

SARAH C. WAYLAND, PH.D.

Guiding Exceptional Parents, LLC

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EDUCATION

B.A.	Rice University, Houston, TX	1985	Psychology (Honors)
Ph.D.	Brandeis University	1990	Cognitive Psychology/Psycholinguistics

EMPLOYMENT HISTORY

Guiding Exceptional Parents, LLC

<https://www.guidingexceptionalparents.com>

Special Needs Care Navigator, RDI™ Consultant, Parenting Coach, Trainer (2014 - present)

Special Needs Care Navigator - Provide parents with the resources and knowledge needed to help their children with learning disabilities, ADHD, and autism. Targeted help with navigating both health care and educational options, with specific expertise evaluating reports, and determining how to prioritize interventions.

Relationship Development Intervention (RDI™) Consultant - Works with parents of children with autism to show them how to teach their children the essential skills that make relationships work. Parents learn how to identify problems, and through a highly customized program that takes both their profile and their child's profile into account, they learn how to teach their children the missing skills. RDI™ can also be done with teens and adults to help them learn the skills necessary for making and maintaining meaningful relationships. Learn more about RDI at <https://www.rdiconnect.com>.

Parenting Coach – Meets with parents to brainstorm challenging situations and behavioral issues so they can put effective supports in place and teach their kids essential skills. Also teaches parenting classes ([Parent Child Journey](#); First, Put On Your Own Oxygen Mask) and creates online training for parents (Parenting Autism Summit, Parenting ADHD Summit, The Behavior Revolution - <https://thebehaviorrevolution.com/>).

Internationally Acclaimed Speaker – From one-hour workshops to multi-week courses, Dr. Wayland has presented to parents, students, teachers, and clinical professionals around the world. In addition to her [classes for parents](#), she has presented [workshops and lectures](#), hosted [online trainings](#), and helped to develop training programs for educators, clinicians, and employers. Her mission is to help people with disabilities by educating and guiding those who love and support them.

Center for Advanced Study of Language, University of Maryland

Senior Research Scientist (2007-2013)

Conduct research to inform decisions on the use of language technology and the implementation of language policy.

Projects:

- *Teaching conversation skills using social mirrors*: Usability testing and validation with clinical population (people with social skills deficits, particularly autism spectrum disorders) for visual interface that allows participants in a conversation to get real time feedback about auditory

- characteristics of their speech (vocal volume, overlapping speech, pausing, and conversational dominance) - Member of research team.
- *Linguistic and cognitive factors affecting second language listening comprehension*: Conducted a comprehensive literature review and research studies to help government client better understand how to assess second language listening comprehension abilities – Principal investigator.
 - *Arabic search*: User interface design and usability testing for speech tool designed to help non-native Arabic linguists search a dictionary for words they have heard spoken in dialect – Co-Principal Investigator.
 - *Evaluating Translation Memory systems*: Worked with a team of professional translators to evaluate translation tools for integration into a system that enables collaborative workflow – Member of research team.
 - *Transcription and translation*: Assessed utility of providing translators with a transcription in the source language – Principal Investigator.

LogicTree, Inc.

Principal Speech Scientist (2002 - 2007)

Designed call flows, prompts, and user-interfaces for telephony applications. Coordinated usability testing for tuning of applications. Director of Voice User Interface Design Team.

Responsibilities & accomplishments:

- Worked closely with client and engineering team to delivery complete user interface design for the following applications:
 - ***Transit Applications***: Valley Metro in Phoenix AZ. Main Menu, Trip Planning, NextBus: 602-251-2021; WMATA in Washington DC. Main Menu, Trip Planning, Next Bus: 202-637-7000; JAUNT in Charlottesville, VA. Paratransit Trip Schedules: 434-296-3184; CIN RTO in Miami-Dade, Broward, and Palm Beach Counties, FL. Main Menu; Routes & Schedules: 1-800-836-4977.
 - ***511 Travel Information Applications***: Virginia 800-578-4111; North Carolina 877-511-4662 (no longer my system); Southeast Florida, Miami-Dade, Broward, and Palm Beach Counties, FL. 866-914-3838 ; St. Louis 511 888-511-4785.
 - ***Directory Assistance***: 217-238-1399.
- Created, produced, and managed all prompts associated with above applications.
- Coordinated testing and tuning of applications to insure quality.
- Coordinated team of designers, voice talents, recording studios to deliver above applications, and more not listed above in which I had more peripheral involvement.

CACI (formerly Highland Technologies,)

Researcher (1999 - 2002)

Designed and created innovative technologies used to improve electronic document imaging and management product, HighView.

- Led design of new GUI for HighView.
- Co-wrote grant "Image Enhancement for Improved OCR and Readability", SBIR funded by ARL.
- Analyzed impact of Section 508 of Americans with Disability Act on HighView.
- Designed and developed "hot word and phrase" search application for customized version of HighView, highlighted search terms on document images using a text-to-image mapping.
- Created and maintained internal website devoted to collection and dissemination of corporate technical knowledge.

Entropic, Inc.

