

MATTHEW L. COHEN
Curriculum Vitae

Contact Information

Department of Communication Sciences and Disorders
University of Delaware STAR Tower
100 Discovery Blvd; Newark, DE 19713

Phone: 302-831-7071 (office)
Email: mlcohen@udel.edu

ORCID: <https://orcid.org/0000-0001-9609-2461>

Clinical Psychology Licenses #B1-0011326 (Delaware)
Teletherapy #11319 (PSY-PACT; MD, PA, NJ, etc.)

Positions

- 2022- **Director of Neuropsychology**, Delaware Center for Cognitive Aging Research, University of Delaware
- 2022- **Associate Professor with tenure**, Department of Communication Sciences and Disorders, University of Delaware
- 2016- **Assistant Professor**, Department of Communication Sciences and Disorders, University of Delaware
 Affiliated faculty, Department of Psychological and Brain Sciences, University of Delaware
 Affiliated faculty, Center for Health Assessment Research & Translation, University of Delaware

Education

- 2015- **Postdoctoral Fellowship in Rehabilitation Outcomes Assessment and Applied Psychometrics**
2016 *Center for Health Assessment Research and Translation; University of Delaware; Newark, DE*
 Primary mentors: David Tulskey, Ph.D., Jim Holdnack, Ph.D.
- 2013- **Postdoctoral Residency in Clinical Neuropsychology**
2015 *Department of Psychiatry & Behavioral Sciences, The Johns Hopkins University School of Medicine; Baltimore, MD*
 Primary mentor: Jason Brandt, Ph.D., ABPP-CN
- 2013 **Ph.D., Clinical Psychology, Neuropsychology Track**
 University of Florida; Gainesville, FL
 Dissertation: "Exogenously and Endogenously Evoked Behavior in Aging and Parkinson's Disease."
 Dissertation chairs: Kenneth Heilman, M.D., FAAN, Catherine Price, Ph.D., ABPP-CN
- 2013 **Pre-doctoral Internship, VA Maryland Health Care System, Neuropsychology Track**
 Baltimore VA Medical Center; Baltimore, MD
 Training Director: Anjeli Inscore, Psy.D., ABPP-CN
- 2009 **M.S., Clinical Psychology, Neuropsychology Track**
 University of Florida; Gainesville, FL
 Thesis: "Functional Connectivity and Dedifferentiation in Older Adults During Language Production."
 Thesis chair: Bruce Crosson, Ph.D., ABPP-CN.
- 2007 **B.A., Psychology, Magna Cum Laude, Honors Degree with Distinction**
 University of Delaware; Newark, DE
 Major: Psychology Minors: Biology, Spanish

Awards and Honors

2024 University of Delaware Faculty Award for Excellence in Scholarly Community Engagement
2011 APA Benton-Meier Award for research in neuropsychology; recognition in *The Monitor on Psychology*, 42(11)

Research Support

Active

Delaware Community Foundation (MPI: Martens, Cohen, Lanzi, Johnson)

Expanding our Partnership: Steps Towards a Cure

Project goals: Expand the Delaware Longitudinal Study for Alzheimer's Prevention; establish four impact projects to generate new biomarkers and therapeutic strategies for Alzheimer's disease and fund the purchase of a 3T MRI Scanner on the University of Delaware's STAR Campus.

Role: MPI

Total direct costs: \$11,442,219

07/01/2025 – 06/30/2030

Unidel Foundation, Inc. (MPI: Martens; Morton)

Expanding Neurologic Health Research in Southern Delaware

Project goals: To build multidisciplinary infrastructure, foster collaboration, and create networking opportunities in southern Delaware that could support southern Delawareans participating in and benefiting from neurologic health research at UD.

Role: Co-I

Total direct costs: \$984,880

01/01/2025 - 06/30/2029

Delaware Bioscience Center for Advanced Technology (PI: Jeka).

Investigating the Use of Transcranial Photobiomodulation (tPBM) for the Treatment of Parkinson's Disease

Project goals: To assess whether tPBM delivered to the frontal cortex improves mobility, cognition and mental health in patients with PD.

Role: Co-I

Total direct costs: \$150,000

07/01/25 – 06/30/26

NIH/NIA R01 (MPI: Martens and Johnson)

Longitudinal Impact of Midlife Cerebrovascular Pulsatility on Brain Tissue Integrity and Cognitive Aging

Project goals: to determine the underlying mechanisms linking midlife vascular risk factors with the early loss of brain tissue structure and function. Ultimately, this project will identify the earliest underlying mechanisms by which vascular aging contributes to the loss of brain tissue integrity and cognitive performance leading to new targets for interventions aimed at preventing age-related cognitive impairment.

Role: Co-I

Total direct costs: \$2,440,014.

04/01/2025 – 03/31/2030

National Institute on Aging | 1RF1AG083823-01

DementiaBank: An Open Access Language Database to Understand the Progression of Dementia (PIs: Lanzi and MacWhinney)

Project goals: We propose the expansion and development of the open-access DementiaBank database of multimedia interactions for the study of cognitive-communication impairments in aging and Alzheimer's disease and related dementias. This work will rely on advances in data collection, transcription, analysis, sharing, and web delivery achieved in the context of the overall TalkBank Project. We will deploy and extend the growing assets of TalkBank and DementiaBank to answer critical questions regarding the diagnosis, classification, and longitudinal tracking of language in dementia.

Role: Co-I

Total Direct Costs: \$3,673,050

Project Period: 09/01/2023 - 08/30/2028

NIH 1R01AG071585-01A1

Pain and Motor Learning in Older Adults (PI: Morton)

Project Goals: To determine the effects of age, pain, and cognitive abilities on motor learning in physical therapy contexts.

Role: Co-Investigator

Total Direct Costs: \$2,165,705

Matthew L. Cohen, Ph.D.

02/01/2022 – 01/01/2027

NIH/NICHD – National Center for Medical Rehabilitation Research 2R01HD078330-05 (PI: Reisman)

Behavioral and Neurophysiologic Process of Locomotor Learning After Stroke

Project goals: to determine whether stroke survivors re-learn to walk via implicit or explicit learning mechanisms, and whether cognitive abilities mediate this learning.

Role: Co-Investigator

Total direct costs: \$1,953,317

4/1/20 – 3/31/25 (no cost extension until 3/31/26)

Completed

Delaware Community Foundation

Neural Mechanisms of Alzheimer's Disease Risk and Onset from Modifiable Lifestyle Factors (PIs: Martens and Johnson)

Project aims: This is an ancillary study to the Delaware Longitudinal Study for Alzheimer's Prevention (DeLSAP). DeLSAP participants will be invited to complete genetic testing, blood-based biomarkers for Alzheimer's disease, and a neuroimaging battery.

Role: Co-I

Total Direct Costs: \$575,000

07/01/2024 – 06/30/2025

NIH/NIDCD R01-DC008524 (Alzheimer's Supplement)

DementiaBank: A Supplement to AphasiaBank (PI: Lanzi)

Project goals: to refine and finalize the protocol of language and cognitive measures that are used for other populations to be more applicable to MCI and dementia from Alzheimer's disease; to establish and train a consortium of clinical practitioners to identify and document the diagnostic criteria for each subtype, and to administer the language and cognitive protocol

Role: Co-Investigator (0.24 PM).

Total Direct Costs: \$130,000

6/1/21 – 5/31/23 (No cost extension until 5/31/24)

NIH/NIA Alzheimer's Supplement to 2R01DC008524-16 (PI: MacWhinney)

Open Access Spoken Language Data for Understanding Dementia

Project goals: to expand the DementiaBank corpus; to use and refine the automatic speech recognition pipeline to create high quality transcripts from people with dementia for lexical, discourse, grammatical, phonological, and fluency analysis. We will use this new data to refine the methods for detection and progression tracking of dementia.

Role: Co-I.

Total direct costs: \$250,000

04/01/2023 – 03/31/2024

Howard W. Swank, Alma K. Swank, & Richard Kemper Swank Foundation.

Delaware Center for Cognitive Aging Research

Project goals: to establish the Delaware Longitudinal Study for Alzheimer's Prevention (DeLSAP); to establish the Brain Wellness Information, Support, and Empowerment (Brain-WISE) program.

Role: Co-I

Total Direct Costs: \$250,000

04/01/2023 - 12/31/2024

NIH/NIA R01AG058853

Mechanical integrity of memory systems in mild cognitive impairment (PI: Johnson)

Project goals: to determine how the mechanical integrity of memory systems is affected by aging and mild cognitive impairment (MCI); to determine mechanical correlates of functional memory impairment in aging and MCI; to determine how the structure and function of memory systems are modified by aerobic fitness and exercise training.

Role: Co-Investigator.

Total direct costs: \$2,339,500

7/15/18 – 3/31/23 (No Cost Extension until 3/31/24)

NIH/NIGMS U54-GM104941 Alzheimer's Supplement

Motor Learning in Mild Cognitive Impairment (PI: Morton)

Project goals: to learn about the contributions of specific cognitive skills to motor learning in the context of mild cognitive impairment from Alzheimer's Disease.

