

JULIE CASE, Ph.D, CCC-SLP

Department of Speech-Language-Hearing Sciences
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EDUCATION

Ph.D. 2019 New York University: Communicative Sciences and Disorders
M.A. 2007 New York University: Speech-Language Pathology
M.A. 2004 Central Connecticut State University: Spanish Language, Literature, and Culture
B.A. 2001 Villanova University: Spanish Language & Literature & Elementary Education

EMPLOYMENT

2019 to present: Hofstra University
School of Health Sciences and Human Services
Department of Speech-Language-Hearing Sciences
Assistant Professor

2009 to 2019: New York University
Steinhardt School of Culture, Education, and Human Development
Department of Communicative Sciences and Disorders
Adjunct Instructor 2009-2019
Clinical Supervisor 2016-2018

2007 to 2010: Children's Evaluation and Rehabilitation Center
Albert Einstein College of Medicine
Bilingual Speech-Language Pathologist

SCHOLARSHIP

Peer-Reviewed Publications

Iuzzini-Seigel, J., **Case, J.**, Grigos, M.I., Velleman, S., Thomas, D., & Murray, E. (2023). Dose frequency randomized control trial for Dynamic Temporal and Tactile Cueing (DTTC) treatment for childhood apraxia of speech: Protocol paper. *BMC Pediatrics*, 23(1), 1-14.

Grigos, M.I., **Case, J.**, Lyu, Z., & Lu, Y (2023). Does practice make perfect? Examining factors that contribute to treatment gains in childhood apraxia of speech: *Journal of Speech-Language and Hearing Research*, 1-18.

Case, J., & Hallin, A.E. (2023). The relationship between speech accuracy and linguistic measures in narrative retells of children with speech sound disorders. *Journal of Speech-Language and Hearing Research*, 1-19.

Case, J., Wang, E.W., & Grigos, M.I. (2023). The Multilevel word Accuracy Composite Scale (MACS): A novel measure of speech production in childhood apraxia of speech. *American Journal of Speech-Language Pathology*, 1-18.

Case, J. (2022, May 12). Childhood Apraxia of Speech: Past, Present, and Future. *Hofstra Horizons*. (not peer-reviewed)

- Case, J., & Grigos, M.I.** (2021). Variability in CAS: An investigation of practice effects. *American Journal of Speech-Language Pathology*, 30, 1477-1495.
- Case, J., & Grigos, M.I.** (2020b). A framework of motoric complexity: An investigation in children with typical and impaired speech development. *Journal of Speech Language and Hearing Research*, 63(10), 3326-3348.
- Case, J.** (2020). Advances in research and clinical management of CAS: An introduction. *Perspectives of the ASHA Special Interest Groups*.
- Case, J., & Grigos, M.I.** (2020a). How the study of speech motor control can inform assessment and intervention in CAS. *Perspectives of the ASHA Special Interest Group*, 5(4), 784-793.
- Case, J.** (2019). *Speech Motor Complexity in Childhood Apraxia of Speech*. (Doctoral Dissertation), New York University. New York, NY.
- Case, J., Seyfarth, S., & Levi, S.V.** (2018b). Short-term implicit voice-learning leads to a Familiar Talker Advantage: The role of encoding specificity. *The Journal of the Acoustical Society of America*, 144(6), EL497-EL502.
- Case, J., Seyfarth, S., & Levi, S.V.** (2018a). Does implicit voice learning improve spoken language processing? Implications for clinical practice. *Journal of Speech Language and Hearing Research*, 61(5), 1251-1260.
- Grigos, M., & **Case, J.** (2017). Changes in movement transitions across a practice period in childhood apraxia of speech. *Clinical Linguistics & Phonetics*, 32(7), 661-687.
- ***Case, J., & Grigos, M.** (2016). Articulatory control in childhood apraxia of speech in a novel word learning task. *Journal of Speech Language and Hearing Research*, 59, 1253-1268.
- *Recipient of *Journal of Speech Language and Hearing Research* Speech Editor's Award

Grants/Funding

2023-2025: Once Upon a Time Foundation, Research Funding, "CAS parent/caregiver interview study:

Parent/Caregiver experience in providing DTTC"

Role: Principal Investigator (Multiple PI award with Donna Thomas)