Technical Marketing Engineer (1997 - 1998), Senior Software Engineer (1998 - 1999)

- (1) Designed dialogues for telephony systems that provided cell-phone callers with easy-to-use access to web-based data via a natural sounding human-computer dialogue.
- (2) Improved experimental protocol for two grant applications.
- (3) Provided detailed pre-sales technical support for acoustic signal processing, speech recognition, and text-to-speech software.

- Worked with dialogue design team to create demos for the commercial team:
 - Designed and created voice user interfaces for a variety of topic areas including winning lottery results, stock quotes, weather reports, and news headlines.
 - Specified recognition grammars.
 - Created intelligible speech output using a text-to-speech system.
 - Designed natural-sounding prompts made from concatenated speech segments for applications in Swiss German, American, and British English.
- Assisted with experimental design, implementation, and presentation in technology development grants. Grants on which I consulted were funded.
- Wrote software demos and provided technical support for sales team.
- Collected & condensed customer requests for software enhancements.

University of Maryland School of Medicine

Postdoctoral Fellow (1993 - 1995), Research Asst. Prof. of Neurology (1995 - 1996)

Investigated how both normal and brain damaged people speak, listen, read and write.

- Developed a quantitative scoring manual and spreadsheet to streamline analysis of aphasic discourse.
- Digitized & processed speech and images for presentation on Macintosh and PC platforms.
- Implemented data acquisition procedures.
- Upgraded and maintained all laboratory computers (Macintosh and PC).
- Designed and implemented experimental protocols, assessed listener perceptions, analyzed data, and disseminated results via conference presentations and peer-reviewed articles.

Northeastern University

Postdoctoral Fellow in Speech Perception (1990 - 1993)

- (1) Investigated how listeners respond to acoustic variability when listening to spoken words.
- (2) Studied the influence of prosody on perception.

- Applied for, won, and administered 3-year grant (PHS National Research Service Award - NIH Fellowship #F32 DC00043) (\$62,000 over three years).
- Designed and implemented experimental protocols, assessed listener perceptions, analyzed data, and disseminated results via conference presentations and peer-reviewed articles.
- Manipulated digital speech using Klatt synthesizer (for synthetic speech) and CSL/ASL Speech Processing Laboratory (for natural speech).

APPOINTED AND ELECTED POSITIONS

- ***Special Education Citizens' Advisory Committee of Prince George's County*** – The Special Education Citizen's Advisory Committee of Prince George's County is an advocacy & advisory committee made up of parents, community leaders, educators and school administrators that advocate for and support positive changes in special education services available to students with special needs in Prince George's County Public Schools. Board member 2007-2018. Maintains website (<http://www.secacpg.org>) and serve as listserv administrator.
- ***The Arc of Prince George's County*** – Board Member, 2014 to 2016.
- ***Parents' Place of Maryland*** – Board Member, 2015 to 2018, Vice Chair, 2016-2018.
- ***Parents' Place of Maryland – PEP Leader of Prince George's County*** – Selected to participate with elite group of parent activists in an intensive ten-week training course in advocacy, both in and outside of the school system. Ongoing work with Parents' Place of Maryland to teach family members the skills they need to help themselves and their loved ones. 2010 – present.
- ***Individual Differences in Learning Association of Howard County*** – Executive Board member 2009-2017.
- ***Paint Branch Elementary School PTA*** – College Park, MD. Member 2007-2011; Treasurer 2008-2011.

PARENT SUPPORT

- ***Online Parenting Autism Summit*** – Co-hosted and interviewed 25+ of the world's autism and parenting experts to share the most effective parenting approaches and strategies for kids with less-obvious autism. Presented on the autistic brain and experience, the impact of sensory struggles, behavior, emotions, and regulation, social challenges, life as a teen or adult with autism, parenting that works, empowering a child for success, and more. November 2018; November 2019.
- ***Parent Child Journey (formerly Raising Your Challenging Child) - Parent Training Course*** – Instructor for 10-session course developed by Dr. Dan Shapiro, M.D. that educates parents about effective behavior management for “challenging children” with and without diagnoses (<http://www.parentchildjourney.com>). 2011 – present.
- ***First Put on Your Own Oxygen Mask – Parent Training Course*** – Eight session course teaching techniques from Cognitive Behavior Therapy and Dialectical Behavior Therapy to help parents of kids with differences develop effective coping strategies (<http://www.guidingexceptionalparents.com/Presentations.html>). 2014 – present.
- ***GT-Special & GT-Special-Home – International Online Support Groups for Parents of Twice Exceptional Children*** – A listserv for discussing gifted children with learning disabilities (LDs) and/or other neurological problem(s) that interfere with the child's ability to reach the full potential of his or her giftedness. These other neurological problems may include but are not limited to ADD, hyperactivity, autism, Asperger's Syndrome, Tourette's Syndrome, PDD, ODD, OCD, anxiety disorders, sensory integration disorders (SI), and depression. – Co-moderator with Meredith Warshaw & Charli Riggle (<http://gtworld.org>). 2003 – present.
- ***Caring for Your Challenging Child*** – 10 session course taught by Dr. Dan Shapiro - made available to parents and childcare providers for \$50 total. April 2011. Organized, secured funding and support from the SECAC of Prince George's County, The Arc of Prince George's County, and a grant from the Maryland Developmental Disabilities Council.