Role: Co-Investigator (0.96 academic PM)

Total Direct Costs: \$250,000

7/1/21 – 6/30/22 (No Cost Extension until 6/30/23)

Gordon and Betty Moore Foundation | Patient and Family Engagement Early-Career Investigator Award (PI: Cohen)

#GBMF 5299

Patient- and Family-Centered Interpretation of Outcome Measures for Adults with Neurogenic Communication Disorders

Project goals: To use community-based participatory research methods, as well as traditional psychometric methods, to determine clinical cut points for a battery of patient reported outcome measures for adults with neurogenic communication disorders. This will make the measures clinically interpretable and actionable for this population.

Role: PI

Total Direct Costs: \$450,000

12/01/17- 2/28/23

NIH/NINR 3R01NR018684-02S1 (Alzheimer's supplement)

Measuring Symptom Clusters in People with Sudden-Onset Disabilities (PI: Tulsy)

Project Goals: The work proposed with this administrative supplement is needed to evaluate the generalizability of the symptom clusters identified in parent grant Aim 1 to a population with mild cognitive impairment (MCI) from early-stage Alzheimer's disease (AD).

Additionally, this will allow us to develop resources and collect pilot data to support an application for funding to study symptom clusters in MCI and dementia from AD.

Role: Co-Investigator

Total Direct Costs: \$398,720

Date: 7/22/20 – 6/30/22

NIH/NIGMS U54-GM104941 (PI: Hicks)

Delaware Center for Translational Research | Pilot Grant

Stakeholder Determination of Patient-Reported Outcomes from Speech-Language Therapy

Project goals: To define and prioritize patient-reported outcomes that are important to speech-language therapy stakeholders: clients, their significant others, and speech language pathologists. These data will inform an R01 application to the NIDCD to create new patient-reported outcomes measures specific to speech-language therapy.

Role: Project PI

Total Direct Costs: \$80,000

12/1/19-3/31/21

NIH/NIGMS U54-GM104941 (PI: Hicks)

Delaware Center for Translational Research | Shovel-Ready Pilot Grant

Enhancing the Interpretability of PROMIS Measures for Adults with Language Disorders

Project goals: To collect pilot/feasibility data to support an R21 application to the NIDCD. The R21 proposal is to improve PROMIS measures for adults with language disorders.

Role: Project PI

Total Direct Costs: \$19,993

6/1/18-12/31/18

Craig H. Neilsen Foundation (Cohen)

#364962

Mentored Fellowship Grant: *Improving the Assessment of Psychological Complications After Spinal Cord Injury*

Project goals: To improve neuropsychological assessment techniques and the use of patient reported outcome measures for individuals with spinal cord injury, particularly those with concomitant traumatic brain injury.

Role: PI

Mentors: David Tulsy, Ph.D., Allen Heinemann, Ph.D., Steven Kirschblum, M.D., Claire Kalpakjian, Ph.D., Trevor Dyson-Hudson, M.D.

Department of Education (Heinemann)

H133B090024

RRTC on Improving Measurement of Medical Rehabilitation Outcomes

Project Goals: To develop and evaluate rehabilitation outcome measures and measures of health-related quality of life for persons with stroke, traumatic brain injury or spinal cord injury.

Role: Co-Investigator

Matthew L. Cohen, Ph.D.

National Institute on Aging (Marsiske)

T32 AG020499M

Physical, Cognitive and Mental Health in Social Context

Project Goals: To train pre-doctoral and post-doctoral researchers from multiple disciplines in the behavioral theories, methodologies and analyses needed to address questions of health, independence and functioning in older adults.

Role: Pre-doctoral trainee

Mentorship Roles on Training Grants and Student Awards

American Speech-Language-Hearing Foundation

New Century Scholars Doctoral Scholarship

(Trainee: Faith Stagge, M.A, CCC-SLP – DOCTORAL STUDENT)

Role: Primary advisor

2025

NIH/F31

Understanding linguistic differences in mild cognitive impairment: The importance of language context and psychosocial functioning

(Trainee: Saylor – DOCTORAL STUDENT)

Project goals: To support the doctoral training of Anna Saylor, MA, CCC-SLP; to study how the language usage (i.e., semantic richness) of people with MCI varies with language context and level of psychosocial functioning.

Role: Co-Sponsor

02/13/26 – 02/15/28

NIH/NIDCD 5F31DC020362-02

Validation of a Novel Vocal Demand Task for Measuring Vocal Fatigue (Trainee: Apfelbach – DOCTORAL STUDENT)

Project goals: to provide doctoral training for Christopher Apfelbach, MA, CCC-SLP; to validate the novel FIT-V device and protocol.

Role: Other Significant Contributor (Primary Sponsor: Dr. Katherine Verdolini Abbott)

04/01/21 – 03/31/24

American Heart Association – Postdoctoral Fellowship

The Heart and Brain Connection in Chronic Kidney Disease (Trainee: Ninette Shenouda, Ph.D – POSTDOC)

Project goals: To understand the cognitive consequences of chronic kidney disease.

Role: Co-Mentor (Primary Mentor: Dave Edwards, Ph.D.)

4/1/21-3/31/23

National Institute on Aging | Mentored Patient-Oriented Research Career Development Award

NIH/NIA 1K23AG070185-01

Promoting Independence with Compensatory Cognitive Rehabilitation: A Pilot Clinical Trial for Early-Stage Alzheimer's Disease (PI: Lanzi - FACULTY).

Project Goals: to provide Dr. Lanzi with training and research experience in the design and execution of a randomized controlled trial of a behavioral intervention for Alzheimer's disease.

Role: Co-Primary Mentor (with Dr. Katherine Verdolini Abbott)

Total direct costs: \$805,764

2/15/21 – 1/31/26

NIH/NINDS F31 NS111806-01A1

Factors Impacting Locomotor Learning Following Stroke (Trainee: French – DOCTORAL STUDENT)

Project goals: To provide doctoral training for Margaret French, DPT; to determine the relationship between cognition and locomotor learning after stroke.

Role: Co-sponsor (Primary sponsor: Darcy Reisman, Ph.D.)

09/01/19 – 11/30/20

Peer-Reviewed Publications (*denotes trainee)

1. Martens, C.R., Decker, K.P., DeConne, T.M., Sanjana, F., Horvat, F., Rizzi, N., Habash, R., Hobson, J.C., Kramer, M.K., Armstrong, M.L., Reisdorph, N., Pohlig, R.T., Lanzi, A.M., Johnson, C.L., **Cohen, M.L.**, & Ellison, J.M. (In Press). A

