **Wendt, O.** (2011, November). *Systematic review of interventions used for late-talking toddlers*. Paper presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), San Diego, CA.
- \***Wendt, O.**, Boesch, M.C., Subramanian, A., Hsu, N., & Johnstone, K.M. (2011, September). *Combining exchanged-based communication with speech-output technology: A series of experimental investigations*. Paper presented at the Communication Matters National Conference (ISAAC-UK), University of Leicester, UK.
- \***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 (SRCLD), Madison, WI.
- \***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 (ASHA), Philadelphia, PA.
- \*Chae, S., & **Wendt, O.** (2010, November). *Critically Appraised Topic on the effects of matrix strategies*. Poster presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Philadelphia, PA.
- \***Wendt, O.** (2010, October). *Combining Hierarchical Linear Modeling and non-regression-based effect size metrics in a meta-analysis of single-subject experimental research*. Paper presented at the Joint Colloquium of the Campbell and Cochrane Collaborations, Keystone, CO.
- \*Boesch, M.C., & **Wendt, O.** (2010, May). *Reducing self-injurious behaviors in a middle-school student with autism: A case study*. Poster presented at the 36th Annual Convention of the Association for Behavior Analysis International (ABAI), San Antonio, TX.
- \*Mulloy, A., **Wendt, O.**, Lang, R., & Parker, R.I. (2010, May). *Research synthesis of single-subject experimental designs: A critical survey of current methodologies*. Symposium

- conducted at the 36th Annual Convention of the Association for Behavior Analysis International (ABAI), San Antonio, TX.
- \***Wendt, O.** (2010, January). *A statistical comparison of effect size metrics for single-subject experimental designs used in autism research*. Poster presented at the 4<sup>th</sup> Autism Conference of the Association for Behavior Analysis International (ABAI), Chicago, IL.
  - \***Wendt, O.,** & Hewitt, L. (2009, November). *Pseudoscience versus Evidence-Based Practice in Autism Spectrum Disorders: What practitioners should know*. Educational session presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), 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 (ASHA), New Orleans, LA.
  - \*Boesch, M.C., **Wendt, O.,** & Taber-Doughty, T. (2009, November). *Functional Communication Training: A comparison of two replacement behaviors*. Poster presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), New Orleans, LA.
  - \*Subramanian, A., **Wendt, O.,** Gladfelter, A., & Storm, G. (2009, November). *A scoping review of speech-language intervention in the birth-3 population*. Poster presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), New Orleans, LA.
  - \*Schlosser, R.W., Nye, C., **Wendt, O.,** & Schwartz, J. (2009, May). *The evidence base for speech-language interventions: Behavioral interventions of stuttering, manual signs, and PECS*. Symposium conducted at the 35th Annual Convention of the Association for Behavior Analysis International (ABAI), Phoenix, Arizona.
  - \***Wendt, O.,** Nye, C., Schlosser, R.W., & Shriver, M. (2009, May). *Recent developments in evidence-based practice and their relevance for the field of Applied Behavior Analysis*. Symposium conducted at the 35th Annual Convention of the Association for Behavior Analysis International (ABAI), Phoenix, Arizona.
  - \*Boesch, M.C., & **Wendt, O.** (2009, May). *Do replacement behaviors impact the effectiveness of Functional Communication Training? Manual signs versus graphic symbols*. Poster session presented at the 35th Annual Convention of the Association for Behavior Analysis International (ABAI), Phoenix, Arizona.
  - \*Schlosser, R.W., & **Wendt, O.** (2009, May). *Not all reviews are created equal: An overview of appraisal methods*. Symposium conducted at the Ninth Annual International Campbell Collaboration Colloquium, Oslo, Norway.
  - \*Schlosser, R.W., & **Wendt, O.,** & Beretvas, N. (2009, May). *Effects of the Picture Exchange Communication System in children with autism spectrum disorders. A systematic review*. Paper presented at the Ninth Annual International Campbell Collaboration Colloquium, Oslo, Norway.
  - \***Wendt, O.** (2009, May). *Calculating effect sizes for single-subject experimental designs*. Paper presented at the Ninth Annual International Campbell Collaboration Colloquium, Oslo, Norway.