MEMBERSHIPS AND SERVICE TO OUTREACH ORGANIZATIONS

- ***xMinds (www.xminds.org)*** – 2012 to present – Member; 2019 to present – Advisory Council.
- ***Council for Exceptional Children*** – 2013 to present – Member.
- ***GT/LD (Gifted-Talented/Learning Disabled) Network of Montgomery County*** – 2011 to present – organizing committee 2012.

- **University of Maryland Children's Developmental Clinic** – 2004 to 2014. This group is an outreach of the University of Maryland's Children's Developmental Clinic. It is a place where parents can share and exchange information – Listserve administrator 2005 to present.
- **The Arc of Prince George's County** – 2008 to present.
- **American Psychological Society** – 1990 to 2014 – Member.
- **Acoustical Society of America** – 1993 to 2013 - Associate Member.
- **Human Factors and Ergonomics Society** – 1998 to 2013 – Member.

BOOKS

Boser, K., Goodwin, M., Wayland, S.C. (2013). *Technology Tools for Students With Autism*. Baltimore: Brookes Publishing Company.

ONLINE TRAINING

Co-creator with Penny Williams — *The Behavior Revolution System and Course*: www.TheBehaviorRevolution.com The Behavior Revolution Program is a combination of the best from the experts in the field, including our collective training and experience, to offer you one customizable, step-by-step system to address behavior — a system that actually works for kids with ADHD or autism. Launched Summer 2021.

Co-organizer (with Penny Williams) for some and presenter for all — [Parenting Autism Summit and the Parenting ADHD Summit](#) (2018, 2019, 2020). Parent Training for ADHD & Autism that brings together dozens of the world's ADHD, autism, and parenting experts in online summits that share the most effective parenting approaches and strategies for neurodivergent kids, and their parents in an online format.

- 2018 Parenting Autism Summit – Co-organizer and presenter: *Brain Differences and Their Impact on Your Child's Experience*
- 2018 Parenting ADHD Summit – Presenter: *Emotions, Stress, and the Brain: Understanding Why Kids Behave the Way They Do, and What to Do About It*
- 2019 Parenting Autism Summit – Co-organizer and presenter: *The Foundations of Connection and How to Teach Them*
- 2019 Parenting ADHD Summit – Presenter: *Limbic Hijack's Role in Behavior and Your Parenting*
- 2020 Parenting Autism & Parenting ADHD Summits – Co-organizer and co-presenter: *The Role the Brain Body Connection Plays in Your Child's Behavior*

PEER-REVIEWED PUBLICATIONS

Bloomfield, A. N., Wayland, S. C., Blodgett, A., & Linck, J. (2011). Factors Related to Passage Length: Implications for Second Language Listening Comprehension. In L. Carlson, C. Hölscher, & T. Shipley (Eds.), *Proceedings of the 33rd Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society, 2317-2322.

Rytting, C.A., Zajic, D., Rodrigues, P., Wayland, S.C., Hettick, C., Buckwalter, T., Blake III., C. (2011). Spelling Correction for Dialectal Arabic Dictionary Lookup. *Association for Computing Machinery Transactions on Asian Information Processing (TALIP)*, 10(1).

Berndt, R.S., Mitchum, C.C., & Wayland, S.C. (1997). Patterns of sentence comprehension in aphasia: A consideration of three hypotheses. *Brain and Language*, 60(2), 197-221.

Berndt, R.S., Haendiges, A.H., Mitchum, C.C., & Wayland, S.C. (1996). An investigation of nonlexical reading impairments. *Cognitive Neuropsychology*, 13(6), 763-801.

Wayland, S.C., Berndt, R.S. & Sandson, J.R. (1996). Aphasic patients' sensitivity to structural and meaning violations when monitoring for nouns and verbs in sentences. *Neuropsychology*, 10(3), 504-516.

Wayland, S.C., Miller, J.L. & Volaitis, L.E. (1994). The influence of sentential speaking rate on the graded internal structure of phonetic categories. *Journal of the Acoustical Society of America*, 95 (5), 2694-2701.

Miller, J.L. & Wayland, S.C. (1993). Limits on the limitations of context conditioned effects in the perception of [b] and [w]. *Perception & Psychophysics*, 54(2), 205-210.

Wayland, S.C. & Thompson, A.K. (1992). An external millisecond timer for the Apple® Macintosh® with applications to cross modal lexical priming. *Behavioral Research Methods, Instrumentation & Computers*, 24(4), 528-534 .

Wingfield, A., Wayland, S.C., & Stine, E.A.L. (1992). Age differences in the use of prosody for syntactic parsing and recall of spoken sentences, *Journal of Gerontology: Psychological Sciences*, 47(5), P350-P356.

Wayland, S.C., Wingfield, A. & Goodglass, H. (1989). Recognition of isolated words: The dynamics of cohort reduction, *Journal of Applied Psycholinguistics*, 10, 475-487.

