

MATTHEW LAWRENCE 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- **Associate Director**, 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

- 2022 Selected to attend (with partial funding) the National Institute on Aging / American Geriatrics Society conference on resilience in aging.
- 2020-21 Invited ad hoc grant reviewer, Netherlands Organization for Health Research and Development (ZonMw).
- 2020 Selected to join the NIH's Early Career Reviewer program.

2020 Invited to join the Communications Working Group of the NIH (NINDS/NICHD) Rehabilitation Common Data Elements Project.

2017 Selected to attend the 2017 Training in Grantsmanship for Rehabilitation Research (TIGRR) workshop (workshop funded by NICHD #T15HD074546)

2016 Member of the Delaware State Task Force for Alzheimer's Disease and Related Disorders

2014 Recognition of research accomplishment in the Spring 2014 issue of *The Johns Hopkins Memory Disorders Bulletin*

2011 APA Benton-Meier Award for research in neuropsychology; recognition in *The Monitor on Psychology*, 42(11)

Research Support

Active

NIH/COBRE

Accelerated Vascular Aging in Midlife as a Mechanism Linking Daily Stress to Cognitive Decline (PI: Greaney)

Project goals: to evaluate whether and to what extent mitochondrial-derived reactive oxygen species (mtROS) – induced impairments in peripheral endothelium-dependent dilation mediate the relationship between daily stress and cognitive variability in middle-aged adults.

Role: Co-Mentor

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

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/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

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

02/01/2022 – 01/01/2027

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).

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/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

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)

Completed

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

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: \$100,000

6/1/21 – 5/31/22

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

12/01/17-02/28/23

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

Measuring Symptom Clusters in People With Sudden-Onset Disabilities (PI: Tulskey)

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

Matthew L. Cohen, Ph.D.

Total Direct Costs: \$398,720

Date: 7/22/20 – 6/30/22

NIH/NINDS F31 NS111806-01A1

Factors Impacting Locomotor Learning Following Stroke (Trainee: French)

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

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

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

Peer-Reviewed Publications (*denotes trainee)

1. Tyner, C.E., Boulton, A.J., Slotkin, J., **Cohen, M.L.**, Weintraub, S., Gershon, R.C., Tulsy, D.S. (Accepted). Exploring symptom clusters in Mild Cognitive Impairment and Dementia with the NIH Toolbox. *Journal of the International Neuropsychological Society*.

2. 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. (In Press). Development of Emerging Best Practices for Proxy-Reported Measures: An ISOQOL Task Force Initiative. *Journal of Patient-Reported Outcomes*.
3. **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>
4. 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
5. 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>.
6. *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
7. Lanzi, A., Saylor, A.K.* , **Cohen, M.L.** (2022). Current Practices of Speech-Language Pathologists Serving Older Adults with Mild Cognitive Impairment or Early-Stage Dementia from AD: Survey Results. *American Journal of Speech-Language Pathology*, 31(4), 1653-1671. https://doi.org/10.1044/2022_AJSLP-21-00266.
8. 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*. <https://doi.org/10.1016/j.apmr.2021.10.005>.
9. **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
10. 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
11. **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.
12. French, M.A.* , **Cohen, M.L.**, Pohlig, R.T., Reisman, D.S. (2021). Fluid Cognitive Abilities are Related 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.
13. 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., Sebille, 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>
14. 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
15. **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.
16. 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.

17. **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>.
18. 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>
19. 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>
20. **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.
21. **Cohen, M.L.**, Kisala, P.A., Boulton, A.J., Carlozzi, N.E., Cook, C.V., & Tulskey, 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>.
22. **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
23. **Cohen, M.L.**, Tulskey, 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
24. Kisala, P.A., Boulton, A.J., **Cohen, M.L.**, Slavin, M.D., Jette, A.M., Charlifue, S., Hanks, R., Mulcahey, M.J., Cella, D., Tulskey, 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>.
25. **Cohen, M.L.**, Holdnack, J.A., Kisaka, P.A., & Tulskey, D.S. (2018). A Comparison of PHQ-9 and TBI-QOL Depression Measures among Individuals with Traumatic Brain Injury. *Rehabilitation Psychology*, 63(3), 365-371. <http://dx.doi.org/10.1037/rep0000216>
26. Magasi, S., Harniss, M., Tulskey, D.S., **Cohen, M.L.**, Heinemann, A. (2017). Test Accommodations for Individuals with Neurological Conditions Completing the NIH Toolbox – Cognition Battery: An Evaluation of the Frequency and Appropriateness. *Rehabilitation Psychology*, 62 (4), 455-463. <http://dx.doi.org/10.1037/rep0000191>
27. Tulskey, D.S., Holdnack, J.A., **Cohen, M.L.**, Heaton, R. K., Carlozzi, N., Wong, A. W. K., Boulton, A. J., & Heinemann, A. (2017). Factor Structure of the NIH Toolbox Cognition Battery in Individuals with Acquired Brain Injury. *Rehabilitation Psychology*, 62 (4), 435-442. <http://dx.doi.org/10.1037/rep0000183>
28. **Cohen, M.L.**, Tulskey, D.S., Holdnack, J.A., Carlozzi, N.E., Wong, A., Magasi, S., Heaton, R.K., & Heinemann, A. (2017). Cognition among Community-Dwelling Individuals with Spinal Cord Injury: An Investigation Using the NIH Toolbox – Cognitive Battery. *Rehabilitation Psychology*, 62 (4), 425-434. <http://dx.doi.org/10.1037/rep0000140>.
29. **Cohen, M.L.**, Kisala, P., Dyson-Hudson, T., & Tulskey, D.S. (2017). Measuring Pain Phenomena After Spinal Cord Injury: Development and Psychometric Properties of the SCI-QOL Pain Interference and Pain Behavior Assessment Tools. *Journal of Spinal Cord Medicine*. <http://dx.doi.org/10.1080/10790268.2017.1279805>.
30. Papafragou, A., Friedberg, C., & **Cohen, M.L.** (2017). The Role of Speaker Knowledge in Children’s Pragmatic Inferences. *Child Development*, 89(5), 1642-1656. <https://doi.org/10.1111/cdev.12841>
31. Papafragou, A., Fairchild, S., **Cohen, M.L.**, & Friedberg, C. (2017). Learning Words from Speakers with False Beliefs. *Journal of Child Language*, 44(4), 905-923. <http://dx.doi.org/10.1017/s0305000916000301>.
32. Puente, A.N., **Cohen, M.L.**, Aita, S., & Brandt, J. (2016). Behavioral Ratings of Executive Functioning Explain Instrumental Activities of Daily Living Beyond Test Scores in Parkinson’s Disease. *The Clinical Neuropsychologist*, 30(1), 95-106. <http://dx.doi.org/10.1080/13854046.2015.1133847>

