CURRICULUM VITAE

# Anne L. van Zelst, Ph.D. CCC-SLP

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Building 47, Room 450
Boca Raton, FL

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## EDUCATION

**University of Delaware,** Newark, DE 2024
Ph.D., Communication Sciences and Disorders
Advisor: F. Sayako Earle, Ph.D.
Dissertation: *Time is of the Essence: Examining the time course of speech-motor learning in adolescents and young adults with and without childhood apraxia of speech*

**Temple University,** Philadelphia, PA 2016-2018
Ph.D. Student, Communication Sciences and Disorders
Advisor: Edwin Maas, Ph.D.

**Pennsylvania State University,** University Park, PA 2006
Certificate in Applied Behavior Analysis

**Temple University,** Philadelphia, PA 1994
Master of Arts, Speech-Language Pathology

**DeSales University,** Center Valley, PA 1988
Bachelor of Arts, Magna Cum Laude, Theatre

**Yale University,** New Haven, CT 1986
6 Credits Theatre and Speech

## ACADEMIC POSITIONS

**Assistant Professor**
**Florida Atlantic University** Department of Communication Sciences and Disorders 2024-Present
Principal Investigator Speech and Time (CHAT) Lab

**Research Assistant**
**University of Delaware** Department of Communication Sciences and Disorders 2019-2023
Memory and Perception of Speech (MAPS) Lab
**Temple University** College of Public Health Research Assistantship 2017-2018
Speech, Language and Brain (SLAB) Lab

**Graduate Writing Tutor** 2023-2024
**University of Delaware** Writing Center

**Research Speech-Language Pathologist**
**Temple University** Department of Communication Sciences and Disorders 2016-2017
Speech, Language and Brain (SLAB) Lab

**Teaching Assistant**
**Temple University** College of Public Health Teaching Assistantship 2016-2017

## RESEARCH FUNDING

**Florida Atlantic University** Office of Undergraduate Research and Inquiry 2026
Award-$600
**Florida Atlantic University** Office of Undergraduate Research and Inquiry 2026
Award-$1,400
**University of Delaware** College of Arts & Sciences Research Funding
Award-$500 2023
**University of Delaware** Travel Award
Award-$3,000 2022
**University of Delaware** Summer Doctoral Fellowship 2020
Award-$4,500
**University of Delaware** UNIDEL Scholarship 2019
Award-$5,000
**Temple University** Graduate School First Summers Research Grant 2017
Award- $6,500

## PUBLICATIONS

**Peer-reviewed publications**

1. **van Zelst, A. L.**, & Earle, F. S. (in press). Harnessing time: Leveraging chronotype asynchrony to promote efficient speech motor learning. *JASA Express Letters*.
2. Solbi, A., Thimmugari, R. G., **van Zelst, A. L.**, & Earle, F. S. (2026). Speech-sound memory consolidation over a daytime nap in adults with and without developmental language disorder. *Frontiers in Behavioral Neuroscience, 20*, Article 1903903. https://doi.org/10.3389/fnbeh.2026.1903903
3. **van Zelst, A. L.**, & Earle, F. S. (2026). Against the clock: How time of day influences speech-motor learning in adolescents and young adults with and without childhood apraxia of speech. *Clinical Linguistics & Phonetics*. Advance online publication. https://doi.org/10.1080/02699206.2026.2713447
4. **van Zelst, A. L.**, & Earle, F. S. (2024). A matter of time: A web-based investigation of rest and sleep effects on speech motor learning. *Journal of Speech, Language, and Hearing Research, 67*(1), 59–71. https://doi.org/10.1044/2023_JSLHR-22-00309
5. **van Zelst, A. L.**, & Earle, F. S. (2021). A case for the role of memory consolidation in speech-motor learning. *Psychonomic Bulletin & Review, 28*(1), 81–95. https://doi.org/10.3758/s13423-020-01793-w

**Published abstracts**

6. **van Zelst, A.**, & Earle, F. S. (2022). A matter of time: An online experiment investigating the impact of post-practice rest and sleep on speech-motor learning [Abstract]. *Stem-, Spraak- en Taalpathologie, 27*(Suppl.).
7. **van Zelst, A.**, & Maas, E. (2017). Speech timing in children with and without speech sound disorders: Acoustic measures of absolute and relative timing accuracy [Abstract]. *Stem-, Spraak- en Taalpathologie, 22*(Suppl.).