Wingfield, A., Goodglass, H. & Wayland, S.C. (1989). The nature of prolonged word search, *Brain and Language*, 36, 411-419.

Wingfield, A. & Wayland, S.C. (1988). Object naming and aphasia: Word initial phonology and response activation, *Aphasiology*, 2, 423-425.

Wayland, S.C. (1980). The effect of extremely low frequency electromagnetic fields on *phaseolus lunatis* and *phaseolus vulgaris*. *Studies in Natural Science*, 2(10), 1-10.

CHAPTERS AND MANUALS

Shank, B., Speer, S., Thompson, A., & Wayland, S. (2001) Pure objects and useful knowledges. In Ashman, K.M. & Baringer, P.S., *After the Science Wars*, Routledge: Taylor & Francis Group: New York, ISBN 0-415-21208-1.

Berndt, R.S., Wayland, S.C., Rochon, E., Saffran, E., & Schwartz, M. (2000). *Quantitative Production Analysis (QPA): A Training Manual for the Analysis of Aphasic Sentence Production*, Psychology Press: Taylor & Francis Group, ISBN 0-86377-769-4.

TECHNICAL REPORTS

Wayland, S., Silbert, N. , O'Connell, S., Linck, J., Kramasz, D., Gynther, K., Bloomfield, A., Blodgett, A. (2012). *Second Language Listening Comprehension: Effects of Speech rate, passage length, and information density*. Center for Advanced Study of Language – University of Maryland, TTO 81434, Interim Technical Report E.5d.

- Bloomfield, A. & Wayland, S.C. (2012). *Factors related to the speakers in an L2 listening passage: Familiarity, number of speakers, and speaker variability*. Center for Advanced Study of Language – University of Maryland, TTO 81434, Technical Report E.6.
- Blok, S.V., Browne, E., Campbell, S.G., Goldman, A., Powell, A., Wayland, S.C. (2012). *Translation technology from a user perspective: A study of linguists' current workflow and initial experience with MultiTrans Prism*. Center for Advanced Study of Language – University of Maryland, TTO 83405 Technical Report E.1.2.
- Wayland, S.C., Powell, A. , and Browne, E. (2011) *Resources used by Arabic language analysts: A survey of current use and requests for enhancements*. Center for Advanced Study of Language – University of Maryland, TTO 3312 Technical Report E.3.2.
- Bloomfield, A., Wayland, S.C., Rhoades, E.R., Blodgett, A., Linck, J., & Ross, S. (2010a). *What makes listening difficult? Factors affecting second language listening comprehension*. Center for Advanced Study of Language – University of Maryland, TTO 81434 Technical Report E.3.1.
- Bloomfield, A., Wayland, S.C., Rhoades, E.R., Blodgett, A., Linck, J., & Ross, S. (2010b). *Factors affecting second language listening comprehension: An initial taxonomy of passage characteristics and their reported effects on second language listening comprehension*. Center for Advanced Study of Language – University of Maryland, TTO 81434 Technical Report E.3.2.
- Wayland, S.C., Powell, A.L., Harbison, J.I., Rhoades, E.R., & Forsyth, B. (2009). *Do transcriptions improve translations? Quick transcripts in the source language did not help translators more quickly create quality translations*. Center for Advanced Study of Language – University of Maryland, TTO 3401 Technical Report E.3.2.
- Wayland, S.C., Powell, A.L., Rhoades, E.R., Harbison, J.I., & Forsyth, B. (2009). *Operational Issues in Translation: Observations regarding resources that can help translators be more effective*. Center for Advanced Study of Language – University of Maryland, TTO 3401 Technical Report E.3.3.
- Rhoades, E.R., Harbison, J.I., Wayland, S.C., Powell, A.L., & Forsyth, B. (2009). *Translation Quality Control at the FBI: Focus on Feedback and Intelligence Value*. Center for Advanced Study of Language – University of Maryland, TTO 3401 Technical Report E.3.4(1).
- Harbison, J.I., Powell, A.L., Rhoades, E.R., Wayland, S.C. & Forsyth, B. (2009). *A Quantitative Measure Based on the FBI's Quality Control Process*. Center for Advanced Study of Language – University of Maryland, TTO 3401 Technical Report E.3.4(2).
- Rytting, C.A., Buckwalter, T., Zajic, D., Wayland, S.C., Hirsch, B., Carnes, J., & Lynn, N. (2008). *Supporting Iraqi Arabic Speech Search: An updated and improved lexicon helps analysts effectively search for Arabic terms*. Center for Advanced Study of Language – University of Maryland, TTO 3312 Technical Report E.3.1.

SOFTWARE PRODUCTS

Did You Mean...? Arabic query correction tool - The *Did You Mean...?* query correction tool takes as its input a single-word entry following the Standard Arabic Text Transliteration Standard (SATTS). It returns a list of suggested alternatives, ranked by weighted edit distance from the original query, using words found in a digitized version of the Georgetown University Iraqi Arabic to English dictionary (Woodhead & Beene, 2003). These alternatives are reached through multiple spelling correction procedures: correction for confusions between SATTS and other transcription systems, auditory confusion of the word itself, and simple mistypings. The correction process draws on confusion matrices assembled from errors made by English-speaking learners of Arabic, as reported by learners and teachers. It may be used as an automatic service called by another web-based program, or used directly by language analysts (via the CASL Iraqi *Did You Mean...?* user interface).