2020-2025: R01DC018581, NIDCD (National Institute of Health), "A randomized control trial of motor-based intervention for childhood apraxia of speech"

Role: Co-Investigator (PI: Maria Grigos)

2022-2024: Once Upon a Time Foundation, Research Funding, "Effects of dose frequency on DTTC treatment outcomes in childhood apraxia of speech: A randomized control trial"

Role: Co-Principal Investigator (Multiple PI award with Jenya Iuzzini-Siegel, Maria I. Grigos, and Shelley Velleman)

2021-2025: Once Upon a Time Foundation, Research Funding, "Effects of caregiver training on DTTC treatment outcomes in childhood apraxia of speech"

Role: Co-Principal Investigator (Multiple PI award with Maria Grigos)

2021: School of Health Professions and Human Services Faculty Research and Development Grant, "A novel measure of speech accuracy"

Awarded to: Julie Case

2016-2017: Childhood Apraxia of Speech Association of North America Doctoral Student Research Grant, "Speech motor complexity in childhood apraxia of speech"

Awarded to: Julie Case

2015: New Century Scholar Doctoral Scholarship, American Speech Language Hearing Foundation

2012-2013: Childhood Apraxia of Speech Association of North America, “Motor learning in children with childhood apraxia of speech”

Role: Co-Investigator

Conference Presentations

Kolenda, N., Wang, E., **Case, J.**, & Grigos, M.I. (2023). Innovating your technique to maximize practice during motor-based intervention for CAS. Oral presentation at the American Speech-Language and Hearing Association Convention, Boston, MA, November 16-18.

Case, J., Aggarwal, P., Caspari, S., & Stoeckel, R. (2022). The ABCDs of Goal Writing for CAS: A Framework for Planning and Developing Motor-Based Goals. Oral presentation at the Apraxia Kids National Conference, Plano, TX, July 6-8.

Grigos, M.I., **Case, J.**, Strand, E.A., Kolenda, N., & Wang, E.W. (2023). Making the Shift to Dynamic, Motor-Based Treatment for CAS. Oral presentation at the Apraxia Kids National Conference, Plano, TX, July 6-8.

Case, J., Aggarwal, P., Caspari, S., & Stoeckel, R. (2023). The ABCDs of Goal Writing for CAS: A Framework for Planning and Developing Motor-Based Goals. Oral presentation at the Apraxia Kids National Conference, Plano, TX, July 6-8.

Murray, E., Velleman, S., **Case, J.**, Grigos, M.I., Iuzzini-Seigel, J., & Thomas, D. (2023). Using Probe Data and Outcome Measures to Assess Treatment Progress for Children with CAS. Oral presentation at the Apraxia Kids National Conference, Plano, TX, July 6-8.

Case, J., & Grigos, M.I. (2022). Tools for Quantifying Treatment Gains in Childhood Apraxia of Speech: A Review of Existing and Novel Measures. Oral presentation at the American Speech-Language and Hearing Association Convention, New Orleans, LA, November 17-20.

Case, J., Aggarwal, P., Caspari, S., & Stoeckel, R. (2022). Transforming goal writing for motor-based intervention in CAS. Oral presentation at the American Speech-Language and Hearing Association Convention, New Orleans, LA, November 17-20.

Grigos, M.I., **Case, J.**, Strand, E.A., Kolenda, N., & Wang, E.W. (2022). Clinical decision-making in CAS: Making the shift to dynamic treatment. Oral presentation at the American Speech-Language and Hearing Association Convention, New Orleans, LA, November 17-20.

Case, J., & Grigos, M.I. (2022). Clinical Ratings in CAS: Approaches to Measuring and Quantifying Treatment Gains. Talk presented at the Apraxia Kids National Conference, Las Vegas, NV, July 7-9.

Grigos, M.I., Case, J., & Lu, Y. (2022). Does Practice Make Perfect? An analysis of individual factors that contribute to treatment gains in CAS. Oral presentation presented at the Apraxia Kids Research Symposium, Las Vegas, NV, July 7-9.

Case, J., & Hallin, A.E. (2022). Language abilities in children with CAS: An investigation of the relationship between morphosyntax and speech production. Oral presentation at the Apraxia Kids Research Symposium, Las Vegas, NV, July 7-9.