- \***Wendt, O.**, Schlosser, R.W., & Lloyd, L.L. (2009, May). *The impact of augmentative and alternative communication on the development of functional communication skills in individuals with autism spectrum disorders: A meta-analysis of intervention research from 1976-2008*. Poster session presented at the 8th Annual International Meeting for Autism Research (IMFAR), Chicago, IL.
- \*Hassink, J.M., & **Wendt, O.** (2008, November). *Impact of the Cycles approach on phonological remediation: A Critically Appraised Topic*. Poster session presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Chicago, IL.
- \*Schlosser, R.W., **Wendt, O.**, Nigam, R., & Koul, R. (2008, November). *Reporting of treatment integrity in Augmentative and Alternative Communication intervention studies: A systematic review*. Poster session presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Chicago, IL.
- \***Wendt, O.** (2008, November). *A systematic review on AAC interventions applying graphic symbols for autism spectrum disorders*. Poster session presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Chicago, IL.
- \***Wendt, O.**, & Schlosser, R.W. (2008, September). *Calculating effect size estimates for single-subject experimental designs*. Poster presented at the 2008 Education Conference of the Association for Behavior Analysis International (ABAI), Reston, VA.
- \*Schlosser, R.W., & **Wendt, O.** (2008, August). *Effects of AAC intervention in children with autism: A systematic review*. Paper presented at the Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC), Montreal, Canada.
- \*Schlosser, R.W., **Wendt, O.**, Beretvas, N.S., & Robinson, E. (2008, August). *Effects of the Picture Exchange Communication System in children with autism spectrum disorders: A systematic review*. Paper presented at the Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC), Montreal, Canada.
- \*Tan, M., & **Wendt, O.** (2008, August). *A systematic review of cross-cultural graphic symbol research in augmentative and alternative communication*. Paper presented at the Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC), Montreal, Canada.
- \***Wendt, O.**, & Chacon, M. (2008, August). *The impact of different replacement behaviors on the effectiveness of Functional Communication Training for children with autism: A comparative efficacy study*. Poster presented at the Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC), Montreal, Canada.
- \***Wendt, O.**, & Schlosser, R.W. (2008, August). *Systematic reviews of research in augmentative and alternative communication*. Seminar conducted at the Research Symposium of the International Society for Augmentative and Alternative Communication (ISAAC), Montreal, Canada.
- \*Hassink, J.M., & **Wendt, O.** (2008, June). *A Critically Appraised Topic on the effectiveness of the Cycles approach for phonological disorders*. International Child Phonology Conference, Purdue University, West Lafayette, IN.

- \*Wendt, O. (2008, May). *Effect size indices for single-subject experimental designs: An overview and comparison*. Paper presented at the 34<sup>th</sup> Annual Convention of the Association for Behavior Analysis International (ABAI), Chicago, IL.
- \*Wendt, O. (2008, May). *Calculating effect size estimates for single-subject experimental designs*. Workshop held at the Eighth Annual International Campbell Collaboration Colloquium, Vancouver, Canada (other presenters: Beretvas & Schlosser).
- \*Wendt, O. (2008, March). *Outcomes of graphic-symbol based AAC interventions for individuals with autism spectrum disorders*. Paper presented at the 22th Annual International Conference on Technology and Persons with Disabilities, Los Angeles, CA.
- \*Wendt, O. (2008, February). *How effective are speech-generating devices for children with autism? A systematic review*. Poster presented at the 2nd Autism Conference of the Association for Behavior Analysis International (ABAI), Atlanta, GA.
- \*Wendt, O. (2007, November). *CAT 101: Developing Critically Appraised Topics (CATs) for evidence-based clinical decision making*. Seminar held at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Boston, MA.
- \*Schlosser, R.W., & Wendt, O. (2007, November). *Effects of AAC intervention on speech in autism: Systematic review*. Poster presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Boston, MA.
- \*Schlosser, R.W., & Wendt, O. (2007, November). *Effects of the Picture Exchange Communication System: A systematic review*. Paper presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Boston, MA.
- \*Wendt, O. (2007, November). *Meta-analysis of single-subject experimental designs*. Paper presented at the Panel "Roles of Single-Subject Experimental Designs in EBP Times" at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Boston, MA.
- \*Schlosser, R.W., & Wendt, O. (2007, August). *Effects of augmentative and alternative communication intervention on speech production in children with autism: A systematic review*. Paper presented at the 27<sup>th</sup> World Congress of the International Association of Logopedics and Phoniatrics (IALP), Copenhagen, Denmark.
- \*Wendt, O., & Humbert, J.A. (2007, August). *Critically appraised topics (CATs): Computer-assisted instruction for vocabulary skill development in autism*. Poster session presented at the 27<sup>th</sup> World Congress of the International Association of Logopedics and Phoniatrics (IALP), Copenhagen, Denmark.
- \*Wendt, O., & Schlosser, R.W. (2007, August). *The effectiveness of speech-generating devices for children with autism: Results from a systematic research review*. Paper presented at the 27<sup>th</sup> World Congress of the International Association of Logopedics and Phoniatrics (IALP), Copenhagen, Denmark.
- \*Wendt, O. (2007, May). *Methodological issues in meta-analysis of single-subject experimental designs*. Symposium held at the Seventh Annual International Campbell Collaboration Colloquium, London, UK (other presenters: Schlosser & Beretvas).
- \*Wendt, O., & Schlosser, R.W. (2007, May). *Using comprehensive pearl growing to retrieve literature for systematic reviews*. Poster session presented at the Seventh Annual International Campbell Collaboration Colloquium, London, UK.