- Phase-II Randomized Controlled Pilot Study of Nicotinamide Riboside Supplementation in Older Adults with Amnesic Mild Cognitive Impairment. *Alzheimer's & Dementia*.
2. Decker, K.P.* , Rizzi, N.A.* , Rigas, Z.* , Awad, C. , Habash, E.M.* , Kramer, M.K.* , Cerjanic, A.M. , **Cohen, M.L.** , Johnson, C.L. , Martens, C.R. (In Press). The Influence of Blood Lipids on Cerebral Perfusion by Apolipoprotein E Status. *Journal of Lipid Research*.
 3. Manzoor, S.* , **Cohen, M.L.** , Morton, S.M. , Pohlig, R.T. , Thompson, E.D. , Wright, H. , Wright, T. , Reisman, D.S. (In Press). Visuospatial Working Memory Predicts Strategic Gait Correction and Improvement in Accuracy with Visual Feedback after Stroke. *Neurorehabilitation and Neural Repair*.
 4. **Cohen, M.L.** , Lanzi, A.M. , Rothbart, A. , Keatley, E. , Seagly, K. , Strong, K. , Paul, D. , & Sohlberg, M.M. (In Press). Promoting Brain Health in the Context of Normal Aging and Mild Cognitive Impairment: A Tutorial. *American Journal of Speech-Language Pathology*
 5. **Cohen, M.L.** , Boulton, A.J. , Tyner, C.E. , Slotkin, J. , Weintraub, S. , Gershon, R.C. , Dodge, H.H. , Tulsy, D.S. (2025). Cross-domain latent profiles of MCI and dementia are most differentiated by social and emotional functioning. *Journal of the International Neuropsychological Society*, 31(5-6), 373-383. <https://doi.org/10.1017/S1355617725101276>
 6. **Cohen, M.L.** , Van Buren, K. , Myers, M. , Ellison, J.M. , Martens, C.R. , Lanzi, A.M. (2025). A Non-Randomized Pilot Trial of Brain-WISE: A Group-Based Program for Brain Health and Dementia Risk Reduction in Community Settings. *Journal of Geriatric Psychiatry and Neurology*, 38(6), 430-443. Doi: 10.1177/08919887251339591.
 7. Tyner, C.E. , Kisala, P.A. , Slotkin, J. , **Cohen, M.L.** , Cancio, J.M. , Pruziner, A.L. , Dearth, C.L. , Tulsy, D.S. (2025). Health-related quality of life after major extremity trauma: Grounded-theory-based qualitative research with military service members and clinicians to inform measurement of patient-reported outcomes. *Quality of Life Research*, 34, 3351-3364. doi.org/10.1007/s11136-025-03915-0
 8. Rizzi, N.A.* , Kramer, M.K.* , Deconne, T.M.* , Ellison, J.M. , Lanzi, A.M. , Overstreet, M. , Edwards, D. , **Cohen, M.L.** , Johnson, C.L. , Martens, C.R. (2025). Absolute Substrate Oxidation Rates are Lower in Older Adults With Amnesic Mild Cognitive Impairment. *Physiological Reports*, 13(7). doi: 10.14814/phy2.70326
 9. Stagge, F.* , **Cohen, M.L.** , Johnson, A.L. , & Lanzi, A.M. (2025). SLPs' use of patient-reported outcome measures for adult patients with cognitive-communication disorders: A Survey study. *American Journal of Speech-Language Pathology*, 34(2), 798-817. https://doi.org/10.1044/2024_AJSLP-24-00285.
 10. Desjardins, M.* , Jomphe, V. , Lagadec-Gaulin, L. , **Cohen, M.L.** , Verdolini Abbott, K. (2024). Influence of sensory monitoring on speech breathing planning processes: an exploratory study in aging speakers reporting dyspnea. *Journal of Speech, Language, & Hearing Research*, 67(8), 2483-2498
 11. Stagge, F.* , Lanzi, A.M. , Saylor, A.K.* , **Cohen, M.L.** (2024). Montreal Cognitive Assessment Scores do not Associate with Communication Challenges Reported by Community-Dwelling Adults with Acquired Neurological Conditions. *American Journal of Speech-Language Pathology*, 33(4), 1902-1910. https://doi.org/10.1044/2024_AJSLP-23-00248
 12. Jewell, C.C.* , Harnish, S.M. , Brello, J. , Lanzi, A.M. , **Cohen, M.L.** (2024). Post-Stroke Communication Ability Predicts Patient-Informant Discrepancies in Reported Activities and Participation. *American Journal of Speech-Language Pathology*, 44(4), 1854-1867. https://doi.org/10.1044/2024_AJSLP-23-00322.
 13. Saylor, A.K.* , Appleton, S. , Tracy, S. , Mendolovitz, T. , Stagge, F.* , **Cohen, M.L.** , Lanzi, A.M. (2024). Cultural Adaptation of the Functional External Memory Aid Tool for use in the United Kingdom and Australia. *Perspectives of the ASHA Special Interest Groups*, 9(3), 868-876
 14. Tyner, C.E. , Boulton, A.J. , Slotkin, J. , **Cohen, M.L.** , Weintraub, S. , Gershon, R.C. , Tulsy, D.S. (2024). Exploring symptom clusters in Mild Cognitive Impairment and Dementia with the NIH Toolbox. *Journal of the International Neuropsychological Society*, 30(6), 603-614. doi:10.1017/S1355617724000055
 15. Lapin, B. , **Cohen, M.L.** , Corsini, N. , Lanzi, A.M. , Smith, S. , Bennett, A. , Eshoj, H.R. , Mayo, N. , Mercieca-Bebber-R. , Mitchell, S. , Rutherford, C. , Roydhouse, J. (2023). Development of Emerging Best Practices for Proxy-Reported Measures: An ISOQOL Task Force Initiative. *Journal of Patient-Reported Outcomes*, 7(1), 52.
 16. **Cohen, M.L.** , Harnish, S. , Lanzi, A. , Brello, J. , Hula, W.D. , Victorson, D. , Nandakumar, R. , Kisala, P.A. , Tulsy, D.S. (2023). Establishing Severity Levels for Patient-Reported Measures of Functional Communication, Participation, and Perceived Cognitive Function for Adults with Acquired Cognitive and Language Disorders. *Quality of Life Research*. <https://doi.org/10.1007/s11136-022-03337-2>
 17. Lanzi, A.M. , Saylor, A.K. , Fromm, D. , MacWhinney, B. , & **Cohen, M.L.** (2023). DementiaBank: Theoretical Rationale, Protocol, and Illustrative Analyses. *American Journal of Speech-Language-Pathology*. https://doi.org/10.1044/2022_AJSLP-22-00281
 18. Delgorio, P.L. , Hiscox, L.V. , McIlvain, G. , Kramer, M.K. , Diano, A. M. , Twohy, K.E. , Merritt, A.A. , McGarry, M.D.J. , Schwarb, H. , Daugherty, A.M. , Ellison, J. M. , Lanzi, A.M. , **Cohen, M.L.** , Martens, C.R. , Johnson, C.L. (2023). Hippocampal Subfield Viscoelasticity in Amnesic Mild Cognitive Impairment Evaluated with MR Elastography. *NeuroImage: Clinical*, 37. <https://doi.org/10.1016/j.nicl.2023.103327>.
 19. Lanzi, A.M. , Saylor, A.K.* , Dedrick, R.F. , Bourgeois, M.S. , & **Cohen, M.L.** (2022). The Functional External Memory Aid Tool Version 2.0: A How-To Clinical Guide. *American Journal of Speech-Language Pathology*, 32(1), 96-106. https://doi.org/10.1044/2022_AJSLP-22-00178

20. Lanzi, A.M, Saylor, A.K*, **Cohen, M.L.** (2022). Survey Results of Speech-Language Pathologists Working with Cognitive-Communication Disorders: Improving Practices for Mild Cognitive Impairment and Early-Stage Dementia from Alzheimer's Disease. *American Journal of Speech-Language Pathology*, 31(4), 1653-1671. https://doi.org/10.1044/2022_AJSLP-21-00266.
21. Kisala, P.A., Tulsy, D.S., Tate, D., Heinemann, A., Charlifue, S., Fyffe, D., Felix, E.R., **Cohen, M.L.**, Boulton, A.J., Ni, P., Keeney, T., Slavin, M.D., & Jette, A. (2021). Spinal Cord Injury – Functional Index (SCI-FI v.1.0): Responsiveness to Change Over Time. *Archives of Physical Medicine & Rehabilitation*, 103(2), 199-206. <https://doi.org/10.1016/j.apmr.2021.10.005>.
22. **Cohen, M.L.**, Harnish, S., Lanzi, A., Brello, J., Victorson, D., Kisala, P.A., Nandakumar, R., Tulsy, D.S. (2021). Adapting a PRO-Bookmarking Task to be Accessible to Adults with Cognitive and Language Disorders. *Journal of Speech, Language, and Hearing Research*, 64 (11), 4403-4412. https://doi.org/10.1044/2021_JSLHR-21-00071
23. Martens, C.R., **Cohen, M.L.**, Lanzi, A.M., Johnson, C. (2021). Expanding Alzheimer's Research at the University of Delaware and Beyond: The Delaware Center for Cognitive Aging Research (DECCAR). *Delaware Journal of Public Health*, 7(4), 24-30. doi: 10.32481/djph.2021.09.006
24. **Cohen, M.L.**, Ryan, A.C., & Lanzi, A.L. (2021). Prevention of and Early Intervention for Cognitive Decline due to Alzheimer's Disease and Related Disorders. *Delaware Journal of Public Health*, 7(4), 118-122. doi: 10.32481/djph.2021.09.014.
25. French, M.A.* , **Cohen, M.L.**, Pohlig, R.T., Reisman, D.S. (2021). Fluid Cognition Relates to Locomotor Switching Ability in Neurologically Intact Adults, but Not Individuals After Stroke. *Journal of Neurologic Physical Therapy*, 46(1), 3-10. DOI: 10.1097/npt.0000000000000373. PMID: 34507340.
26. Roydhouse, J., **Cohen, M.L.**, Eshoj, H., Corsini, N. Yucel, E., Rutherford, C., Wac, K., Berrocal, A., Lanzi, A., Nowinski, C., Roberts, N., Kassianos, A., Seville, V., King, M.T., Mercieca-Bebber, R., on behalf of the ISOQOL Proxy Task Force. (2021). The Use of Proxies and Proxy-Reported Measures: A Report of the ISOQOL Proxy Task Force. *Quality of Life Research*. <https://doi.org/10.1007/s11136-021-02937-8>
27. Lanzi, A., Ellison, J., **Cohen, M.L.** (2021). The "Counseling+" Roles of the Speech-Language Pathologist Serving Older Adults with Mild Cognitive Impairment and Dementia. Invited paper for *Perspectives of the ASHA Special Interest Groups*, 6(5),987-1002
28. **Cohen, M.L.**, & Lanzi, A., & Boulton A.J. (2021). Clinical Use of PROMIS, Neuro-QOL, TBI-QoL and Other Patient-Reported Outcome Measures for Individual Clients with Cognitive & Language Disorders. Invited paper for *Seminars in Speech and Language*, 42(3), 192-210.
29. French, M.A.* , **Cohen, M.L.**, Pohlig, R.T., Reisman, D.S. (2021). Fluid Cognition is Important for Learning and Retention of a New, Explicitly-Learned Walking Pattern in Individuals After Stroke. *Neurorehabilitation and Neural Repair*, 35(5), 419-430.
30. **Cohen, M.L.**, Boulton, A.J., Lanzi, A., Sutherland, E*, Hunting Pompon, R. (2021). Psycholinguistic Features, Design Attributes, and Respondent-Reported Cognition Predict Response Time to Patient-Reported Outcome Measure Items. *Quality of Life Research*, 30(6), 1693-1704. <https://doi.org/10.1007/s11136-021-02778-5>.
31. Lanzi, A., Wallace, S.E., **Cohen, M.L.**, & Bourgeois, M.S. (2021). Structured External Memory Aid Treatment (SEMAT) in Older Adults with Mild Cognitive Impairment: Long-Term Adherence and Subjective Experiences of Treatment. *Aphasiology*. <https://doi.org/10.1080/02687038.2020.1868395>
32. Sanjana, F*, Delgorio, P.L.* , Hiscox, L.V* , DeConne, T.M* , Hobson, J.C., **Cohen, M.L.**, Johnson, C.L., Martens, C.R. (2020). Blood Lipid Markers are Associated with Hippocampal Viscoelastic Properties and Memory in Humans. *Journal of Cerebral Blood Flow and Metabolism*. <https://doi.org/10.1177/0271678X20968032>
33. **Cohen, M.L.** & Hula. W.D. (2020). Patient-Reported Outcomes and Evidence-Based Practice in Speech-Language Pathology. *American Journal of Speech-Language Pathology*, 29(1), 357-370. https://doi.org/10.1044/2019_AJSLP-19-00076.
34. **Cohen, M.L.**, Kisala, P.A., Boulton, A.J., Carlozzi, N.E., Cook, C.V., & Tulsy, D.S. (2019). Development and Psychometric Characteristics of the TBI-QOL Communication Item Bank. *Journal of Head Trauma Rehabilitation*, 34(5), 326-339. <https://doi.org/10.1097/HTR.0000000000000528>.
35. **Cohen, M.L.**, Weatherford, S.* , & Nandakumar, R. (2019). How Normal are "Normal" Errors of Language and Cognition? *Journal of Speech, Language, and Hearing Research*, 62(5), 1468-1472. https://doi.org/10.1044/2018_JSLHR-L-18-0215
36. **Cohen, M.L.**, Tulsy, D.S., Boulton, A.J., Kisala, P.A., Bertish, H., Yeates, K.O., Zonfrillo, M.R., Durbin, D., Jaffe, K.M., Tempkin, N., Wang, J., Rivara, F.P. (2019). Reliability and Construct Validity of the TBI-QOL Communication Short Form as a Parent-Report Instrument for Children with Traumatic Brain Injury. *Journal of Speech, Language, and Hearing Research*, 62 (1), https://doi.org/10.1044/2018_JSLHR-L-18-0074
37. Kisala, P.A., Boulton, A.J., **Cohen, M.L.**, Slavin, M.D., Jette, A.M., Charlifue, S., Hanks, R., Mulcahey, M.J., Cella, D., Tulsy, D.S. (2019). Interviewer vs. Self-Administration of PROMIS Measures for Adults with Traumatic Injury. *Health Psychology*, 38(5), 435-444. <http://dx.doi.org/10.1037/hea0000685>.
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Book Chapters (*denotes trainee)