Case, J., Wang, E.W., & Grigos, M.I., (2022). The Multi-Component Rating Scale: A novel measure for capturing motor-based deficits. Poster presented at the Motor Speech Conference, Charleston, SC, February 16-20.

Case, J., & Hallin, A.E. (2022). Phonetic complexity in narratives of children with CAS. Oral presentation at the Motor Speech Conference, Charleston, SC, February 16-20.

Case, J., Hallin, A.E., & Sullivan, K (2021). The relationship between speech production accuracy, morphosyntax and mazes in children with speech sound disorders. Poster presented at the American Speech-Language and Hearing Association Convention, Washington, D.C., November 17-20.

Case, J., Wang, E., Kolenda, N., Nealon, K., & Grigos, M.I., (2021). A novel approach to rating speech errors in Childhood Apraxia of Speech (CAS). Poster presented at the American Speech-Language and Hearing Association Convention, Washington, D.C., November 17-20.

Case, J., Kopera, H., & Grigos, M.I. (2021). How can research guide clinical practice in CAS? Talk presented at the Apraxia National Conference, July 8-10.

Case, J., & Hallin, A.E. (2021). Morphosyntax and speech production in narratives of children with speech sound disorders. Poster presented at the Symposium on Research in Child Language Disorders, June 3-4.

Case, J., Wang, E., Kolenda, N., Nealon, K., & Grigos, M.I., (2020). A novel approach to rating speech errors in children with CAS. Proposal accepted at the American Speech-Language and Hearing Association Convention, San Diego, CA, November 19-21 (convention canceled).*

**Meritorious Poster Submission*

Case, J., Kopera, H., & Grigos, M.I. (2020). How can research guide clinical practice in CAS? Talk accepted at the Apraxia Kids Research Symposium and National Conference, Plano, TX, July 2020 (convention postponed).

Grigos, M.I., **Case, J.,** & Strand, E. (2020). The efficacy of dynamic temporal and tactile cueing in children with severe CAS. Talk accepted at the Apraxia Kids Research Symposium and National Conference, Plano, TX, July 2020 (convention postponed).

Grigos, M.I., **Case, J.,** & Strand, E. (2020). Changes in speech motor control with DTTC treatment in young children with CAS. Poster presentation at the Motor Speech Conference, Santa Barbara, CA, February 20-23.

Case, J. & Grigos, M.I. (2020). Variability in CAS: An investigation of practice effects. Oral presentation at the Motor Speech Conference, Santa Barbara, CA, February 20-23.

Case, J., & Grigos, M.I. (2019). How does practice impact variability in children with and without speech impairment. Poster presented at the American Speech-Language and Hearing Association Convention, Orlando, FL, November 20-23.

Case, J., & Grigos, M.I. (2018). How consonant-vowel sequences impact speech motor control in children with CAS. Poster presented at the American Speech-Language and Hearing Association Convention, Boston, MA, November 14-17.

Grigos, M.I., **Case, J.,** & Strand, E. (2018). A multifaceted analysis of treatment gains in children with CAS. Flash session presented at the American Speech-Language and Hearing Association Convention, Boston, MA, November 14-17.

Case, J., & Grigos, M.I. (2018). Motoric complexity in children with CAS. Pre-conference talk session presented at the Apraxia Kids Annual Convention, Charlotte, NC, July 12-14.

Case, J., & Grigos, M.I. (2018). Moving across vowels. Oral presentation at the Apraxia Kids Annual Convention, Charlotte, NC, July 12-14.

Case, J., & Grigos, M.I. (2018). Speech motor control in children with apraxia in a task of motoric complexity. Poster presented at the Motor Speech Conference, Savannah, GA, February 21-24.