**Non-peer-reviewed publications**

8. **van Zelst, A.** (2017, December). Riding the rails to treatment success: Maximizing client participation in speech-language therapy. *MedBridge Blog*. https://www.medbridgeeducation.com/blog/2017/12/riding-rails-treatment- success-maximizing-client-participation-speech-language-therapy/
9. **van Zelst, A.** (2016, April). Mining for gold: Ten tips for finding motor speech targets when treating CAS. *MedBridge Blog*. http://www.medbridgeeducation.com/blog/2016/04/mining-for-gold-ten-tips-for-finding-motor-speech-targets/
10. **van Zelst, A.** (2015, December). A clinician's roadmap for childhood apraxia of speech. *MedBridge Blog*. http://www.medbridgeeducation.com/blog/2015/12/a-clinicians-roadmap-for-childhood-apraxia-of-speech/

## PRESENTATIONS

**Invited presentations**

1. **van Zelst, A. L.** (2025, December). *Time is not a thief: Capturing the offline neural dynamics of speech learning* [Invited presentation]. Stiles-Nicholson Brain Institute Neuroscience Seminar Series, Boca Raton, FL, United States.
2. Jakielski, K. J., & **van Zelst, A.** (2019, June). *Evidence-based treatment in childhood apraxia of speech: Focus on teens* [Invited two-day workshop]. Danish Association for Logopaedics and Phoniatrics, Bispebjerg Hospital, Copenhagen, Denmark.
3. **van Zelst, A.** (2018, May). *Treatment of childhood apraxia of speech in school-age children* [Invited one-day workshop]. Rock Hill School District 3, Rock Hill, SC, United States.
4. Velleman, S., Overby, M., & **van Zelst, A.** (2015, July). *Hot topics in CAS treatment: Treatment of CAS. Treatment of CAS and group therapy: Oxymoron, paradox, or possibility?* [Invited oral presentation]. National Convention on Childhood Apraxia of Speech, San Antonio, TX, United States.
5. **van Zelst, A.** (2015, July). *A view from the trenches: A school-based SLP discusses balancing advocacy and best practices in CAS treatment and education* [Invited oral presentation]. National Convention on Childhood Apraxia of Speech, San Antonio, TX, United States.

**Peer-reviewed oral presentations**

6. **van Zelst, A. L.**, Mitchell, L., Bahls, J., & Steele, K. (2026, November 19–21). *Innovating apraxia supervision: A momentum-based approach across training, lifespan, and practice settings* [Oral presentation]. American Speech-Language-Hearing Association Convention, Indianapolis, IN, United States.