- \***Wendt, O.** (2007, March). *The effectiveness of speech-generating devices for children with autism: Results from a systematic research review*. Paper presented at the 21th Annual International Conference on Technology and Persons with Disabilities, Los Angeles, CA.
- \***Wendt, O., & Humbert, J.A.** (2007, February). *Effects of computer-assisted instruction on vocabulary skill development in students with autism: A critically appraised topic (CAT)*. Poster session presented at the Eighth Annual Conference of the Division on Augmentative and Alternative Communication, American Speech-Language-Hearing Association, Atlanta, GA.
- \***Chacon, M., & Wendt, O., & Lloyd, L.L.** (2006, November). *Using Functional Communication Training to reduce aggressive behavior in autism*. Paper presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Miami, FL.
- \***Nigam, R., Schlosser, R.W., Wendt, O.** (2006, November). *Efficacy of the matrix strategy in teaching early multiword combinations*. Poster presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Miami, FL.
- \***Wendt, O., Brooks, D.R., & Lloyd, L.L.** (2006, September). *A cross-cultural comparison of Blissymbol translucency*. Poster session presented at the 6th European Congress of the Comité Permanent de Liaison des Orthophonistes/Logopèdes de l'Union Européenne (CPLOL), Berlin, Germany.
- \***Wendt, O., & Lloyd, L.L.** (2006, August). *Grading evidence and critically appraised topics*. Paper presented at the Research Symposium, Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC), Düsseldorf, Germany.
- \***Wendt, O.** (2006, August). *Introduction into AAC assessment and intervention for ALS patients*. Workshop conducted at the Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC), Düsseldorf, Germany.
- \***Wendt, O., Faßbender, K.-J., & Sevenig, H.** (2006, August). *Counseling and service delivery through a university-affiliated AAC center*. Poster session presented at the Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC), Düsseldorf, Germany.
- \***Wendt, O., Schlosser, R.W., & Lloyd, L.L.** (2006, August). *The effectiveness of AAC in autism: A quantitative research synthesis*. Paper presented at the Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC), Düsseldorf, Germany.
- \***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 session presented at the Seventh Annual Conference of the Division on Augmentative and Alternative Communication, American Speech-Language-Hearing Association, San Antonio, TX.
- \***Schlosser, R.W., & Wendt, O.** (2005, November). *Benefits of an indexing pattern search for evidence-based practice and systematic reviews*. Poster session presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), San Diego, CA.

- \***Wendt, O.**, Schlosser, R.W., & Lloyd, L.L. (2005, November). *How effective are AAC interventions for children with autism*. Paper presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), San Diego, CA.
- \***Wendt, O.**, & Lloyd, L.L. (2005, March). *A teaching module for AAC intervention with amyotrophic lateral sclerosis patients*. Paper presented at the 20th Annual International Conference on Technology and Persons with Disabilities, Los Angeles, CA.
- \***Wendt, O.**, Schlosser, R.W., & Lloyd, L.L. (2004, November). *AAC for children with autism: A meta-analysis of intervention outcomes*. Paper presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Philadelphia, PA.
- \*Lloyd, L.L., Fishman, I., & **Wendt, O.** (2004, October). *ALS module and resources for AAC courses*. Paper presented at the Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC), Natal, Brazil.
- \*Schlosser, R.W., & **Wendt, O.** (2004, October). *Searching successfully for evidence in augmentative and alternative communication*. Poster session presented at the Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC), Natal, Brazil.
- \***Wendt, O.**, Schlosser, R.W., & Lloyd, L.L. (2004, October). *A meta-analysis of AAC intervention outcomes for children with autism: Preliminary results*. Paper presented at the Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC), Natal, Brazil.
- \***Wendt, O.**, Schlosser, R.W., & Lloyd, L.L. (2004, June). *Augmentative and alternative communication (AAC) for children with autism: Preliminary results of a meta-analysis*. Paper presented at the 128th Annual Meeting of the American Association on Mental Retardation (AAMR), Philadelphia, PA.
- \***Wendt, O.** (2003, November). *AAC service delivery for ALS patients in a German rehabilitation clinic*. Poster session presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Chicago, IL.
- \***Wendt, O.** (2003, March). *Outcomes of low and high technology AAC intervention strategies for ALS patients*. Paper presented at the 18th Annual International Conference on Technology and Persons with Disabilities, Los Angeles, CA.
- \*Brooks, D.R., **Wendt, O.**, & Lloyd, L.L. (2002, November). *Translucency ratings of 91 Blissymbols by African-American college students*. Poster session presented at the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Atlanta, GA.
- \***Wendt, O.** (2002, August). *AAC intervention for ALS patients in a German rehabilitation clinic*. Poster session presented at the Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC), Odense, Denmark.
- \***Wendt, O.**, Faßbender, K.-J., & Oskamp, U. (2002, August). *AAC service delivery and knowledge dissemination through a university-affiliated AAC center*. Poster session presented at the Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC), Odense, Denmark.
- Wendt, O.** (2001, November). *A synthesis of qualitative research of augmentative and alternative communication intervention with ALS patients*. Poster session presented at the



Purdue Gerontology Symposium on “Life Course Inequality: Antecedents and Consequences”, West Lafayette, IN.