Crosson, B., and **Cohen, M. L.** (2012). Language and Communication Disorders Associated with Attentional Deficits. In R. Peach and L. Shapiro (Eds.), *Cognition and Acquired Language Disorders: A Process-oriented approach* (pp. 167-182). St. Louis: Elsevier.

Conference Presentations (*denotes trainee)

Stagge, F.*, **Cohen, M.L.**, Dalton, S.G., Boulton, A.J., Saylor, A.K.*, Lanzi, A.M. Multilevel Narrative Discourse Analysis in Older Adults With and Without Mild Cognitive Impairment. (2026, Nov). Abstract submitted to the American Speech-Language-Hearing Convention, Indianapolis, IN.

Manzoor, S.*, **Cohen, M.L.**, Pohlig, R.T., Morton, S.M., Thomson, E.D., Wright, H., Wright, T.R., & Reisman, D.S. (2026, Mar). Examining the Role of Multiple Cognitive Factors and Explicit Locomotor Learning After Stroke. Abstract submitted to the American Society of Neurorehabilitation, Los Angeles, CA.

- Cohen, M.L.** & Boulton, A.J. (2026, Feb). Health Belief Model Does Not Predict Older Adults' Decision to Pursue Cognitive Screening. Poster presented at the Annual Convention of the International Neuropsychological Society, Philadelphia PA.
- Stagge, F.*, **Cohen, M.L.**, Dalton, S.G., Boulton, A.J., Saylor, A.K.*, Lanzi, A.M. Multilevel Narrative Discourse Analysis in Older Adults With and Without Mild Cognitive Impairment. (2026, Jan). Abstract submitted to the International Cognitive-Communication Disorders Conference, Nashville, TN.
- Stagge, F.S., Lanzi, A.M., Saylor, A., Cohen, M.L. (2025, Nov.) Measuring Personally Significant Improvement in MCI: Within-Person Change Thresholds on the Communicative Participation Item Bank. Presentation submitted to the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Washington DC.
- Sohlberg, M.M., Lanzi, A.M., Rothbart, A., Strong, K., Paul, D., Keatley, E., Seagly, K. **Cohen, M.L.** (2025, Nov). SLP-Led Interventions and Treatment Strategies for Mild Cognitive Impairment and Early-Stage Dementia. Presentation submitted to the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Washington DC.
- **Selected as Centennial Session by Program Committee****
- Cohen, M.L.**, Van Buren, K., Myers, M. (2025, Nov). Brain-WISE: A Group-Based Program for Brain Health and Dementia Risk Reduction. Presentation submitted to the Annual Convention of the American Speech-Language-Hearing Association (ASHA), Washington DC.
- Dallas, O., Williams, R., Martens, S., Martens, C.R., Johnson, C.R., **Cohen, M.L.**, & Lanzi, A.M. (2025, Oct). Brain Health Champions: Building Brain-Healthy Communities in Delaware. Poster presented at the 2025 ACCEL Community Research Exchange Conference, Newark, DE. ****Awarded 2nd place for Community Choice Award****
- Kramer, M.*, Pyontek, N.*, **Cohen, M.L.**, Martens, C.R., Lanzi, A.M., Johnson, C.L. (2025, Oct) Plasma Tau Biomarkers of Alzheimer's Disease Correlate with Stiffness Loss in Older Adults. Presentation at the 2025 Biomechanical Engineering Society Annual Meeting, San Diego.
- Pyontek, N.*, Kramer, M.*, **Cohen, M.L.**, Martens, C.R., Lanzi, A.M., Johnson, C.L. (2025, Oct) Characterizing the Relationship between Mechanical and Diffusive Properties in the Aging Hippocampus. Presentation at the 2025 Biomechanical Engineering Society Annual Meeting, San Diego.
- Stagge, F., Cohen, M.L., Student, S.R., & Lanzi, A.M. (2025, Sept). Does Socioeconomic Status Influence Subjective Cognitive Function? Evaluating the Every
- Martens, C.R., Decker, K.P., DeConne, T.M., Sanjana, F., Horvat, F., Rizzi, N., Awad, C., Habash, E., Hobson, J.C., Armstrong, M.L., Reisdorph, N., Pohlrig, R.T., Lanzi, A.M., Johnson, C.L., **Cohen, M.L.**, Ellison, J.M. (2025, July). A Phase-II Randomized Controlled Pilot and Feasibility Study of Nicotinamide Riboside Supplementation in Older Adults with Amnesic Mild Cognitive Impairment. Abstract submitted to the Alzheimer's Association International Conference, Toronto.
- Decker, K.P., Rigas, Z., Rizzi, N.A., Awad, C., Sanjana, F., Kramer, M.K., Johnson, C.L., **Cohen, M.L.**, Lennon, S.L., Martens, S.R. (2025, July). The effects of a western-style diet on hippocampal blood flow and memory function in midlife adults. Poster presented at the North American Artery Conference, Philadelphia.
- Kramer, M.K.*, Pyontek, N.J.*, Rizzi, N.A.*, Decker, K.P.*, **Cohen, M.L.**, Lanzi, A.M., Martens, C.R., Johnson, C.L. (2025, July). Increased Plasma Amyloid and Tau Concentrations Associated with Decreased Mechanical Integrity of Braak Regional Measured with MR Elastography. Abstract submitted to the Alzheimer's Association International Conference, Toronto.
- Ellison, J.M., **Cohen, M.L.**, Husain-Krautter, S. (2025, May). Better Care for Older Adults with Mild Impairment of Cognition or Behavior. Abstract submitted to the American Psychiatric Association Annual Conference, Los Angeles.
- **Submission ranked #20 of >600****
- Cohen, M.L.**, Van Buren, K., Myers, M., Ellison, J.M., Martens, C.R., Lanzi, A.M. (2025, May). A Non-Randomized Pilot Trial of Brain-WISE: A Community-Based Program for Brain Health and Dementia Risk Reduction. Abstract submitted to the 2025 Annual Conference of the American Psychiatric Association, Los Angeles.
- Manzoor, S.*, Thompson, E.D., Wright, H., Wright, T., Barela, A., **Cohen, M.L.**, Reisman, D.S., (2025, April). The Role of Visuospatial Working Memory in Visual Feedback-Based Motor Corrections During Walking After Stroke. Abstract submitted to Annual Conference of the American Society of Neurorehabilitation, Atlanta.
- Rizzi, N.A.*, Decker, K.P.*, Rigas, Z.*, Awad, C., Sanjana, F.*, **Cohen, M.L.**, Lennon, S.L., Martens, C.M. (2025, Nov). The Effect of a 10-Day Western Diet on Plasma Brain-Derived Neurotrophic Factor. Abstract submitted to the 2025 National Summit of the American Physiological Society, Baltimore.
- Saylor, A.K., Johnson, A.L., Stagge, F., Dallas, O., Palmer, K., Fromm, D., **Cohen, M.L.**, MacWhinney, B., Lanzi, A.M. (2025, April). Semantic Measures of Older Adults' Spoken Language Varies Based on Discourse Task. Poster presented at the Annual Conference of Aphasia Access, Pittsburgh.
- Kramer, M.K., Pyontek, N.J., Rizzi, N.A., Decker, K.P., Cohen, M.L., Lanzi, A.M., Martens, C.R., Johnson, C.L. (2025, May). Increased Peripheral Blood Plasma Amyloid and Tau Concentrations Associated with MR Elastography Measures of Brain Stiffness.
- Kramer, M.K.*, Delgorio, P.L.*, Diano, A.M.*, Twohy, K.E., Bailey, O.M., Hiscox, L.V., **Cohen, M.L.**, Lanzi, A.M., Martens, C.R., Johnson, C.L. (2025, May). Functional Relationship with MR Elastography Measures of Basal Ganglia Stiffness in Mild Cognitive Impairment. Abstract submitted to the International Society for Magnetic Resonance in Medicine Annual Conference.
- Kramer, M.K.*, Delgorio, P.L.*, McIlvain, G.A., Diano, A.M.*, Bailey, O.M., Twohy, K.E., Lanzi, A.M., **Cohen, M.L.**, Martens, C.R., Johnson, C.L. (2024, July). Basal ganglia mechanical stiffness is associated with fluid intelligence in amnesic mild cognitive impairment. Paper presented at the 2024 Biomedical Engineering Society, Baltimore.