PAPERS PRESENTED AT SCIENTIFIC MEETINGS

Goodwin, M., Boser, K., and Wayland, S.C. (2014). *Technology Tools for Students with Autism: A Book Précis*. Paper presented at the 2014 Meeting of the ITASD, Paris, France, October 3-4, 2014.

Boser, K.I. & Wayland, S.C. (2014). *Technology Tools For Students With Autism: Innovations That Enhance Independence and Learning*. Paper presented at the 2014 Meeting of the Speech Language Pathology Assistive Technology, Baltimore, MD, June 26th, 2014.

Dixon, M., Wayland, S., & Karahalios, K. (2012). *Measuring Neurotypical Adults' Conversational Skills With the Conversation Clock*. Paper presented at annual meeting of the American Speech Language and Hearing Association, Atlanta, GA, November, 2012.

Bloomfield, A., Blodgett, A., Wayland, S., Kramasz, D., Gynther, K., & Linck, J. (2011). *Factors related to passage length and L2 listening comprehension*. Poster presented at the Annual Conference of Cognitive Science Society, Boston, MA.

Bloomfield, A., Wayland, S., Blodgett, A., & Linck, J. (2011). *What makes listening difficult? Characteristics of the passage that influence comprehension in a second language*. Talk presented at the Interagency Language Roundtable Summit on Listening, Washington, DC.

Bergstrom, A., Karahalios, K., Dixon, M., and Wayland, S.C. (2010). *Using Social Mirrors to Teach Conversation Skills to People with Social Skills Deficits*. Paper presented at the annual meeting of the International Meeting for Autism Research, Philadelphia, May 2010.

Rytting, C.A., Rodrigues, P., Buckwalter, T., Zajic, D., Hirsch, B., Carnes, J., Lynn, N., Wayland, S.C., Taylor, C., White, J., Blake, C., Browne, E., Miller, C., Purvis, T. (2010) *Error Correction for Arabic Dictionary Lookup*. Paper presented at the annual meeting of the Language Resource and Evaluation Conference, Malta, May 2010.

Wayland, S.C., Rytting, C.A., Zajic, D., Buckwalter, T., White, J., Miller, C., Carnes, J., Lynn, N., Rodrigues, P., Maxwell, M., & Browne, E. (2010). *Finding Entries in an On-line Arabic Dictionary*. Paper presented at the 27th Annual Symposium for the Human Computer Interaction Lab, College Park, MD, May 2010.

Carnes, J., Rytting, C.A., Wayland, S., Browne, E., Buckwalter, T., Lynn, N., Maxwell, M., Miller, C., Zajic, D. (2010). *Spelling Correction for Arabic Dictionary Lookup*. Presentation at the Georgetown University Round Table on Languages and Linguistics, Washington, DC.

Dixon, M., Wayland, S.C., Karahalios, K., and Bergstrom, A. (2009) *Teaching Conversation Skills Using Social Mirrors*. Paper presented at annual meeting of the American Speech Language and Hearing Association, New Orleans, November, 2009.

Rytting, C.A., Wayland, S., Buckwalter, T., Carnes, J., Hirsh, B., Lynn, N., Maxwell, M., & Zajic, D. (2009). *Spell correction for Arabic dialect text and speech search*. Sixth Midwest Computational Linguistics Colloquium, Bloomington, Indiana.

Wayland, S., Zajic, D., Rytting, C.A., Owens, J., Harper, M., Grage, B., Buckwalter, T., & Browne, E. (2008). *Phonetic Search of Speech: Dictionary Normalization and Query Expansion*. Paper presented at the 25th Annual Symposium for the Human Computer Interaction Lab, College Park, MD, May 2008.

Elam, G.A. & Wayland, S.C. (1999) *Prosody and Prompt Design in a Computer Dialog System*. *Proceedings of the ESCA Tutorial and Research Workshop on Dialogue and Prosody*. Eindhoven (The Netherlands).

Speer, S.R., Wayland, S.C., Kjelgaard, M.M., and Wingfield, A. *Effects of speaking rate and paragraph structure on the production of sentence prosody*. Paper presented at the 127th meeting of the Acoustical Society of America, Boston, June, 1994.

Wayland, S.C., Berndt, R.S., and Sandson, J.R. *Syntactic, semantic, and lexical information in auditory sentence comprehension*. Paper presented at the 7th annual CUNY Sentence Processing Conference, Manhattan, March, 1994.

Wayland, S.C. & Miller, J.L. *Influence of internal phonetic category structure in on-line speech processing*. Paper presented at the 33rd meeting of the Psychonomic Society, St. Louis, November, 1992.

Wayland, S.C. & Miller, J.L. *The influence of sentence articulation rate on the internal structure of phonetic categories*. Paper presented at the 124th meeting of the Acoustical Society of America, New Orleans, November, 1992.