#### **OTHER PRESENTATIONS (non-refereed)**

- Wendt, O., & Yip, J.** (2013, November). *Autism Spectrum Disorders: Current issues and future research directions*. Research Colloquium in Clinical Psychology, Purdue University, West Lafayette, IN.
- Wendt, O.** (2013, November). *SPEAKall! An iPad application for children with severe autism*. Workshop conducted at the Pete’s PALS Program for Children with Special Needs, Lafayette, IN.
- Wendt, O., Hsu, N., Simon, K., Zentner, M., & Hancock, D.** (2013, September). *SPEAKall! Effects of an iPad-based augmentative and alternative communication intervention for children with severe autism*. Discovery Park Poster Presentations, Purdue University, West Lafayette, IN.
- Wendt, O.** (2012, November). *SPEAKall! An iPad application for children with severe autism*. Workshop conducted at the Lafayette Autism Support Group, Wabash Center for Developmental Disabilities, Lafayette, IN.
- Wendt, O.** (2012, fall semester). *Augmentative and alternative communication interventions for children with severe autism*. Invited lecture in “SLHS 449: Clinical methods in communicative disorders”, Purdue University, West Lafayette, IN.
- Wendt, O.** (2010, April). *Writing proposals for scholarships, fellowships, and small research grants*. Workshop given to the Graduate Organization in Educational Studies (GO-EDS), Purdue University, West Lafayette, IN.
- Wendt, O.** (2010, February). *How to conduct a systematic review or meta-analysis: An overview*. Paper presented at the Research Seminar in Career and Technical Education, College of Education, Purdue University, West Lafayette, IN.
- Wendt, O.** (2008, April). *Evidence-based Practice in education: Current issues*. Paper presented at the Research Seminar in Career and Technical Education, College of Education, Purdue University, West Lafayette, IN.
- Wendt, O.** (2008, April). *Searching for research literature and tips to publish research*. Lecture given to the Purdue graduate student chapter of the Council of Exceptional Children, College of Education, Purdue University, West Lafayette, IN.
- Wendt, O.** (2007-present, every semester). *Complex communication needs and augmentative and alternative communication*. Invited lecture in “SLHS 115: Introduction to communicative disorders”, Purdue University, West Lafayette, IN.
- Wendt, O.** (2007, April). *Augmentative and alternative communication for children with autism: Reviewing the research evidence*. Paper presented at the Research Seminar in Career and Technical Education, College of Education, Purdue University, West Lafayette, IN.
- Wendt, O.** (2006-2012, spring semesters). *Augmentative and alternative communication for patients with aphasia and other acquired neurological conditions*. Invited lecture in “SLHS 531: Language Disorders in Adults”, Purdue University, West Lafayette, IN.

- Wendt, O.** (2005, October). *Accommodations for learners with special needs*. Invited lecture in “EDCI 422: The Teaching of English in Secondary Schools”, Purdue University, West Lafayette, IN.
- Wendt, O.** (2004, December). *Aktuelle Themen der Augmentative and Alternative Communication [Current topics in augmentative and alternative communication]*. Invited lecture in “9213: Einführung in Theorie und Praxis der Unterstützten Kommunikation” [Introduction to Theory and Practice in Augmentative and Alternative Communication], School of Special Education, University of Cologne, Germany.
- Wendt, O.** (2001, December). *Der Erwerb von grafischen Symbolen in der Unterstützten Kommunikation [Graphic symbol acquisition in augmentative and alternative communication]*. Invited lecture in “9335: Einführung in die Unterstützte Kommunikation” [Introduction to Augmentative and Alternative Communication], School of Special Education, University of Cologne, Germany.
- Wendt, O.** (2001, November). *The structure of education in the Federal Republic of Germany*. Invited lecture in “EDFA 505: Comparative Education”, Purdue University, West Lafayette, IN.
- Lloyd, L.L., & **Wendt, O.** (2001, October). *AAC and Gerontology*. Invited lecture in “CDFS 565: Multidisciplinary Perspectives on Aging”, Purdue University, West Lafayette, IN.

## **SERVICE TO PROFESSIONAL ORGANIZATIONS**

### Academic

- Scientific Advisory Council, Organization for Autism Research, 2020 – present
- Co-Chair for the Disability Coordinating Group, The Campbell Collaboration, 2017 – present
- Program Committee Member, International Society for Augmentative and Alternative Communication (ISAAC), Biennial Conference, Mexico, 2020
- Reviewer, Biennial Meeting of the International Society for the Study of Behavioural Development (ISSBD): Topic Area: Language and Communication, 2017
- Reviewer Council for Exceptional Children (CEC) Annual Convention, 2010 – 2012
- Reviewer, Annual Convention of the American Speech-Language-Hearing Association (ASHA), Topic Area: Autism Spectrum Disorders, 2009, 2014, 2015, 2016
- Reviewer, The Ninth Annual Campbell Collaboration Colloquium, Oslo, Norway, 2009
- Coordinator and Reviewer for Special Education Subgroup, The Campbell Collaboration, Education Coordinating Group, 2008 – 2016
- Reviewer, Annual Convention of the American Speech-Language-Hearing Association (ASHA), Topic Area: Augmentative and Alternative Communication, 2007, 2013, 2017
- Reviewer, Clinical AAC Conference (CAAC), 2007, 2009
- Reviewer, International Society for Augmentative and Alternative Communication (ISAAC), Biennial Conference, 2006, 2012, 2018
- Committee Member, AAC Research Panel, National Center for Evidence-Based Practice in Communication Disorders of the American Speech-Language-Hearing Association, 2006 – 2007