- Decker, K.P., Rigas, Z., Rizzi, N.A., Awad, C., Sanjana, F., **Cohen, M.L.**, Lennon, S.L., Martens, S.R. (2024, July). The effects of dietary sugar intake on cardiometabolic health and memory recall in midlife adults. Poster presented at the Alzheimer's Disease International Conference, Philadelphia.
- Stagge, F.* , **Cohen, M.L.**, Johnson, Allyson L., & Lanzi, A.M. (2024, December). Clinical Applications of Patient-Reported Outcome Measures for Cognitive-Communication Disorders: Current Uses and Overcoming Barriers. 1-hour Seminar at the Annual Conference of the American Speech-Language-Hearing Association, Seattle.
- Rizzi, N.A.*, Decker, K.P.*, Rigas, Z.*, Awad, C., Sanjana, F.*, **Cohen, M.L.**, Lennon, S.L., Martens, C.M. (2024, Nov). The Effect of a Diet High in Added Sugars on Circulating Brain-Derived Neurotrophic Factor. Abstract submitted to Mid-Atlantic American College of Sports Medicine, Lancaster
- Lanzi, A.M., Saylor, A.K., Fromm, D., MacWhinney, B., **Cohen, M.L.** (2024, July). Expanding DementiaBank: An Online Multimedia Database for Big Data Analyses of Language and Cognition in Dementia. Abstract presented at the Global Neuropsychology Conference. Porto, Portugal.
- Kramer, M.K.*, Delgorio, P.L.*, Diano, A.M.*, McIlvain, G.A., Twohy, K.E., Bailey, O.M., **Cohen, M.L.**, Lanzi, A.M., Martens, C.R., Johnson, C.L. (2024, July). Basal ganglia mechanical stiffness is associated with fluid intelligence in amnesic mild cognitive impairment. Poster presented at the Alzheimer's Disease International Conference, Philadelphia.
- Cohen, M.L.**, Van Buren, K., Myers, M.J., Ellison, J.M., Martens, C.R., & Lanzi, A.M. (2024, July). A feasibility study of Brain-WISE: A group-based, person-centered dementia risk reduction program. Poster presented at the Alzheimer's Disease International Conference, Philadelphia.
- Saylor, A.K*., **Cohen, M.L.**, MacWhinney, B., Fromm, D., Stagge, F.*, Lanzi, A.M. (2024, July). Importance of Task Type when Considering Semantic Language Variables as Non-Invasive Biomarkers. Poster presented at the Alzheimer's Disease International Conference, Philadelphia.
- Stagge, F.*, Lanzi, A.M., **Cohen, M.L.**, Johnson, C.L., Martens, C.R. (2024, July). Feasibility of a Telehealth-Based Registry for Older Adults with Mild Cognitive Impairment Recruited from the Community. Poster presented at the Alzheimer's Disease International Conference, Philadelphia.
- Cohen, M.L.**, Boulton, A.J., Tyner, C.E., Slotkin, J., Weintraub, S., Gershon, R.C., Dodge, H.H., Tulskey, D.S. (2024, Feb). Cross-domain symptom profiles of MCI and dementia assessed with the NIH Toolbox. Paper submitted to the Annual Conference of the *International Neuropsychological Society*.
- Tyner, C.E., Boulton, A.J., Slotkin, J., **Cohen, M.L.**, Weintraub, S., Gershon, R.C., Tulskey, D.S. (2024, Feb). Using the NIH Toolbox to Detect Clusters of Symptoms Across Domains in MCI and AD. Paper submitted to the Annual Conference of the *International Neuropsychological Society*.
- Rizzi, N.A.*, Kramer, M.K*., Deconne, T.M*., Ellison, J.M., Lanzi, A.M., Overstreet, M., Edwards, D., **Cohen, M.L.**, Johnson, C.L., Martens, C.R. (2023). Relative intensity, not absolute workload, determines exercise metabolism in individuals with mild cognitive impairment and healthy controls. Abstract submitted to Northeast Regional IDeA Conference, 2023.
- Bhat, S.*, Cohen, M.L., Morton, S.M. (2024, Feb.). Cognitive Impairment Affects Split-Belt Locomotor Learning in Older Adults. Presentation submitted to the 2024 Conference of the American Physical Therapy Association – Combined Section Meeting, Boston
- Bhat, S.*, Cohen, M.L., Morton, S.M. (2024, Feb.). Effect of Additional Task Instructions on Locomotor Learning in Older Adults with Mild Cognitive Impairment. Presentation submitted to the 2024 Conference of the American Physical Therapy Association – Combined Section Meeting, Boston
- Stagge, F.* ,Lanzi, A.M., Saylor, A.K.* , & **Cohen, M.L.** (2023, Nov). Are Speech-Language Pathologists Using PROMs for Adult Clients with Cognitive-Linguistic Difficulties? Abstract submitted to the 2023 Annual Convention of the American Speech-Language-Hearing Association, Boston.
- Saylor, A.K*., Appleton, S., Mendolovits, T., Tracey, S., Stagge, F.* , **Cohen, M.L.**, Lanzi, A.M. (2023, Nov). International Clinical Research Partnerships: UK and AU Versions of the Functional External Memory Aid Tool. Poster presentation to be presented at the 2023 Annual Convention of the American Speech-Language-Hearing Association, Boston.
- Cohen, M.L.**, Lanzi, A.M., Saylor, A.K., Boulton, A.J., Rittreiser, J.C., Ritona, M.K., Ellison, J.M. (2023, Nov). Adults Who Screen Positive for Cognitive Impairment: Predictors of Follow-Up. Abstract accepted to the 2023 Annual Conference of the Gerontological Society of America, Tampa.
- Stagge, F.* ,Lanzi, A.M., Saylor, A.K.* , & **Cohen, M.L.** (2023, Oct). Are Speech-Language Pathologists Using PROMs for Adult Clients with Cognitive-Linguistic Difficulties? Abstract accepted to the 2023 Annual Convention of the International Society for Quality of Life Research, Calgary.
- Lanzi, A.M., Saylor, A.K*., Fromm, D., MacWhinney, B., **Cohen, M.L.** (2023, July). Establishing the DementiaBank Delaware Corpus – An Online Multimedia Database for the Study of Language and Cognition in Dementia. Abstract submitted to the 2023 Alzheimer's Association International Conference, Amsterdam.
- Jewell, C.* , Harnish, S.M., Lanzi, A.M., **Cohen, M.L.** (2023, May). Patient-Informant Agreement in Reported Activities and Participation Depends on Aphasia Severity. Poster submitted to the 2023 Clinical Aphasiology Conference, Atlantic City.
- Rizzi, N.A.*, Kramer, M.K*., Deconne, T.M*., Ellison, J.M., Lanzi, A.M., **Cohen, M.L.**, Johnson, C.L., Martens, C.R. (2023, May). Maximal Fat Oxidation is Diminished in Individuals with Mild Cognitive Impairment. Paper submitted to the Annual Conference of the American Physiology Society.