7. **van Zelst, A. L.** (2025, July). *Beat the clock: Using time to promote speech-motor learning in young adults with childhood apraxia of speech* [Oral presentation]. Apraxia Kids Conference, Virtual.
8. **van Zelst, A. L.**, & Earle, F. S. (2025, June 19–22). *Time matters: Examining rest and sleep effects on speech-motor learning in adolescents and young adults with and without childhood apraxia of speech* [Oral presentation]. Florida Association of Speech-Language Pathologists and Audiologists Annual Convention, Orlando, FL, United States.
9. **van Zelst, A.**, & Earle, F. S. (2022, November). *Time matters: A web-based investigation of rest and sleep effects on speech-motor learning* [Oral presentation]. American Speech-Language-Hearing Association Convention, New Orleans, LA, United States. (Proposal 10048 accepted; withdrawn, medical emergency)
10. **van Zelst, A.**, & Earle, F. S. (2020, November). *Time will tell: Can post-practice quiet rest or sleep improve novel speech motor learning?* [Oral presentation]. American Speech-Language-Hearing Association Convention, San Diego, CA, United States. (Proposal 11035 accepted; convention canceled)
11. Maas, E., Gildersleeve-Neumann, C., Jakielski, K., Kovacs, N., Stoeckel, R., Vradelis, H., Welsh, M., & **van Zelst, A.** (2017, November). *Treatment for childhood apraxia of speech (CAS): Amount and intensity of practice* [Oral presentation]. American Speech-Language-Hearing Association Convention, Los Angeles, CA, United States.
12. Mitchell, L., & **van Zelst, A.** (2016, November). *Clinical tools for treating CAS from A-Z* [Oral presentation]. American Speech-Language-Hearing Association Convention, Philadelphia, PA, United States.
13. Mitchell, L., & **van Zelst, A.** (2016, July). *Roadblock to reward: Using ABA and PML principles in the treatment of CAS* [Oral presentation]. National Convention on Childhood Apraxia of Speech, Chicago, IL, United States.
14. **van Zelst, A.**, & Mitchell, L. (2015, July). *Building spunk and grit: Promoting resilience and success in CAS treatment* [Oral presentation]. National Convention on Childhood Apraxia of Speech, San Antonio, TX, United States.
15. Mitchell, L., & **van Zelst, A.** (2015, July). *Armed and ready for Monday morning! 26 tried and true valuable clinical tools* [Oral presentation]. National Convention on Childhood Apraxia of Speech, San Antonio, TX, United States.
16. **van Zelst, A.**, & Mitchell, L. (2014, July). *Step off of your island and get into the boat* [Oral presentation]. National Convention on Childhood Apraxia of Speech, Nashville, TN, United States.
17. **van Zelst, A.**, Mitchell, L., & Aggarwal, P. (2013, July). *The changing face of childhood apraxia of speech* [Oral presentation]. National Conference on Childhood Apraxia of Speech, Danvers, MA, United States.
18. **van Zelst, A.**, & Wozniak, R. (2011, August). *The CLM: A framework for inclusion* [Oral presentation]. National Autism Conference, University Park, PA, United States.
19. Koenig, M., **van Zelst, A.**, et al. (1998, March). *Intensive behavioral intervention: Longitudinal profiles* [Oral presentation]. Pennsylvania Speech-Language-Hearing Association Convention, Philadelphia, PA, United States.