Research Committee Member, Special Interest Division 12 “Augmentative and Alternative Communication” of the American Speech-Language-Hearing Association, 2005 – 2010

#### Grant Review Panels

Reviewer, New Frontiers in Research Fund – Exploration 2021 Competition, Social Sciences and Humanities Research Council of Canada, 2021

Reviewer, Discovery and Innovation Grants, University of Wisconsin-Milwaukee, Office of Research, 2020

Reviewer, India Alliance Research Fellowships, National Institute of Mental Health and Neuro Sciences, New Delhi, India, 2018

Member, Review Panel for Applied Research Grant Competition, Organization for Autism Research (OAR), 2015 – present

Peer Reviewer for grant applications for the Community Health Engagement Program, Indiana Clinical and Translational Sciences Institute, 2012

Peer Reviewer for Field Initiated Project (FIP) applications, National Institute on Disability and Rehabilitation Research, US Department of Education, 2011 – 2013

#### Entrepreneurial

Judge, Reimagine Education and Awards Conference, Quacquarelli Symonds & The Wharton School at the University of Pennsylvania, 2021- present

Judge, Milken-Penn GSE Education Business Plan Competition (EBPC) - Venture Path, University of Pennsylvania, Philadelphia, PA, 2018 - present

Judge, Edison New Product Awards, Edison Universe Organization, New York City, NY, 2018

Judge, Milken-Penn GSE Education Business Plan Competition (EBPC) - Idea Path, University of Pennsylvania, Philadelphia, PA, 2017

#### Philanthropic and Community Service

Advisory Board, Children’s Museum of Indianapolis, Task Force on Accessibility for Visitors with Special Needs, 2017 – 2018

Advisory Council, Purdue Center for Families, 2016 – present

Committee Member, Indiana Interagency Autism Coordinating Council (IIACC), Indianapolis, IN, 2014 – 2018

### **PROFESSIONAL EXPERIENCE**

Rehabilitation Counselor, Workshop for People with Disabilities, Calden, Germany, August 1996 – October 1996 (internship)

Direct Care Worker, Christophorus Home for People with Multiple and Profound Disabilities, Göttingen, Germany, September 1995 – October 1995 (internship)

Teacher’s Aid, Preschool for Children with Developmental and Multiple Disabilities - German Red Cross, Hannoversch Münden, Germany, August 1993 – October 1994

### **PROFESSIONAL AFFILIATIONS**

American Association on Intellectual and Developmental Disabilities (AAIDD)

American Speech-Language-Hearing Association (ASHA)

Association for Behavior Analysis International Full Member, and Member of Special Interest Group on Evidence-based Practice (SIG EBP)

Autism Society of America (ASA)

Campbell Collaboration, Education, Disability, and Methods Groups (ECG, DCG, and C2MG)

International Society for Augmentative and Alternative Communication (ISAAC)

International Society for Autism Research (INSAR) Full Member

Phi Delta Kappa International (PDK) (2003-2007)

United States Society for Augmentative and Alternative Communication (USSAAC)

## **ACADEMIC SERVICE**

### **Departmental**

School Director Search Committee, School of Communication Sciences and Disorders, University of Central Florida, 2019 – 2020

Faculty Search Committee, Assistant Professor with a focus in child language and literacy, School of Communication Sciences and Disorders, University of Central Florida, 2019 – 2020

M.S. Speech-Language Pathology Admissions Committee, Department of Speech, Language, and Hearing Sciences, Purdue University, 2012 – 2014; School of Communication Sciences and Disorders, University of Central Florida, 2019 – 2021

M.S. Speech-Language Pathology Curriculum Committee, School of Communication Sciences and Disorders, University of Central Florida, 2019 – 2021

M.S. Speech-Language Pathology Internship Task Force, School of Communication Sciences and Disorders, University of Central Florida, 2020 – 2021

Chair, M.S. Speech-Language Pathology Comprehensive Exams, Department of Speech, Language, and Hearing Sciences, Purdue University, 2012 – 2015

Faculty Search Committee, Cluster Hire in Autism Spectrum Disorders, Department of Speech, Language, and Hearing Sciences, Purdue University, 2013 – 2014

Faculty Search Committee, Clinical Assistant Professor in Speech-Language Pathology, Department of Speech, Language, and Hearing Sciences, Purdue University, 2012 – 2013

Scholarship and Awards Committee, Department of Speech, Language, and Hearing Sciences, Purdue University, 2010 – 2012

Faculty Search Committee, Language Science and Autism Spectrum Disorders, Department of Speech, Language, and Hearing Sciences, Purdue University, 2007 – 2009

Supervisor for the Special Education secretarial position, Department of Educational Studies, Purdue University, 2006 – 2008

### **College**

Member, Strategic Planning Committee for Infrastructure, College of Health Professions and Sciences, University of Central Florida, 2019 – 2020

## University

Reviewer, Faculty Fellowships and Research Grants of the Purdue Center for Families, 2015 – present