- Rizzi, N.A.*, Kramer, M.K.*, Deconne, T.M.*, Ellison, J.M., Lanzi, A.M., **Cohen, M.L.**, Johnson, C.L., Martens, C.R. (2023, May). Maximal Fat Oxidation is Diminished in Individuals with Mild Cognitive Impairment. Paper submitted to the Annual Conference of the American College of Sports Medicine.
- Cohen, M.L.**, Stagge, F.*, Lanzi, A.M. (2022, Nov). Unbeknownst to the Montreal Cognitive Assessment, Many Adults with Acquired Neurological Conditions Report Communication Challenges. Poster submitted to the Annual Convention at the American Speech-Language-Hearing Association, New Orleans. ***MERIT AWARD*** (awarded to ~4% of abstract submissions)
- Cohen, M.L.**, Saylor, A.K.*, Lanzi, A.M. (2022, Nov). Clinical Cut Points for Patient-Reported Outcome Measures: Agreement Between Group Consensus and Individual Patient Self-Perceptions. Poster submitted to the Annual Convention at the American Speech-Language-Hearing Association, New Orleans.
- Jewell, C.*, Harnish, S.M., Lanzi, A.M., **Cohen, M.L.** (2022, Sept.). The Relationships Between Perceived Communication Effectiveness, Perceived Participation and Performance-Based Language Skills in People with Aphasia. Poster presented at the Saffran Conference.
- Lapin, B., Bennett, A., **Cohen, M.L.**, Corsini, N., Eshoj, H.R., Lanzi, A.M., Mercieca-Bebber, R., Smith, S., & Roydhouse, J.K. (2022, Oct). Development of Emerging Best Practices for Proxy-Reported Measures; An ISOQOL Task Force Initiative. Poster submitted to the Annual Conference of the International Society for Quality of Life Research, Prague.
- MacWhinney, B., Fromm, D., Lanzi, A. M., & **Cohen, M. L.** (2022, July). DementiaBank and TalkBank. Keynote presentation at the Artificial Intelligence for Neurodegenerative Diseases AI4AD Workshop at the World Congress on Computation Intelligence (WWCI), Padua, Italy.
- Jewell, C.*, Harnish, S.M., Lanzi, A.M., **Cohen, M.L.** (2022, May). The Relationships Between Perceived Communication Effectiveness, Perceived Participation and Performance-Based Language Skills in People with Aphasia. Poster presented at the Clinical Aphasiology Conference.
- Saylor, A.K.*, **Cohen, M.L.**, Fromm, D., MacWhinney, B., Lanzi, A.M. (2022, March). DementiaBank Protocol: Using "Big Data" to Understand Language Changes Across the Progression of Alzheimer's Disease. Poster presented at the 2022 College of Health Science Research Day.
- Cohen, M.L.**, Lanzi, A.M., Saylor, A.K., Harnish, S.M. (2022, Feb.). Communicative Participation in Older Adults with Mild Cognitive Impairment or Dementia from Alzheimer's Disease. Poster presented at the 2022 Annual Conference of the International Neuropsychological Society, New Orleans.
- Delgorio, P.L.*, Hiscox, L.V., McIlvain, G*, Merritt, A., Diano, A., Kramer, M., Twohy, K., Ellison, J.M., Lanzi, A., **Cohen, M.L.**, Martens, C.R., & Johnson, C.L. (2021). Hippocampal Subfield Property Differences in Amnesic Mild Cognitive Impairment Measured with MR Elastography. Abstract submitted to the Annual Conference of the International Society for Magnetic Resonance in Medicine.
- Shenouda, N.*, Chouramania, N.V.*, **Cohen, M.L.**, Townsend, R.R., Edwards, D.G. (2021). Lower Memory Recall and Higher Common Carotid Artery Flow Pulsatility in Non-Dialysis Chronic Kidney Disease Patients. Poster presented at the American Heart Association Hypertension Scientific Session.
- Delgorio, P.L.*, Hiscox, L.V.*, McIlvain, G*, Merritt, A., Ellison, J.M., Lanzi, A., **Cohen, M.L.**, Martens, C.R., & Johnson, C.L. (2021). Hippocampal Subfield Viscoelasticity in Amnesic Mild Cognitive Impairment. Paper presented at the Annual Conference of the Biomedical Engineering Society.
- Collins, K.*, Lanzi, A.M., **Cohen, M.L.** (2021). Performance-Based Aphasia Severity is Different from Patient Ratings of Aphasia Severity and Communication Participation. Poster presented at the 2021 Annual Convention of the American Speech-Language-Hearing Association.
- Bahls, J., McCauley, J., Palmer, K., **Cohen, M.L.** McGinley, K. (2021). Rising to the Challenge: discovering new approaches to graduate student dysphagia education through simulation, during a global pandemic. 2021 Annual Convention of the American Speech-Language-Hearing Association.
- Hiscox, L.V., Tinney, E.M., Delgorio, P.L.*, McGarry, M.D.J., Lanzi, A., Ellison, J.M., **Cohen, M.L.**, Martens, C.R., Johnson, C.L. (2021). Hippocampal Viscoelasticity is Association with Risk of Mild Cognitive Impairment. International Society for Magnetic Resonance in Medicine, Vancouver.
- French, M.A.*, **Cohen, M.L.**, Pohlrig, R., Reisman, D.S. (2019). Does Cognition Predict Ability To Learn And Remember A Novel Walking Pattern In Individuals Post Stroke? Presentation at the Annual Conference of the American Physical Therapy Association.
- French, M.A.*, **Cohen, M.L.**, Pohlrig, R., Reisman, D.S. (2019). The Relationship between Motor and Cognitive Switching During Walking in Stroke Survivors and Age-Matched Health Adults. Presentation at the American Society of Neurorehabilitation.
- Cohen, M.L.**, Baylor, C., & Yorkston, K.M. (2019, Nov). Patient-Reported Outcomes for Adults with Communication Disorders: Opportunities and Challenges. 1-Hour platform talk at the 2019 ASHA Convention, Orlando.
- Cohen, M.L.** & Tulskey, D.S., (2019, March). Enhancing the Interpretability of PROMIS Measures for Adults with Language Disorders. Invited platform presentation at the Annual Conference of the ACCEL Delaware-CTR, Newark.
- Cohen, M.L.**, Harnish, S., Nandakumar, R., Kisala, P.A., Brello, J., Hula, W., Tulskey, D.S., (2019, Feb.) Determining Clinical Cut Points for Patient-Reported Outcomes Measures For Individuals with Aphasia: Preliminary Findings. Poster presented at the University of Delaware College of Health Sciences Research Day.
- Cohen, M.L.**, Kisala, P.A., Boulton, A.J., Cook, C.V., & Tulskey, D.S. (Conditionally Accepted). Development and Psychometric Characteristics of the TBI-QOL Communication Item Bank. Poster presented at the University of Delaware College of Health Sciences Research Day.