**Peer-reviewed poster presentations**

6. **van Zelst, A. L.**, Walter, B., Cavarretta, C., Jordan, C., Nomberg, E., & Salas-Scholtz, V. (2026, November 19–21). *Beyond practice: Examining the effects of post-practice daytime sleep and quiet rest on speech learning* [Poster presentation]. American Speech-Language-Hearing Association Convention, Indianapolis, IN, United States.
7. **van Zelst, A. L.**, Walter, B., Cavarretta, C., Jordan, C., Nomberg, E., & Salas-Scholtz, V. (2026, November 19–21). *Electrophysiological and behavioral indices of speech perception in adolescents and teens with longstanding childhood apraxia of speech* [Poster presentation]. American Speech-Language-Hearing Association Convention, Indianapolis, IN, United States.
8. Dobuler, A., Timm Fulkerson, C., & **van Zelst, A. L.** (2026, July 9–11). *Mitigation of the seductive details effect in children* [Poster presentation]. Florida Association of Speech-Language Pathologists and Audiologists Annual Convention, West Palm Beach, FL, United States.
9. **van Zelst, A. L.**, Dobuler, A., Cocilovo, F., Gafni, A., Arnett, S., & Earle, F. S. (2025, November). *Harnessing time: Leveraging chronotype synchrony and asynchrony to promote efficient speech motor learning* [Poster presentation]. American Speech-Language-Hearing Association Convention, Washington, DC, United States. (**Meritorious award**)
10. **van Zelst, A. L.**, Young, I., Qi, Z., & Earle, F. S. (2025, November). *Cognitive-linguistic profiles of adults with developmental language disorder* [Poster presentation]. American Speech-Language-Hearing Association Convention, Washington, DC, United States. (**Centennial award**)
11. **van Zelst, A. L.**, Thimmugari, R. G., & Earle, F. S. (2022, October 6–8). *Is time on our side? A web-based and fMRI investigation of offline speech-motor learning* [Poster presentation]. 14th Annual Meeting of the Society for the Neurobiology of Language, Philadelphia, PA, United States. https://www.neurolang.org/poster-sessions/?id=48
12. Thimmugari, R. G., **van Zelst, A. L.**, & Earle, F. S. (2022, October 6–8). *A polysomnographic study of speech-sound memory consolidation in individuals with and without DLD* [Poster presentation]. 14th Annual Meeting of the Society for the Neurobiology of Language, Philadelphia, PA, United States. https://www.neurolang.org/poster-sessions/?id=50
13. **van Zelst, A. L.**, & Earle, F. S. (2022, August 24–27). *A matter of time: An online experiment investigating the impact of post-practice rest and sleep on speech-motor learning* [Poster presentation]. 8th International Conference on Speech Motor Control, Groningen, the Netherlands. https://slp-nijmegen.nl/smc2022/
14. **van Zelst, A.**, & Maas, E. (2018, February). *Is timing really everything? Acoustic measures of temporal accuracy in children with and without speech sound disorders* [Poster presentation]. 19th Biennial Conference on Motor Speech, Savannah, GA, United States. (**Student Research Award**)
15. **van Zelst, A.**, & Maas, E. (2017, November). *Speech timing in children with and without speech sound disorders: Acoustic measures of absolute and relative timing accuracy* [Poster presentation]. American Speech-Language-Hearing Association Convention, Los Angeles, CA, United States.
16. **van Zelst, A.**, & Maas, E. (2017, July). *Speech timing in children with and without speech sound disorders: Acoustic measures of absolute and relative timing accuracy* [Poster presentation]. 7th International Conference on Speech Motor Control, Groningen, the Netherlands.

17. **van Zelst, A.**, & Mitchell, L. (2015, November). *Building spunk and grit: Promoting resilience and success in CAS treatment* [Poster presentation]. American Speech-Language-Hearing Association Convention, Denver, CO, United States.
18. **van Zelst, A.**, & Mitchell, L. (2014, November). *Step off of your island and get into the boat* [Poster presentation]. American Speech-Language-Hearing Association Convention, Orlando, FL, United States.
19. **van Zelst, A.**, Mitchell, L., & Aggarwal, P. (2013, November). *The changing face of childhood apraxia of speech* [Poster presentation]. American Speech-Language-Hearing Association Convention, Chicago, IL, United States.

**Community, professional outreach, and other presentations**

20. **van Zelst, A.**, & Maas, E. (2017, April). *Speech timing as a potential measure for differential diagnosis of speech disorders in children* [Poster presentation]. College of Public Health Research Day, Temple University, Philadelphia, PA, United States.
21. **van Zelst, A.** (2014). *Reading is fundamental in CAS: Making literacy skills fundamental in the treatment of childhood apraxia of speech* [Webinar]. CASANA.
22. **van Zelst, A.**, & Mitchell, L. (2014). *Step off of your island and get into the boat* [Webinar]. CASANA.
23. **van Zelst, A.** (2014, June). *The changing face of childhood apraxia of speech* [Conference presentation]. Communiversity Conference, Temple University, Philadelphia, PA, United States.
24. **van Zelst, A.** (2014, February). *Raise your hand and your voice: Students accessing their education by maximizing their communication* [Presentation]. BUILD Parent Group, Wayne, PA, United States.
25. **van Zelst, A.**, et al. (1997, May). *Discussion of NDT baby treatment approach* [Presentation]. Delaware Valley Developmental Connection, Philadelphia, PA, United States.