Faculty Associate, Center for Families, Purdue University, 2012 – present

Grievance Hearing Committee, Purdue University, 2012 – 2015

Community Partner and Project Advisor, Engineering Projects in Community Service (EPICS), Department of Engineering Education, Purdue University, 2011 – present

Steering Committee Member, Purdue Autism Network, Purdue University, 2008 – 2014

Selection Committee Member, Graduate School Excellence in Teaching Award, 2008 – 2013

Faculty Associate, Center on Aging and the Life Course, Purdue University, 2007 – 2013

Instructor for Teaching Assistant Training, Center of Instructional Excellence, Purdue University, 2004 – 2016

Member, Committee for the Education of Teaching Assistants (CETA) at Purdue University, 2003 – 2012

Member, review panel for teaching grants from the Teaching Academy at Purdue University, 2003 – 2004

## Student Organizations

Faculty Advisor to the Purdue Billiard Club, 2021 – present

Faculty Advisor to the Purdue Judo Club, 2016 – 2019

Faculty Advisor to the Graduate Student Organization in Educational Studies (GO-EDS), Purdue University, 2009 – 2011

Faculty Advisor to the Purdue Fulbright Association, 2006 – 2019

Associate Advisor of the Purdue Student Education Council (PSEC), 2001 – 2004

## **MENTORING OF POSTDOCTORAL ASSOCIATES AND GRADUATE STUDENTS**

Walter, C. (University of the State of Rio de Janeiro, Brazil, 2019). Visiting scholar for AAC research in learners with minimally-verbal autism. (Wendt, primary mentor)

Yip, J. (Autism Parent Care, 2012-2014). Visiting scholar for advanced research in autism intervention. (Wendt, primary mentor)

Bosse, I. (Technical University of Dortmund-Germany, 2011): Short-term visiting scholarship for advanced research in AAC. (Wendt, primary mentor)

Hassink, J.M. (Purdue University, 2010-11): Student Research Grant in Early Childhood Language Development, American Speech-Language-Hearing Foundation (Wendt co-mentor with Professor Leonard)

Wei, M.M. (Purdue University, 2009-10): Faculty Program of Study in a Second Discipline, project title: “Speech and language intervention for bilingual children with autism spectrum disorders” (Wendt, primary mentor)

Hassink, J.M. (Purdue University, 2008-09): Students Preparing for Academic and Research Careers (SPARC) Award, American Speech-Language-Hearing Association (Wendt co-mentor with Professor Leonard)

## **SUPERVISION OF GRADUATE STUDENT THESES**

### **Doctoral Students Graduated:**

Tan, Minghua, admitted Fall 2006: Ph.D. 2014, dissertation: “The effectiveness of dialogic reading on the expressive vocabulary of children with autism spectrum disorders and language impairments”, now Behavior Therapist and Mental Health Practitioner at Lovaas Institute Minneapolis, MN.

Knigga, Greta, admitted Fall 2003: Ph.D. 2012, dissertation: “The Role of Language Program Directors in the Articulation of the American Sign Language Foreign Language Curriculum”, now Associate Professor of American Sign Language, University of Northern Colorado, Greeley, CO (Wendt, dissertation committee co-chair with Dr. Anne Knupfer).

Miriam C. Boesch, admitted Fall 2005: Ph.D. 2011, dissertation: “Augmentative and alternative communication in autism: A comparison of the Picture Exchange Communication System and speech-output technology”, now Associate Professor of Special Education, University of Northern Texas, Denton, TX.  
Recipient of both the departmental and college-wide dissertation award for 2011, Department of Educational Studies, College of Education, Purdue University

### **Doctoral Students, Currently Chair or Major Advisor:**

Hsu, Ning (Purdue University): Doctoral candidate, PhD estimated May 2020, current dissertation title: “Augmentative and alternative communication for children with severe autism: A parent-assisted intervention model for increasing functional communication and speech production”

### **Doctoral Students, Past or Current Committee Member:**

Adinugroho, Adi (Purdue University): PhD May 2009, dissertation title: “The effect of a self-monitoring instruction package: Using picture books to increase preschoolers’ pro-social behavior” (Wendt, dissertation committee member)

Ballin, Liora (University of Sydney, Australia): PhD August 2012, dissertation title: “Speech generating device (SGD) mentoring with adults who use an SGD as mentors to new learners” (Wendt, external examiner)

Gladfelter, Allison (Purdue University): PhD August 2014, dissertation title: “The role of semantic richness on implicit and explicit word learning in children with autism spectrum disorder, specific language impairment, and typical language development” (Wendt, dissertation committee member)

Kao, Wei-Liang (Purdue University): PhD December 2018, dissertation title: “Design and evaluation of a wearable technology using biomedical sensing for students who experience anxiety” (Wendt, dissertation committee member)

Miller, Bridget (Purdue University): PhD August 2013, dissertation title: “Using science inquiry methods to promote self-determination and problem-solving skills for students with moderate cognitive disability” (Wendt, dissertation committee member)