- French, M.*, **Cohen, M.L.**, & Reisman, D., (2018, Nov.). Does cognition predict ability to learn a novel walking pattern in individuals post-stroke? Platform presentation at the American Society of Neurorehabilitation, San Diego.
- Cohen, M.L.**, & Tulsy, D.S. (2018, Oct.). Assessment of patient-reported outcomes in individuals with cognitive and communication disorders. Symposium presentation (with Allen Heinemann, Mark Sherer, and Pamela Kisala) at the 2018 Annual Conference of the American Congress of Rehabilitation Medicine, Dallas.
- Hunting Pompon, R. & **Cohen, M.L.** (2018, May). Sleep Quality and its Associations in People with Aphasia. Poster to be presented at the 2018 Annual Clinical Aphasiology Conference, Austin.
- Papafragou, A., Friedberg, C., & Cohen, M.L. (2017, Apr.). Pragmatic Inferences and Speaker Knowledge. Paper presented at the Society for Research in Child Development.
- Tyner, C., **Cohen, M.L.**, Wyatt, M., Pruziner, A., Wilkin, J., Kisala, P., Cancio, J., Slotkin, J., Latief, G., Tulsy, D. (2017, Feb.). Psychosocial Challenges Affecting Patients with Major Limb Trauma. Poster presented at the 2017 Annual Rehabilitation Psychology Conference, Albuquerque
- Cohen, M.L.**, Tulsy, D.S., Wang, J., Bertisch, H., Kisala, P.A., Yeates, K.O., Rivara, F.P. (2017, Feb). Parent Ratings of Language Problems after Pediatric Traumatic Brain Injury. Poster presented at the 2017 Annual Conference of the International Neuropsychological Society, New Orleans.
- Tulsy, D.S., **Cohen, M.L.**, Carlozzi, N.E., Heinemann, A. (2017, Feb.). Clinical and Research Applications of the NIH Toolbox Cognition Battery for Use with TBI, SCI, and Stroke Populations. Presented at the 2017 Annual Rehabilitation Psychology Conference, Albuquerque
- Cohen, M.L.**, Heinemann, A., Holdnack, J.A., Carlozzi, N., Wong, A., Heaton, R.K., Kisala, P., Tulsy, D.S. (2016, Sept.) Assessment of Cognition after Spinal Cord Injury with the NIH Toolbox – Cognitive Battery. Presented at the Annual Scientific Meeting of the International Spinal Cord Society, Vienna.
- Tulsy, D.S., Holdnack, J.A., Carlozzi, N.E., Wong, A., **Cohen, M.L.**, Heinemann, A. (2016, Feb). Confirmatory Factor Analysis of the NIH Toolbox Cognition Battery Among Individuals with Acquired Brain Injury. Presented at the annual conference of the International Neuropsychological Society, Boston.
- Cohen, M.L.**, Kisala, P.A., Holdnack, J.A., Tulsy, D.S. (2015, Oct). Construct Validity of the SCI-QOL Trauma Scale. To be presented at the annual conference of the American Congress of Rehabilitation Medicine, Dallas.
- Holdnack, J.A., **Cohen, M.L.**, Tulsy, D.S., Kisala, P.A., Heinemann, A. (2015, Oct.). Anger Issues in Individuals with TBI: Prevalence and Cognitive Risk Factors. To be presented at the annual conference of the American Congress of Rehabilitation Medicine, Dallas.
- Cohen, M.L.**, Aita, S., Mari, Z. & Brandt, J. (2015, Feb). The Unique and Combined Effects of Apathy and Depression on Cognition in Patients with Parkinson's Disease. Poster presented at the annual conference of the International Neuropsychological Society, Seattle.
- Papafragou, A., **Cohen, M.L.**, & Friedberg, C. (2014, Nov). Linking Conversational Inferences to the Speaker's Knowledge State. Paper presented at the Boston University Conference on Language Development, Boston.
- Cohen, M.L.**, Price, C.C., Schwab, N., & Heilman, K.M. (2014, Feb). Endogenously and Exogenously Evoked Movement Preparation in Parkinson's Disease. Poster presented at the annual conference of the International Neuropsychological Society, Seattle.
- Cohen, M.L.**, Testa, S.M., Hopp, J. (2013, May). Reconceptualizing "dissociation" in patients with psychogenic, non-epileptic seizures. Presented at the VA Maryland Healthcare System annual Research Symposium, Baltimore.
- Cohen, M.L.**, Williamson, J., Kwon, J., Schwartz, B., Salazar, L., & Heilman, K.M. (2012, Feb). Parkinson patients' impaired disengagement from focal attention impairs the allocation of global attention. Poster session presented at the annual conference of the International Neuropsychological Society, Montreal.
- Cohen, M.L.**, Zlatar, Z.Z., McGregor, K.M., Bauer, A., Phan, S., Crosson, B., & Heilman, K.M. (2011, Feb) Changes in finger tapping variability during unimanual and dual-task performance as a function of age and aerobic fitness. Poster presented at the annual conference of the International Neuropsychological Society, Boston.
- Cohen M. L.**, Heaton, S.C., Ginn, N., & Eyberg, S. Parent-Child Interaction Therapy as a family-oriented approach to the management of behaviors following pediatric traumatic brain injury: A case report. (2011, Feb). Poster presented at the Annual Conference of the International Neuropsychological Society, Boston.
- Cohen M. L.**, Kwon, J.C., Williamson, J., Burtis, D.B., & Heilman, K.M. Biases during vertical bimanual movements in healthy adults. (2011, Feb). Poster presented at the Annual Conference of the International Neuropsychological Society, Boston.
- Cohen M. L.**, Rozensky, R. H., Zlatar, Z.Z., Averbuch, R., & Cibula, J. Presentation of Post-Traumatic Stress Disorder due to the misattribution of seizure-related experiential responses: A case report. (2011, Feb). Poster presented at the Annual Conference of the International Neuropsychological Society, Boston.
- Zlatar, Z., McGregor, K., Bauer, A., Phan, S., **Cohen, M. L.**, & Crosson, B. (2010, Apr). Brain activity differences between sedentary and physically active older adults during word retrieval: A cross-sectional functional magnetic resonance imaging (fMRI) study. Poster presented at the annual meeting of the Cognitive Neuroscience Society, Montreal.
- Crosson, B., Wierenga, C.E., Meinzer, M., McGregor, K.M., Benjamin, M., & **Cohen, M.L.** (2009, Oct). HAROLD and lexical retrieval: What is the role of the right frontal lobe?" Presented at the annual meeting of the Academy of Aphasia, Boston.
- Cohen, M.L.**, Benjamin, M.L., McGregor, K.M., Chang, YL., White-K.D., Rackelman, C., Sherod, M., Levy, I., Zlatar, Z.Z., Trinastic J., & Crosson, B. (2009, Feb). Dedifferentiation of function in older adults during category member generation. Poster presented at the Annual Meeting of the International Neuropsychological Society, Atlanta. * MERIT AWARD*

Zlata, Z., Levy, I. F., Benjamin, M., McGregor, K.M., **Cohen, M.**, Trinastic, J., & Crosson, B. (2009, Feb). Lesion severity predicting right-hemisphere homologous activity and treatment improvement in non-fluent aphasia. Poster presented at the Annual Meeting of the International Neuropsychological Society, Atlanta. *MERIT AWARD*

Invited Talks

- Cohen, M.L.**, Martens, C.M. (2025, October). Brain Health and Dementia Prevention. Keynote speech for the ChristianaCare Swank Symposium.
- Cohen, M.L.**, Van Buren, K., Myers, M. (2025, Oct). Brain-WISE: A Group-Based Program for Brain Health and Dementia Risk Reduction. Presentation to the Delaware Speech-Language-Hearing Association, Newark, DE.
- Cohen, M.L.**, (2023, Nov). Brain Health and Aging. University of DE Annual Faculty Lecture sponsored by Friends of the UD Library; Newark, DE.
- MacWhinney, B., Fromm, D., Lanzi, A. M., & **Cohen, M. L.** (2022, July). DementiaBank and TalkBank. Keynote presentation at the Artificial Intelligence for Neurodegenerative Diseases AI4AD Workshop at the World Congress on Computation Intelligence (WWCI), Padua, Italy.
- Lanzi, A.M., **Cohen, M.L.**, Interdisciplinary Cognitive-Communication Assessment for Mild Cognitive Impairment from Alzheimer's Disease (2022, Nov). Invited Talk at the Annual Convention at the American Speech-Language-Hearing Association, New Orleans.
- Cohen, M.L.** & Hunting Pompon, R. (2021). Patient-reported outcome measures: integrating and interpreting PROMs to address the health and well-being of your client. Invited platform presentation for the 2021 Annual Convention of the American Speech-Language-Hearing Association.

Journal Reviewer

Alzheimer's & Dementia
Journal of Alzheimer's Disease
The Journal of Prevention of Alzheimer's Disease
Archives of Clinical Neuropsychology
Journal of Geriatric Psychiatry and Neurology
Disability & Rehabilitation
Journal of Speech, Language, & Hearing Research (2026 Editorial Board Member-Language)
American Journal of Speech-Language Pathology (reviewer + Guest Editor)
Journal of the International Neuropsychological Society
Journal of Patient-Reported Outcomes
Applied Neuropsychology
Rehabilitation Psychology
Quality of Life Research
Language, Speech, and Hearing Services in Schools
Parkinsonism and Related Disorders
Journal of Medical Internet Research
The Cleft Palate-Craniofacial Journal [methods reviewer]
Neurocase

Academic Mentorship

Speech-Language Therapy Masters Student Capstone Project Mentorship

Class of:	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Primary advisor	5	3	4	3	2	4	3	3	3	4

Master's Degree Thesis Committee

Class of:	2027	2028	2029	2030
M.S., Clinical Psychology	1 (Hayden P.)			
Thesis option, CSCD	1 (Nina K.)			