- Case, J., & Grigos, M.I.** (2017). Speech motor control in a task of motoric complexity for children with CAS. Flash session presented at the American Speech-Language and Hearing Association Convention, Los Angeles, CA, November 8-11.
- Case, J., & Levi, S.V.** (2017). Does implicit voice learning lead to the familiar talker advantage? Poster presented at the Symposium on Research in Child Language Disorders, Madison, WI, June 8-10.
- Case, J., Lee, S., & Levi, S.V.** (2016). The familiar talker advantage in an implicit voice learning task. Poster presented at the American Speech-Language and Hearing Association Convention, Philadelphia, PA, November 17-19.
- Case, J., & Grigos, M.I.** (2016). The influence of practice on speech motor control in childhood apraxia of speech. Poster presented at the Motor Speech Conference, Newport Beach, CA, March 3-March 6.
- Elias, P., Grigos, M.I., & **Case, J.** (2015). The influence of practice on speech production accuracy in childhood apraxia of speech. Poster presented at the American Speech-Language and Hearing Association Convention, Denver, CO. November 12-14.
- Grigos, M.I., & **Case, J.** (2015). Diagnosing CAS: What clinicians & researchers can learn from each other. Talk presented at the American Speech-Language and Hearing Association Convention, Denver, CO, November 12-14.
- Perry, L., Grigos, M.I., & **Case, J.** (2014). How do speech sampling methods influence speech output in Childhood Apraxia of Speech? Poster presented at the American Speech-Language and Hearing Association Convention, Orlando, FL, November 20-22.
- Grigos, M.I., & **Case, J.** (2014). Changes in speech motor control as children with CAS learn novel words. Talk presented at the Motor Speech Conference, Sarasota Springs, FL, February 28-March 1.
- Case, J., & Grigos, M.I.** (2013). Novel word learning in children with CAS: Changes in speech motor control. Technical talk presented at the American Speech-Language and Hearing Association Convention, Chicago, IL, November 14-16.
- Case, J., & Grigos, M.I.** (2013). Making the diagnosis of CAS: Bridging research with clinical practice. Talk presented at Childhood Apraxia of Speech Association of North America, Denver, CO, July 11-13.
- Grigos, M.I., & **Case, J.** (2013). How children with CAS learn new words: Evidence from speech motor control research. Talk presented at Childhood Apraxia of Speech Association of North America, Denver, CO, July 11-13.
- Case, J.** (2013). Speech Consistency in Childhood Apraxia of Speech. Talk presented at the New York University Scholarship Day, New York, NY, April 17.
- Case, J., Moss, A., & Grigos, M.I.** (2012). Measuring Error Consistency in Childhood Apraxia of Speech. Poster presented at the American Speech-Language and Hearing Association Convention, Atlanta, GA, November 14-17.
- Grigos, M.I., **Case, J., & Elias, P.** (2012). Movement patterns associated with speech errors in CAS. Technical talk presented at the American Speech-Language and Hearing Association Convention, Atlanta, GA, November 14-17.
- Case, J. & Grigos, M. I.** (2008). Lip and Jaw Kinematics in Early vs. Late Spanish-English Bilinguals. Poster presented at the Motor Speech Conference, Monterey, CA, March 6-9.
- Case, J. & Grigos, M.I.** (2007). Articulator Movement of Spanish-English Bilinguals in the Production of /p/. Poster presented at the American Speech-Language and Hearing Association Convention, Boston, MA, November 15-17.