Srinivasan, Saranya (Purdue University): PhD August 2009, dissertation title: “The secondary effects of antiepileptic drugs (AEDs) in children and their implications on augmentative and alternative communication (AAC) processes: A best-evidence synthesis” (Wendt, dissertation committee member)

Yakubova, Gulnoza (Purdue University): PhD August 2013, dissertation title: “The Effects of a Problem Solving Intervention on Problem Solving Skills of Students with Autism During Vocational Tasks” (Wendt, dissertation committee member)

Zhang, Dake (Purdue University): PhD August 2011, dissertation title: “The effects of heuristic strategic training on improving multiplication strategic development in children with math difficulties” (Wendt, dissertation committee member)

Masters Students, Chair or Co-Chair:

Azzato, Ariana (Purdue University, Speech-Language Pathology): MS August 2016, thesis title: “Experimental evaluation of an iPad-based augmentative and alternative communication program for preschoolers with severe, non-verbal autism” (Wendt, MS thesis chair)

Balasubramanian, Yamini (Purdue University, Speech-Language Pathology): MS August 2018, thesis title: “Effects of a mobile tablet device and an augmentative and alternative communication (AAC) application in individuals with an acquired communication disorder: Influence on communication abilities and quality of life” (Wendt, MS thesis co-chair)

Rasche, Nancy (Purdue University, Industrial Design): MS December 2013, thesis title: “Development of LiteracyLabels™, a literacy app for learners with autism” (Wendt, MS thesis co-chair)

Sperber, Eva Felicitas (Catholic University of Freiburg, Clinical Rehabilitation Sciences): MS December 2015, thesis title (German): “The application of an enhanced modeling approach for the acquisition of graphic symbol combinations through a communication aid with eye gaze control – A single case study (Die Anwendung eines erweiterten Modeling-Ansatzes auf das Erlernen von Kombinationen grafische Zeichen auf einer Kommunikationshilfe mit Augensteuerung – Eine Einzelfallstudie)” (Wendt, MS thesis co-chair)

Masters Students, Committee Member:

Abarca, Diana (University of Central Florida, Communication Sciences and Disorders): MS 2020, thesis title: “Breaking the cycle of intergenerational literacy deficits: Examining linguistic interactions between adolescent mothers and their young children” (Wendt, MS thesis committee member)

Panzerino, Randy (University of Central Florida, Communication Sciences and Disorders): MS 2022, thesis title: “Psychological distress and affective, behavioral and cognitive experiences of stuttering” (Wendt, MS thesis committee member)

Yakubova, Gulnoza (Purdue University, Special Education): MS 2010, thesis title: “Using video modeling in teaching social skills to students with autism when making a purchase in a grocery store” (Wendt, MS thesis committee member)

## **SUPERVISION OF GRADUATE STUDENTS (NON-THESIS)**

Master's Students (in alphabetical order):

Adams, Abigail (Purdue University): Master's student in speech-language pathology, MS summer 2015 (Wendt, advisor)

Beauchamp, Myriam (Purdue University): Master's student in speech-language pathology, MS fall 2010 (Wendt, advisory committee member)

Blasingame, Kelsey (Purdue University): Master's student in speech-language pathology, MS est. summer 2015 (Wendt, advisor)

Boener, Mary E. (Purdue University): Postbaccalaureate student in special education (Wendt, advisor)

Bohannon, Patricia L. (Purdue University): Master's student in special education, MS spring 2009 (Wendt, advisor)

D'Acquisto, Katherine (Purdue University): Master's student in special education, MS spring 2010 (Wendt, advisor)

Damm, Alexandria (Purdue University): Master's student in speech-language pathology, MS summer 2017 (Wendt, advisor)

Gold-Hendricks, Krista A. (Purdue University): Postbaccalaureate student in special education (Wendt, advisor)

Gray, Sara (Purdue University): Master's student in speech-language pathology, MS summer 2014 (Wendt, advisor)

Hatfield, Grace (Purdue University): Master's student in speech-language pathology, MS summer 2016 (Wendt, advisor)

Humpert, Joseph A. (Purdue University): Master's student in transdisciplinary AAC program, MS spring 2007 (Wendt, advisory committee member)

Johns, Jessica M. (Purdue University): Master's student in speech-language pathology, MS summer 2009 (Wendt, advisory committee member)

Lautenbach, Kristen (Purdue University): Master's student in speech-language pathology, MS summer 2013 (Wendt, advisor)

McAtee, Ashley (Purdue University): Master's student in speech-language pathology, MS summer 2018 (Wendt, advisor)

Moore, Brittany (Purdue University): Master's student in speech-language pathology, MS summer 2013 (Wendt, advisor)

Mugford, Nancy A. (Purdue University): Master's student in special education, MS spring 2008 (Wendt, advisory committee member)

Packer, Julie A. (Purdue University): Master's student in transdisciplinary AAC program, MS spring 2007 (Wendt, advisory committee member)

Payton, Alaine (Purdue University): Master's student in speech-language pathology, MS summer 2014 (Wendt, advisor)

Rossiter, Charity L. (Purdue University): Master's student in special education, MS summer 2008 (Wendt, advisory committee member)