## TEACHING EXPERIENCE

**Instructor**

**Florida Atlantic University**

| | |
|---|---|
| *Language Disorders Birth to Four Years* | 2025 |
| *Clinical Phonetics* | 2025-Present |
| FAU & Quality Matters nationally recognized online course | |
| *Normal Processes of Speech and Language Development* | 2025-Present |
| *Disorders of Articulation and Phonology* | 2024-Present |
| *Anatomy and Physiology of Speech, Language, and Hearing* | 2024-Present |
| *Clinical Supervision, FAU Communication Disorders Clinic* | 2024-Present |

**University of Delaware Instructor of Record**

| | |
|---|---|
| *Speech Science and Articulatory Phonetics* | 2022 |

**Temple University Instructor of Record**

| | |
|---|---|
| *Communication Deviations and Disorders* | 2017 |

**Apraxia Kids Instructor**

| | |
|---|---|
| *Intensive Training Institute School-based SLPs* | 2017, 2016 |

**Misericordia University Adjunct Instructor**
*Postgraduate Pediatric Certificate Program for OT, PT, SLP* 2009-2012

**Teaching Assistant**
**Temple University**
*Basic Speech Science* 2016, 2017
*Neuroscience* 2017
*Hearing Science* 2017

**Guest Lectures**
**Florida Atlantic University** 2025
*LEARN Program*
Research Design, speeCH And Time (CHAT) Lab

**University of Delaware**
*Motor Speech Disorders*
Apraxia of speech 2019
Childhood apraxia of speech 2020-2022

*Speech Sound Disorders*
Childhood apraxia of speech: Overview 2020
Childhood apraxia of speech: Assessment 2020

**Temple University**
*Neuroscience*
Principles of Motor Learning 2017
*Basic Speech Science*
Speech motor timing 2017

## CLINICAL EXPERIENCE: SPEECH-LANGUAGE PATHOLOGIST

Upper Darby School District 2018-2019
AVZSpeechWorks, LLC 2015-2017
Garnet Valley School District 2005-2015
Easter Seals of Southeastern PA, Senior SLP 2002-2004
Voorhees Pediatric Rehabilitation Hospital, Senior SLP 1998-2002
Intensive Behavioral Intervention Team 1998
Children's Hospital of Philadelphia/Children's Seashore House 1997-1998
Voorhees Pediatric Facility 1995-1997
Saint Luke's Hospital 1994-1995

## SPECIALIZED TRAINING

| | |
|---|---|
| Association of College and University Educators, Faculty Certification | 2025 |
| University of Pittsburgh, Sleep and Circadian Workshop on Indispensable Methods. | 2026 |
| University of Delaware, EEG/ERP Course | 2022 |
| University of Delaware, MR Level 1 Scanning Technician | 2019 |
| TouchChat Certification Course | 2014 |
| PROMPT Case-Study Project | 2011 |
| CASANA Childhood Apraxia of Speech Intensive Training Institute | 2011 |
| PROMPT Bridging to Intervention | 2011 |
| PROMPT Introduction | 2010 |
| Teaching Verbal Behavior to Children with Autism | 2004 |
| NDT Assessment and Treatment Advanced Course | 2002 |
| NDT 8-Week Course | 2000 |
| Picture Exchange Communication System | 1999 |

## SCHOLARSHIPS

| | |
|---|---|
| *Leopold Schepp Foundation Scholar* | 1992-1994 |

## AWARDS AND HONORS

**Florida Atlantic University**
*Nomination, College of Education, Distinguished Teacher of the Year* 2025

**Florida Atlantic University, Division of Research** 2025
*Art of Science, Research Excellence Award*

**2025 American Speech-Language-Hearing Association Convention** 2025
*Meritorious Poster Award*
*Centennial Award*

**19th Biennial Conference on Motor Speech**
*Student Research Award* 2018

**Apraxia Kids**
*Recognized by Apraxia-Kids for Advanced Training and Clinical Expertise in Childhood Apraxia of Speech* 2012