Wayland, S.C. & Wingfield, A. *Word-onset versus word specification in spoken and visual word recognition*. Paper presented at the 32nd meeting of the Psychonomic Society, San Francisco, November, 1991.

Wayland, S.C., Wingfield, A. & Stine, E.A.L. *Prosodic influences on the perceptual organization of sentences by young and elderly listeners*. Paper presented at the 122nd meeting of the Acoustical Society of America, Houston, November, 1991.

Wayland, S.C. & Wingfield, A. *Gating and cohort structure: A test of speech recognition theories*. Paper presented to the Annual Meeting of the American Psychological Association, New York, August, 1987.

Martin, R.C. & Wayland, S.C. *A deficit in parallel feature extraction in a case of apperceptive agnosia*. Paper presented to the International Neurological Society. San Diego, June, 1985.

MAGAZINE ARTICLES

Wayland, S.C. (2008). Why is it So Difficult to Get Treatment for Language Disorders? *2e Newsletter*, September/October 2008.

Boser, K.I. & Wayland, S.C. (2014). Seven Apps That Teach Literacy Skills, *THE Journal*, March 2014.

Wayland, S.C. (2014). Teaching Social Skills with RDI, *2e Newsletter*, May/June 2014

Wayland, S.C. (2014). Teaching Your Gifted Kid How to Connect with Others through RDI, *Gifted Homeschoolers Forum Newsletter*.

Abrams, S.M. & Wayland, S.C. (2015). It's as Easy as Child's Play! Or is it? – Social Communication Disorders in Children, *Washington Parent Magazine*, July 2015.

Wayland, S.C. & Blucher, R. (2015). Supporting 2e Students in Prince George's County, *2e Newsletter*, July/August 2015.

Wayland, S.C. (2017). First, Put on Your Own Oxygen Mask: Be a Better Parent by Caring for Yourself, *Attention Magazine*, Winter 2017.

Wayland, S.C. (2018). We All Have Our Parenting Kryptonite, *Attention Magazine*, February 2018.

CONFERENCES & WORKSHOPS

RDI Teacher Institute – Relationship Development Intervention in the Classroom. A year-long program for Special Educators in [Prince George's County Public Schools](#) who want to learn to use the principles of [Relationship Development Intervention](#) with their autistic students. 2018, 2019, and 2020 school years. (with Betty Adkins, Maisie Soetantyo, and Laura Sibbald).

Restoring Your Relationships for Better Outcomes. Paper accepted for Oral Presentation at the *5th World Autism Organisation International Congress 2018* (<http://worldautismorganisation.com/category/wao-2018-16/>), November 12-15. Houston, TX.

Say What??? *An Often-Overlooked Prerequisite for Good Health Care: Accurate communication about what the client is experiencing and what they understand*. Presentation given at the annual conference of the Maryland chapter of the National Alliance for Mental Illness (NAMI). October 27, 2017. (With Nadia Carell).

Helping Kids With Autism and Other Differences Succeed in the Classroom. Three-hour workshop given to the school psychologists in Prince George's County Public Schools. Adelphi, MD. November 11th, 2016.

Using Technology to Support Kids with Executive Functioning Issues. Workshop given at the annual Powering Up With Technology conference hosted by Prince George's County Public Schools, Upper Marlboro, MD, 8 November 2014. (with Tracy Thompson & Judy Rein).

HOPE: Having Opportunities for Positive Experiences for LD Learners – Workshop presented at the Bi-Annual meeting of The Learning Disabilities Association of Montgomery County, Friday October 24, 2014, Bethesda, MD (with Rose Blucher, M.Ed.).

Why Does She Do That? Using a Child's Profile to Understand Behavior – Workshop presented at the 5th annual ACT Early Childhood Conference sponsored by The Abilities Network, Towson, MD. September 27th, 2014.

Gifted With Challenges: Understanding and Supporting Your Twice-Exceptional Child – Online seminar hosted by the Davidson Institute for Talent Development. June 4-8 & Nov 4-8, 2013. (with Meredith Warshaw, LCSW, MA)

Taming the Transitions – Conference for busy educators and parents of students with ADHD and other learning differences, co-sponsored by CHADD and the GT/LD Network. McLean School, Potomac, MD. November 3, 2012. (Coordinating Committee member.)

Reconsidering the College Classroom in the Light of Modern Technology and Different Learning Styles (College Park, MD – May 2012). Workshop at the 29th Annual Symposium of the Human Computer Interaction Lab at the University of Maryland. This workshop explored the use of technology to shift thinking about classroom education and harnessing technology to enable many more kinds of learning opportunities and to support a wide range of learners (e.g., through Universal Design for Learning, or UDL.) Discussion focused on how to adapt existing materials, update instructor skills, and update technological infrastructure, as well as on efficacy. (with Ben Bederson and June Ahn – Workshop Organizer)

Diamonds in the Rough: Smart Kids Who Learn Differently (Rockville, MD – March 2010) - National conference for educators, mental health providers, parents and students and all who appreciate the unique strengths and needs of bright kids who learn differently. (Coordinating Committee Member)