Savage, Melissa N. (Purdue University): Master's student in special education, MS spring 2010 (Wendt, advisor)

Storm, Gretchen V. (Purdue University). Master's student in speech-language pathology, MS fall 2009 (Wendt, advisory committee member)

Tillett, Kristin (Purdue University): Master's student in special education, MS fall 2011 (Wendt, advisor)

Warner, Katelyn (Purdue University): Master's student in speech-language pathology, MS summer 2018 (Wendt, advisor)

Plus 21 students in Purdue University, Online M.S. Program in Special Education

## **LANGUAGE SKILLS**

English, German: fluent in conversation, reading and writing

French: fluent in reading and writing

## **SELECTED PRESS COVERAGE**

Purdue Research Park, West Lafayette (2021, March 10). „Mobile technology helps give voice to nonverbal autistic children during pandemic”

<https://www.purdue.edu/newsroom/releases/2021/Q1/mobile-technology-helps-give-voice-to-nonverbal-autistic-children-during-pandemic.html>

Purdue Research Park, West Lafayette (2018, October 25). „Giving a voice: Purdue technology assisting nonverbal children with autism wins Autism Hero and GAIN 18 Awards”

<https://www.purdue.edu/newsroom/releases/2018/Q4/giving-a-voice-purdue-technology-assisting-nonverbal-children-with-autism-wins-autism-hero-and-gain-18-awards.html>

CBS Sunday Morning, New York City, NY (2017, December 17). “Students with autism make music with iPads”

<https://youtu.be/V0YoVcZltus>

Kokomo Tribune, Kokomo, IN (2017, January 26). “Finding a voice: Children with autism could benefit from Purdue-based app”

[http://www.kokomotribune.com/news/local\\_news/finding-a-voice-children-with-autism-could-benefit-from-purdue/article\\_e4ea3dc-e3df-11e6-bb5c-cbb84e902c18.html](http://www.kokomotribune.com/news/local_news/finding-a-voice-children-with-autism-could-benefit-from-purdue/article_e4ea3dc-e3df-11e6-bb5c-cbb84e902c18.html)

Inside Indiana Business, Indianapolis (2016, November 30). „SPEAKall! gives voice to ‘autistic’ children, captures award”

<http://www.insideindianabusiness.com/story/33825448/speakall-gives-voice-to-autistic-children-captures-award>

Medical Xpress (2016, February 19). “App for children with severe, non-verbal autism available on Android”. <https://medicalxpress.com/news/2016-02-app-children-severe-non-verbal-autism.html>

TEDxPurdueU (2015, October 26). “Let’s Talk about Autism”. <https://youtu.be/NSQn-TXg9cY>

The Economist (2014, December 13). “Treating Autism – In Development: Companies struggle to meet soaring demand for autism treatments”

<http://www.economist.com/node/21636064>

- Purdue Research Park, West Lafayette (2014, October 16). „Purdue startup wins 2014 GAIN-TEN Business Pitch Challenge for speech and language programs to help children with autism”  
<http://www.purdue.edu/newsroom/releases/2014/Q4/purdue-startup-wins-2014-gain-ten-business-pitch-challenge-for-speech-and-language-programs-to-help-children-with-autism.html>
- WISH TV Channel 8, Indianapolis (2014, June 25). „SPEAKall! app making a difference for children with autism”  
<https://youtu.be/qJ418GPrWuw>
- Medical XPress (2014, April 17). “Mobile app to help children, families affected by severe, non-verbal autism”. <https://medicalxpress.com/news/2014-04-mobile-app-children-families-affected.html>
- WLFI News Channel 18, Lafayette (2013, June 7). „Purdue app helps children with autism”  
<http://youtu.be/8x2tTetPZeM>
- Inside Indiana Business, Indianapolis (2013, June 2). „Researchers create app for children with autism” [http://youtu.be/xeYJkRo\\_1bk](http://youtu.be/xeYJkRo_1bk)
- Purdue Research Park, West Lafayette (2013, May 22). „Purdue app may help children affected by non-verbal autism to communicate”  
<https://youtu.be/d4ODXwNJjtc>
- CNN iReport (2012, May 15). „iPad gives voice to kids with autism”  
<http://edition.cnn.com/2012/05/14/tech/gaming-gadgets/ipad-autism>
- WLFI News Channel 18, Lafayette (2012, March 30). „Students and researchers develop app for autism”  
<https://youtu.be/FNEh6fdnoLY>

## REFERENCES

Rajinder Koul, Ph.D., CCC-SLP  
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The University of Texas at Austin  
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Distinguished Professor, Human Development and Family Studies  
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Chad Nye, Ph.D.  
Professor Emeritus of Speech-Language Pathology  
Department of Communication Sciences & Disorders  
University of Central Florida, 12001 Science Drive  
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Ralf W. Schlosser, Ph.D.  
Professor of Speech-Language Pathology  
Department of Speech-Language Pathology  
and Audiology, Northeastern University  
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Preeti M. Sivasankar, Ph.D., CCC-SLP  
Professor and Head of Speech, Language, and Hearing Sciences  
Department of Speech, Language, and Hearing Sciences  
Purdue University  
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