Invited Talks

- Baylor, C., & Case, J. (2023). Using communicative participation goals to ignite speech-language pathology care in motor speech disorders. Invited master class at the American Speech-Language and Hearing Association Convention, Boston, MA, November 16-18.
- Rowe, H., & Case, J. (2023). Innovate your clinical practice: How perceptual, acoustic, and kinematic measures collectively inform assessment and treatment. Invited oral presentation at the American Speech-Language and Hearing Association Convention, Boston, MA, November 16-18.
- Gildersleeve-Neumann, C., Velleman, S., **Case, J.**, & Wong, E. (2023). Childhood apraxia of speech in children whose first language is not english: A deep dive into case studies. Invited oral presentation at the Apraxia Kids National Conference, Plano, TX. July 6.
- Case, J.** (2023). Language abilities in children with speech sound disorders: The relationship between linguistic performance and speech production. Invited oral presentation at the Linköping University Research Colloquium, Linköping, Sweden. April 24.
- Case, J.** (2022). Motor-based intervention for Childhood Apraxia of Speech: Dynamic Temporal Tactile Cueing. Invited oral presentation at the New York State Speech-Language and Hearing Association Conference, April 28.
- Case, J.** (2022). Clinical management in Childhood Apraxia of Speech: Evidence-based approaches to assessment and treatment. Invited oral presentation at the Speech-Language and Hearing Association of Virginia State Conference, March 17.
- Case, J.** (2022). Differential Diagnosis of Childhood Apraxia of Speech and Phonology in Pre-School and School-Aged Children. Invited oral presentation at the Illinois State Speech-Language and Hearing Association Virtual Convention, March 11-April 8.
- Case, J.** (2022). Clinical decision-making in the assessment and treatment of Childhood Apraxia of Speech. Invited oral presentation at Hofstra University, Hempstead, NY, January 27.
- Strand, E.A., **Case, J.**, & Grigos, M.I. (2021). Elevating your clinical skills using Dynamic Temporal and Tactile Cueing (DTTC). Invited oral presentation at the American Speech-Language and Hearing Association Convention, Washington, D.C, November 17-20.
- Gildersleeve-Neumann, C., **Case, J.**, & Hill, P. (2021). Bilingual Perspectives. Panelist at Apraxia Kids National Conference, July 8 – 10.
- Case, J.** (2021). Targeting motor-based deficits in Childhood Apraxia of Speech: Dynamic Temporal and Tactile Cueing. Invited talk at the Primer Congreso Internacional de Trastornos del Habla, Fonolatin Advantage Series. Nuevo León, Mexico. April 29-May 1.
- Case, J.** (2021). Principles of Dynamic Assessment and Motor-Based Assessment for Childhood Apraxia of Speech. Invited talk at the Primer Congreso Internacional de Trastornos del Habla, Fonolatin Advantage Series. Nuevo León, Mexico. April 29-May 1.
- Case, J.** (2021). Childhood Apraxia of Speech: A Multidimensional Analysis of Variability. Invited talk at Montclair University, Montclair, NJ, March 30.
- Strand, E., **Case, J.**, & Grigos, M.I. (2020). Discovering the details of Dynamic Temporal and Tactile Cueing (DTTC). Invited oral presentation at the American Speech-Language and Hearing Association Convention, San Diego, CA, November 19-21 (convention canceled).

Case, J. (2020). Dynamic clinical intervention in toddlers with CAS: What we know and where we need to grow. Invited oral presentation at the Apraxia Kids Research Symposium and National Conference, Plano, TX, July 2020 (convention postponed).

Preston, J., & **Case, J.** (2018). Current perspectives on assessment and treatment of childhood apraxia of speech. Talk presented at the Haskins Training Institute, New Haven, CT, March 16.

Clinical Courses

Case, J. (2023). Clinical thinking in the diagnosis and management of CAS. Clinical course presented for the Once Upon a Time Foundation and Rush University, Chicago, IL, October 13-14.

Iuzzini-Seigel, J., & **Case, J.** (2023). Implementing DTTC: Target selection and progress monitoring. Clinical webinar provided for SpeechPathology.com, October 12.

Case, J., & Iuzzini-Seigel, J. (2023). Introduction to Dynamic Temporal and Tactile Cueing for children with CAS. Clinical webinar provided for SpeechPathology.com, October 5.

Strand, E.A., & **Case, J.** (2023). La evaluación y tratamiento de la apraxia infantil del habla (The evaluation and treatment of childhood apraxia of speech). Clinical course presented in Spanish for Habla Fácil Capacitación, Santiago, Chile, September 27-29.

Case, J. (2023). Childhood Apraxia of Speech: Foundational Knowledge and Clinical Application. Invited course at Bridging Talents. Singapore. March 21-22.

Editorial Positions

Guest Handling Editor

American Journal of Speech-Language Pathology - Speech

Guest Associate Editor

Perspectives of the ASHA Special Interest Group 2: Special Forum in Childhood Apraxia of Speech: “Advances in research and clinical management of CAS”

Editorial Board Member (2020-present)

American Journal of Speech-Language Pathology – Speech

Ad Hoc Reviewer

American Journal of Speech-Language Pathology

Journal of Speech-Language and Hearing Research

Journal of Communication Disorders

Clinical Linguistics & Phonetics

Journal of the Acoustical Society of America

Journal of Phonetics

Folia Phoniatria et Logopaedica

International Journal of Speech-Language Pathology

Research honors and recognition

2023: Award for Early Career Contributions in Research, American Speech-Language-Hearing Association

2022: Award for Continuing Education (ACE), American Speech-Language-Hearing Association