Designing for People Who Learn Differently (College Park, MD – May 2009). Workshop given as part of the 26th Annual Symposium of the Human Computer Interaction Lab at the University of Maryland – This workshop focused on methods for helping those with cognitive disabilities including (but not limited to) autism, dyslexia, memory impairments, ADHD, and speech and language delays. Clinicians, teachers, and people with disabilities joined us so that their individual and unique perspectives could inform the discussion. (with Katharina Boser - Workshop Organizer)

What Works and Why: Unmasking student strengths through innovative learning experiences (Columbia, MD – November 2008) - National and local experts explore what works for students perceived as underachieving, unmotivated, and unengaged learners. Presenters focused on practical strategies for engaging and energizing students through rich, hands-on, multi-sensory, real-world profession-oriented, and strength-based instruction, integrating the arts and technology across the curriculum. (Coordinating Committee Member)

Spoken Language Technology (College Park, MD – May 2008). Tutorial given as part of the 25th Annual Symposium of the Human Computer Interaction Lab at the University of Maryland. Designed for people who wanted an introduction to what is involved in creating a good voice user interface, as well as those who want to learn more about the research questions peculiar to designing voice user interfaces. (Organizer, presenter)

SELECTED INVITED LECTURES

Wayland, S.C. (2021). *Autistic Strengths*. Presentation for the [Let's Talk 2e Adults Online Conference](#) hosted by [Julie Skolnick](#). November 1st – 2nd.

Wayland, S.C. (2021). *A Simple System for Navigating Care When Your Child Has an Invisible Disability*. Presentation for the Parent & Caregiver Summit organized by [Moirra Cleary of Surviving the Waiting Room](#). September 20th.

Clairy, K. & Wayland, S.C. (2021). *Eating Disorders and Autism*. Presentation at the [Relationship Development Intervention \(RDI\) Annual Conference](#). Online. April 25th.

Wayland, S.C. & Clairy, K. (2021). *Understanding Behavior: What are Autistic Children Communicating?* [Online presentation for xMinds.org](#). March 10th.

Wayland, S.C. & Starobin, C. (2020). *Autistic People are Relational: RDI and Family System Theory*. Presentation at the [Relationship Development Intervention \(RDI\) Annual Conference](#). Online. November 8th.

Wayland, S.C. (2020). *"I Can't Do It All!" How to Figure Out What You Can Do, What Really Matters, and How to Handle the Rest*. Online presentation for (1) [PGCPS Family Support Center](#)'s Annual Conference (May 15th), (2) [The RDI Parent Community](#) (May 27th), (3) [Kennedy Krieger School](#)'s Parent Association (September 23rd).

Wayland, S.C. (2020). *Supporting People with Autism: Understanding the Core Challenges So You Can Collaborate and Solve Problems*. Workshop presented to the Montgomery County Department of Health & Human Services. Zoom. May 29th.

Wayland, S.C. (2020). *Understanding Your Dysregulated Child and Solving Problems Collaboratively*. Presentation for the [2020 Kids Kintha Special Kids International Summit](#). Online. April 7th.

Wayland, S.C. (2020). *Autism Through the Lens of Relationships*. Presentation for the [Second Annual Innovative Child Therapy Symposium](#). Online. February 8th.

Wayland, S.C. (2019). *What is Autism?* Workshop presented to the [Montgomery County Infants and Toddlers Program \(MCITP\)](#) mental health professionals and nurses. Lourie Center, Rockville, MD. October 1st.

Wayland, S.C. (2019). *Developing an NDIS-Compliant Behavior Support Plan for People with Autism – One day workshop* presented in both Melbourne and Brisbane Australia. Hosted by Connect and Relate for Autism (CARFA). August 12th & 19th.

Wayland, S.C. (2019). *Understanding the Impact of Autism on Literacy*. Presentation given to the School Psychologists of [Prince George's County Public Schools](#). May 3rd.

Wayland, S.C. (2019). *Launching Your Twice-Exceptional Student: Plan for the Worst & Hope for the Best*. [Diamonds in the Rough](#). April 13th.

Henderson, D. & Wayland, S.C. (2019). [Tending Your Garden](#). Presentation given to the parents of The Lab School of Washington DC. April 3rd.

Wayland, S.C. (2018). *Relationship Development Intervention (RDI) in the Classroom – Workshop* presented at the *Annual RDI Conference for Professionals*, Houston, TX. November 10-11th, 2018.

Wayland, S.C. (2018). *Helping Your Kids, Helping Yourself*. Keynote speaker at the Duplication Cares Conference <https://www.duplicationcares.org/event/washington-dc-conference/>, Washington, DC. June 15, 2018.

Werner, M.A. & Wayland, S.C. (2018). *Impact of Autism on Success in a Traditional Classroom*. Presentation given for the *Spring Lecture Series of the Ivymount Outreach Program*. Rockville, MD. May 24, 2018.

Wayland, S.C. & Williams, P.M. (2018). *Understanding Emotions, Stress, and the Brain to Understand Behavior*. Online presentation for the *Parenting ADHD & Autism Online Summit* <http://parentingadhdsummit.com/> April 10, 2018.