**American Speech-Language-Hearing Association**
*Award for Continuing Education* 1996, 1999, 2011, 2014, 2017

**Temple University**
*Adele Gerber Award for Clinical Excellence* 1994

## CERTIFICATIONS AND MEMBERSHIPS

| | |
|---|---|
| American Speech-Language-Hearing Association | 1994-Present |
| Certified TouchChat Trainer | 2014 |

| | |
|---|---|
| PROMPT Level II Trained | 2011 |
| Certified Competent Learner Model Coach | 2007 |
| PA Permanent Certificate: Teacher of the Speech-Language Impaired | 2002 |
| NJ Permanent Certificate: Teacher of the Speech-Language Impaired | 1998 |
| FL License: Speech-Language Pathologist | 2024-Present |
| DE License: Speech-Language Pathologist | 2020-Present |
| NJ License: Speech-Language Pathologist | 1998-Present |
| PA License: Speech-Language Pathologist | 1995-Present |
| Vice-President Temple University Chapter NSSLHA | 1992-1994 |

## SERVICE

**Steering Committee** 2025-Present
Florida Atlantic University
College of Education

**Office of Research Development (ORD) Advisory Panel** 2025-Present
Florida Atlantic University
Office of Research Development

**Sabbatical Committee** 2024-2026
Florida Atlantic University
College of Education

**Library Committee** 2024-Present
Florida Atlantic University

**Manuscript Reviewer** 2025
*Clinical Linguistics and Phonetics*
*Florida Atlantic Undergraduate Research Journal (FAURJ)*

**Colloquia Series Founder and Coordinator** 2024-Present
College of Education
Department of Communication Sciences and Disorders

**Speakers' Series Committee** 2021-2022
University of Delaware
College of Health Sciences
Department of Communication Sciences and Disorders
Research Round Table

**Research Day Committee**
University of Delaware

College of Health Sciences Research Day 2022, 2023

**Conference Co-chair** 2017
Once Upon a Time… Foundation
*Treatment of childhood apraxia of speech*
Presented by Dr. Edythe Strand

## STUDENT MENTORSHIP

### Research supervision

**Florida Atlantic University, Graduate Students**
Cristina Cavarretta (MS Thesis, Chair)
Madison Hagee (MS Thesis, Chair)
Veronica Salas-Scholtz (MS Thesis, Chair)
Danielle Scott (MS, Thesis Committee)
Francesca Cocilovo (MS Thesis, Chair)
Allison Dobuler (MS Thesis, Committee)
Juan Alas (Neuroscience Doctoral Lab Rotation, Fall 2025)

**Florida Atlantic University, Undergraduate Students**
Brielle Walter (LEARN Program, Spring and Fall 2026; SURF Program Summer 2026)
Ketchneida Philogene (LEARN Program, Spring 2026)
Madison Plunket (Directed Independent Research, Fall 2026)
Alexandra Gafni
Savana Arnett

### Clinical supervision

**Florida Atlantic University, Graduate Students**
Hannah Braccia
Cristina Cavarretta
Francesca Cocilovo
Hannah Cottell
Allison Dobuler
Madison Hagee
Elizabeth Etienne
Miriam Farraj
Alyssa Fisher
Lauren Ferrara
Savannah Gaudio
Anna Grace Gibson
Ashley Palacio
Carissa Reyes

**University of Delaware, Graduate Students**
Crystal Akul
Natalie Atkinson
Alexandra Block
Allison Lester
Pooja Patel
Roxanne Ramirez
Michelle Yezzo

**University of Delaware, Undergraduate Students**

Lauren Greenspan
Gabriella Martin
Alexandra McSorley
Cornelia Meiss
Jamie Ritondo
Jaimee Ratkoski
Meghan Santarelli
Emily Virok

**Temple University, Undergraduate Students**

Christina Kemper
Stephanie Lenner
Mary Mash
Helen Vradelis