2021: Stessin Award (nominee), Hofstra University

2020: Meritorious Poster Submission, American Speech-Language-Hearing Association Convention

2020: Award for Continuing Education (ACE), American Speech-Language-Hearing Association

2019: Best Dissertation Award (nominee), New York University

2016: Editor's Award, *Journal of Speech Language and Hearing Research Speech*, Case & Grigos (2016)

2016: American Speech-Language Hearing Association Pathways Program (Mentor: Jonathan Preston)

TEACHING

Hofstra University

Graduate Courses

Evaluation and Interpretation of Communication Disorders

Developed as a Distance Learning course

Speech Sound Disorders

Master's Essay

Redeveloped course and Master's Thesis Option

Undergraduate Courses

Introduction to Communication Disorders

Normal Language Development

Phonetics

Student Mentorship

Szczupakiewicz, Estie: *Speech intelligibility and articulatory rate in speech sound disorders*. Master's Thesis.

Lovishuk, Gabriela: *Reliability of a novel measure of speech accuracy in childhood apraxia of speech across clinical trainees*. Honor's College Research Project.

Brown, Abigail & Berkowicz, Lacie: *Differing measures of phonetic complexity and implications for children with speech sound disorders*. Graduate Student Research Project.

Morgan, Emily & Devil, Tyesha. *Acoustic and perceptual changes in speech production over the course of motor-based intervention*. Undergraduate Student Research Project.

New York University

Graduate Course

Neurogenic Speech Sound Disorders in Children

Undergraduate Courses

Clinical Methods in Communicative Sciences and Disorders

Methods and Materials in Communicative Sciences and Disorders

Diagnostic Methods in Communicative Sciences and Disorders

Introduction to Articulation Disorders

Teaching Reading and Writing to Children with Language Disorders

Clinical Supervision

New York University Child Study Center

Children's Evaluation and Rehabilitation Center, Albert Einstein College of Medicine

Clinical Education

Apraxia Kids Journal Club & Intensive Training Instructor (2020-2021)

SERVICE

Service to Hofstra University

Honor Board Member (Fall 2022-present)
Undergraduate Admissions Virtual Mock Class, “Mouth Matters” (Fall 2020; Fall 2022)
Covid Risk Management Task Force, Committee member (AY 2019-2020; AY 2020-2021)
Prospective Student Open House (Spring 2020, 2021, 2022, 2023)
Graduate Student Open House (Spring 2020, 2021)
Freshman Advising Event (Fall 2019)

Service to the School of Health Professions and Human Services, Hofstra University

HPHS Dean’s Search, Committee Member (AY 2022-2023)
Diversity, Equity and Inclusion Committee (September 2021-present)
Curriculum and Standards Committee (September 2022-present)
IPE Discussion Facilitator (April 2021, 2022, 2023)

Service to the Speech-Language-Hearing Sciences Department

SLHS Search Committee Chair (AY 2023-2024)
National Student Speech-Language-Hearing Association, Temporary Advisor (AY 2023-2024)
Interim Department Chair (Summer 2023)
Diversity, Equity and Inclusion Committee, Chair (September 2021-present)
Distance Learning Committee, Chair (December 2020-May 2022)
Graduate Curriculum Committee (Fall 2020-present)
Graduate Admissions Committee (Fall 2019-present)
Undergraduate Research Day, Co-chair (Spring 2021)
Undergraduate Awards, Ad hoc committee member (2020)

Service to the Profession

ASHA Conference Planning

Program Committee Member, ASHA Annual Convention, Seattle, WA., December 2024
Program Committee Member, ASHA Annual Convention, Boston, MA., November 2023
Program Committee Member, ASHA Annual Convention, Washington, D.C., November 2021
Program Committee Member, ASHA Annual Convention, San Diego, CA, November 2020

Motor Speech Conference Planning

Conference Scientific Review Committee, Biannual Motor Speech Conference, San Diego, CA, February 2024
Conference Scientific Review Committee, Biannual Motor Speech Conference, Charleston, S.C., February 2022

Apraxia Kids

Apraxia Kids Professional Advisory Council (2023)
Apraxia Kids Intensive Training Institute, Applicant Review (2023)
Research Grant Reviewer (2020)