Wayland, S.C. (2018). *Stress and the Brain: Self-Regulation Strategies to Help You and Your Family*. Presentation given at *Cecily's Advocacy Workshop*, <https://www.mcleanschool.org/page/school-life/parent-life/presentations--workshops/cecilys-advocacy-workshop-2017-2018>. March 3, 2018.

Wayland, S.C. (2017). *Caring for the Caregiver: First, Put on Your Own Oxygen Mask*. Presentation given at the Maryland Coalition for Families Conference *Parenting Through the Adolescent Years*. September 23, 2017.

Wayland, S.C. (2017). *Kids Do Well When They Can*. Presentation given at the *Happy Mama Conference and Retreat*. Lutherville, NC. May 5-6, 2017.

Wayland, S.C., Kozlowski, T. & Abrams, S. (2017). *Our Kid Just Got an Autism Diagnosis. Now What?* Presentation for Extraordinary Minds (<http://www.xminds.org>). Rockville, MD. February 7th, 2017.

Wayland, S.C. (2016). *Supporting Students with Autism in the Classroom*. Teacher training given at The Edmund Burke School, Washington, D.C. October 26th, 2016.

Wayland, S.C. (2016). *Kids Do Well When They Can: Working with Kids, Even When They are Challenging*. All-day training workshop for Camp Counselors for Camp Magruder. Hyattsville, MD. June 18th, 2016.

Wayland, S.C. (2016). *Kids Do Well When They Can*. Presentation given at the *Happy Mama Conference and Retreat*. Lutherville, NC. May 13-15, 2016.

Wayland, S.C. (2016). *Parenting Challenging Children? First Put On Your Own Oxygen Mask*. Presentation given at the Learning Disabilities Association of Montgomery County 2016 Conference, *Successful Strategies for School and Home*. Rockville, MD. April 30th, 2016.

Wayland, S.C. (2016). *The Many Faces of Grief: Understanding Yourself While Loving Your Child*. Presentation given at the *Redefining Autism Online Summit*. February 8th, 2016.

Wayland, S.C. & Lee, K. (2016). *The Emotional Rollercoaster of Parenting Kids with Disabilities*. Four-part webinar series for the RDI Connection Center Online Community. January 11th, 25th, February 20th, and May 10th, 2016.

Wayland, S.C. (2015). *Surviving the Holidays*. Presentation given at Meadow Hall Elementary School. Rockville, MD. December 1st, 2015.

Wayland, S.C. (2015). *Universal Design: Spoken & Written Language*. Presentation given to the Children's Developmental Clinic at Prince George's Community College, September 10th, 2015.

Wayland, S.C. (2015). *Take Care of Yourself (So You Can Care for Your Family)*. Presentation given at the Oyster Adams School, Washington, DC. June 9th, 2015.

Wayland, S.C. (2015). *The Ages & Stages of Social Communication: Approaches for Teaching Relation Development*. Center for Communication and Learning's Parent University. Potomac, MD, April 21st, 2015.

Boser, K.I. & Wayland, S.C. (2015). *Technology Tools for Students with Autism and Other Disorders: Independence and Learning*. Presentation at the Project Access Conference at Howard County Community College, Columbia, MD. April 18th, 2015.

Wayland, S.C. (2015). *Oh! My Child has Autism! That Explains It...* Guest lecture at University of Maryland College Park – Department of Special Education. April 13th, 2015.

Wayland, S.C. (2014). *Know Your Child, Know Yourself: Parenting with Your Child's Profile in Mind*. Presentation hosted by the University of Maryland's Autism Research Consortium, September 20th, 2014.

Wayland, S.C. (2014). *Communicating Effectively*. Webinar given to the Relationship Development Intervention online community, Houston, TX, September 5th, 2014.

Wayland, S.C. (2014). *Coaching Relationship Development in Children on the Autism Spectrum*. Presentation given at the monthly meeting of xMinds – Partnership for Extraordinary Minds, Rockville, MD, June 12, 2014.

Wayland, S.C. (2014). *Behavior is Communication! Demystifying FBAs and BIPs*. Presentation given at the Third Annual Prince George's County Public Schools Parent Empowerment Conference, Landover, MD, March 8, 2014.

Moon, S., Wayland, S.C. & Boser, K. (2010, 2011). *Panel Discussion: Living with Disability*. Presentation given to class in Department of Special Education called *The Contexts of Disability: From Stigma and Sideshow to Mainstream and Main Street*, College Park, MD, January, 2010.

Wayland, S.C., Buckwalter, T., Rytting, C.A., Carnes, J., Hirsch, B., Lynn, N., Zajic, D., Browne, E, M. Maxwell, M. (2008). *Finding entries in an on-line Arabic dictionary*. Presentation given at the Human-Computer Interaction Lab's Brown Bag Lunch series at the University of Maryland, December, 2009.

Wayland, S.C. (2008). *Voice user interface design*. Colloquium given at the Human-Computer Interaction Lab's Brown Bag Lunch series at the University of Maryland, April, 2008.