Doctoral Student Mentorship

Student	Department / Program	Role
Margaret French (2018-2020)	Biomechanics and Movement Science (BIOMS)	Committee Member (Chair: D. Reisman); F31 co-sponsor

Christopher Apfelbach (2020-23)	Communication Sciences & Disorders	Committee Member (Chair: K. Verdolini Abbott); F31 co-sponsor
Soumya Bhat (2022-2024)	Biomechanics and Movement Science (BIOMS)	Committee Member (Chair: S. Morton)
Anna Saylor (2022-)	Communication Sciences & Disorders	Committee Member (Chair: Lanzi); F31 Co-Sponsor
Faith Stagge (2022-)	Communication Sciences & Disorders	Chair
Truc Ngo (2023-)	Biomedical Engineering	Committee Member (Chair: J. Cashaback)
Mels Ayela (2024-2025)	Communication Sciences & Disorders	Plan of Study Member
Sidra Manzoor (2024-)	Biomechanics and Movement Science (BIOMS)	Committee Member (Chair: D. Reisman)
Litty Samuel (2024-)	Dept. of Communications	Committee Member (Chair: A. Bleakley)
Olivia Dallas (2024-)	Communication Sciences & Disorders	Committee Member (Chair: Lanzi)
Abbie Bower (2025-)	Biomechanics and Movement Science (BIOMS)	Committee Member (Chair: R. Burciu)
Scott Passalugo (2025-)	Biomechanics and Movement Science (BIOMS)	Committee Member (Chair: T. Buckley)
Hannah Brownlee (2025-)	PBS / Clinical Psychology	Committee Member (Chair: J-P. Laurenceau)
Patrycja Puzio (2025-)	Communication Sciences & Disorders	Plan of Study Member (Chair: Hunting Pompon)
Mariah Egerton (2026-)	Interdisciplinary Neuroscience Graduate (ING)	Chair
Anna Luddy (2026-)	Interdisciplinary Neuroscience Graduate (ING)	Committee Member (Chair: C. Martens)

Post-Doctoral Mentorship

Postdoc	Department / Program	Role
Alyssa Lanzi, Ph.D., CCC-SLP	Communication Sciences & Disorders	Primary mentor; Co-Primary Mentor of NIH K23 Career Development Award
Ninette Shenouda, Ph.D	Kinesiology & Applied Physiology	Co-Sponsor / Consultant on AHA Fellowship Grant
Kali Sarver, Ph.D.	Communication Sciences & Disorders	Primary mentor

Classroom Teaching

2025	Graduate Instructor , University of Delaware; Newark, DE. CSCD810, Seminar in Cognitive Testing for Biomedical Research.
2023	Graduate Instructor , University of Delaware; Newark, DE. CSCD866, Seminar in Alzheimer's Disease and Related Dementias.
2021	Graduate Instructor , University of Delaware; Newark, DE. CSCD866, Seminar in Patient Reported Outcomes Assessment.
2016-Present	Graduate Instructor ,* University of Delaware; Newark, DE CSCD610 <i>Introduction to Clinical Assessment</i> and CSCD710 <i>Advanced Topics in Evidence-Based Practice</i> (evidence-based practice, applied psychometrics and measurement, research method and design, basic statistics) to graduate students in UD's Speech-Language Pathology Program.
2015-Present	Graduate Lecturer ,* University of Delaware; Newark, DE. I have annually taught two 3-hour lectures on the neuropsychological consequences of neurological illness to Doctor of Physical Therapy students in their <i>Medical Neuroscience</i> course
2013	Graduate Instructor ,* University of Baltimore; Baltimore, MD Taught <i>Biological Basis of Behavior</i> to graduate students in the Applied Psychology master's degree program.
2010	Undergraduate Instructor ,* University of Florida; Gainesville, FL Taught <i>Introduction to Neuropsychology</i> (400-level course) to undergraduates.

Professional Training/Workshops

2023	Health Equity in Clinical Education – workshop about connecting with BIPOC and first-gen students; teaching about race and health in classrooms with low racial diversity
2023	Mentor Training; Center for the Improvement of Mentored Experiences in Research (CIMER).
2018	Writing Across the Curriculum Faculty Workshop: Designing and Supporting Writing Assignments that Work

Professional Service

Professional/National Service

- Editorial Board Member, Journal of Speech, Language, & Hearing Research (2026)
- Paper Session Moderator: 2026 International Neuropsychological Society Annual Meeting. Session: "Cognitive Trajectories and Disease Risk"
- Reviewer, NIH's Cognitive Disorders and Brain Aging (CDBA) Study Section, October 2024
- Co-Chair, Joint Committee of the American Psychological Association (APA) and the American Speech-Language-Hearing Association (ASHA)(2024-2026).
- External P&T Reviewer (2023)
- Member, Communications Working Group of the NIH (NINDS/NICHHD) Rehabilitation Common Data Elements Project (2021-22)
- Mentor, ASHA Mentoring Academic-Research Careers (MARC) Program (2021,2022)
- Invited ad hoc grant reviewer, Netherlands Organization for Health Research and Development (ZonMw)(2020-21).
- Mentor, Academy of Neurologic Communication Disorders and Sciences (ANCDs) Student Fellowship Program (2020)
- Program Committee, 2020 Clinical Aphasiology Conference.
- Grant Reviewer, LSVT Global (2019).
- Committee member (2017-present), Best Practices for the Collection, Analysis, and Reporting of Proxy Data for Patient-Reported Outcomes in Adults Taskforce, International Society for Quality of Life Research
- Member of the Delaware State Task Force for Alzheimer's Disease and Related Disorders (2017)

Departmental Service

- Director, Ph.D. Program in Communication Sciences & Disorders (2024 – present)
- Chair, CSCD Promotion & Tenure Committee (2022-present)
- Member, Search Committee, CSCD Faculty (2016-17) (4 positions) (2016)
- Director, CSCD Capstone Project (2016-2024)

College Service

- Member, UD College of Health Science Public Health Working Group (2024-)
- Member, Search Committee, Dean of the College of Health Sciences (2022)
- Member, UD Translational Research Task Force (oversee Maggie E. Neumann Health Sciences Research Fund)
- Member, Working Group to form an interdisciplinary Ph.D. program in Neuroscience at UD. (2020-21)
- Chair and Member, College of Health Sciences Awards Committee (2020-2022; Chair 2022-2023)
- Member, College of Health Sciences Research Committee (2018-2023)
- Member, College of Health Sciences Faculty Search Committee Diversity Training Team (part of UD ADVANCE) (2017).
- Member, Search Committee, College of Health Sciences Grant Writer (2017)

University Service

- Internal Reviewer, Continuing Track faculty member promotion to Associate
- Member, Search Committee, 3 Faculty in the Institute for Community Mental Health (2024-5)
- Grant Reviewer, Delaware Center for Translational Research (ACCEL CTR)(2018, 2021, 2022, 2024)
- Member, Faculty Advisory Committee, UD Center for Human Research Coordination (CHRC)(2023-present)
- Grant Reviewer; University of Delaware Research Foundation (2023)
- Member, Search Committee, Psychological and Brain Sciences Clinic Director (2022-3)
- Member, Data Safety Monitoring Board (2020-5)(NIH 1R01HD098525-01A1. Intervening With Opioid-Dependent Mothers Living In Poverty: Effects On Mothers' And Infants' Behavioral And Biological Regulation (PI: Mary Dozier, Ph.D., UD Dept. of Psychological and Brain Sciences).
- Member, Search Committee, Faculty member in Dept. of Psychological and Brain Sciences (2019)
- Lecturer for "Brain Camp," part of an NSF TRACK-2 EPSCoR grant to build a pipeline of historically under-represented undergraduates applying to graduate school in brain sciences (2018, 2019).

Community Service

- (2024-2026) School Council Member, Newark Charter School.
- (2017-2022) Founding Member, Christiana Care Memory Ambassadors Program (community memory screenings for seniors)
- (2015-2019) Blue-Gold Game Volunteer, Delaware Foundation Reaching Citizens with Intellectual Disabilities (dfrc).
- (2004-2019) Volunteer, Mary Campbell Center (Wilmington, DE) for adults with neurodevelopmental disabilities.

Press, Media, and Similar Dissemination

2026 University of Delaware Magazine article: <https://www.udel.edu/udaily/2026/february/ud-magazine-winter-2026-alzheimers-research-cover-story/>

2025 Invited Speaker to the ASHA Special Interest Group (SIG) 15 Live Journal Club (August)

2025 Article in Morning Star (Sussex Co., DE publication) about foundation-funded research <https://starpublications.online/funding-a-cure-cf-fund-grants-over-6m-for-alzheimers-research/>

2024 Interviewed for The Ohio State University's alumni magazine. Article titled "Community of Hope" about the OSU Aphasia Initiative.

2023 Radio Interview on WDEL's "Del-AWARE with Peter MacArthur" about the Delaware Center for Cognitive Aging Research (10/19/23).
<https://sites.udel.edu/memory-research/news/>

2023 UDaily Article: Promoting Brain Health. <https://www.udel.edu/udaily/2023/september/delaware-center-for-cognitive-aging-research-brain-health-wellness-program/>

2022 Article in University of Delaware Magazine; 30(3), p.4. "Advancing Alzheimer's Research"
<https://www1.udel.edu/ocm/magazine/UDMagazineV30n3/mobile/index.html>

2022 UDaily Article: "Advancing Alzheimer's Research"
<https://www.udel.edu/udaily/2022/august/delaware-center-cognitive-aging-research-alzheimers-dementia-prevention/>

2021 Invited Speaker to the ASHA Special Interest Group (SIG) 2 Live Journal Club (August)
To discuss: Lanzi, A., Ellison, J., Cohen, M.L. (2021). The "Counseling+" Roles of the Speech-Language Pathologist Serving Older Adults with Mild Cognitive Impairment and Dementia. *Perspectives of the ASHA Special Interest Groups*.

2021 DE-CTR ACCEL "Ask the Researcher"
<https://www.de-ctr.org/category/ask-the-researcher/>

2019 Interview with SpeechPathologyMastersPrograms.com
<https://speechpathologymastersprograms.com/faculty-interviews/matthew-cohen/>

2018 Interview with the Gordon & Betty Moore Foundation
<https://www.moore.org/article-detail?newsUrlName=beyond-the-lab-matthew-l.-cohen-ph.d>