33. **Cohen, M.L.**, Schwab, N., Price, C.C., & Heilman, K.M. (2015). Impaired switching from self-prepared actions in mild Parkinson's disease. *Journal of Parkinson's Disease*, 5(4), 961-970. <http://doi.org/10.3233/JPD-150672>.
34. **Cohen, M.L.**, Aita, S., Mari, Z. & Brandt, J. (2015). The unique and combined effects of apathy and depression on cognition in patients with Parkinson's disease. *Journal of Parkinson's Disease*, 5(2), 351-359. <http://doi.org/10.3233/JPD-140484>.
35. **Cohen, M.L.**, Testa, S. M., Pritchard, J., Zhu, J., Hopp, J. (2014). Overlap between dissociation and other psychological features in patients with psychogenic non-epileptic seizures. *Epilepsy & Behavior*, 34, 47-49. <http://dx.doi.org/10.1016/j.yebeh.2014.03.001>
36. Zlatar, Z. Z., McGregor, K. M., Dzierzewski, J. M., Bauer, A., Phan, S., Towler, S., **Cohen, M.L.**, Marsiske, M., Manini, T.M., Crosson B. (2013). Functional language networks in sedentary and physically active older adults. *Journal of the International Neuropsychological Society*, 19(6), 625-634. <http://dx.doi.org/10.1017/s1355617713000246>.
37. **Cohen, M.L.**, Heaton, S. C., Ginn, N., & Eyberg, S. (2012). Parent-Child Interaction Therapy for the management of behaviors following pediatric traumatic brain injury. *Journal of Pediatric Psychology*, 37(3), 251-261. doi:10.1093/jpepsy/jsr086. <https://doi.org/10.1093/jpepsy/jsr086>. PMID: 22004884.
38. Meinzer, M., Seeds, L., Flaisch, T., Harnish, S., **Cohen, M.L.**, McGregor, K. M., Conway, T., Benjamin, M., & Crosson, B. (2012). Impact of changed positive and negative task-related functional activity on word retrieval in aging. *Neurobiology of Aging*, 33(4), 656-659. <https://doi.org/10.1016/j.neurobiolaging.2010.06.020>. PMID: 20696496.
39. Kwon, J.C., **Cohen, M.L.**, Williamson, J. B., Burtis, B., & Heilman, K. M. (2011) Bimanual-vertical hand movements. *Journal of the International Neuropsychological Society*, 17, 732-739. <http://dx.doi.org/10.1017/s135561771100066x>
40. **Cohen, M.L.**, Rozensky, R. H., Zlatar, Z., Averbuch, R., & Cibula, J. (2010). Presentation of post-traumatic stress disorder due to the misattribution of seizure-related experiential responses. *Epilepsy & Behavior*, 19, 652-655. <https://doi.org/10.1016/j.yebeh.2010.09.029>. PMID: 21035405
41. **Cohen, M.L.**, Burtis, B., Williamson, J. B., Kwon, J. C., & Heilman, K. M. (2010). Action-intentional spatial bias in a patient with posterior cortical atrophy. *Neurocase*, 16(6), 529-534 <https://doi.org/10.1080/13554794.2010.487827>. PMID: 20672222

Book Chapters and Other Publications

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.

Recent Conference Presentations (*denotes trainee)

- 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., Rittereiser, 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, Nov). Are Speech-Language Pathologists Using PROMs for Adult Clients with Cognitive-Linguistic Difficulties? Abstract presented at 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. Abstract submitted to the 2023 Annual Convention of the American Speech-Language-Hearing Association, Boston.
- Cohen, M.L.**, Lanzi, A.M., Saylor, A.K., Boulton, A.J., Rittereiser, J.C., Ritona, M.K., Ellison, J.M. (2023, Nov). Adults Who Screen Positive for Cognitive Impairment: Predictors of Follow-Up. Abstract submitted to the 2023 Annual Conference of the Gerontological Society of America, Tampa.
- 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.
- 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.
- 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.
- 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 to be presented at the 2022 Annual Conference of the International Neuropsychological Society.
- 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. (Submitted). 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 submitted for the 2021 Annual Convention of the American Speech-Language-Hearing Association.

- 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.
- Bahls, J., McCauley, J., Palmer, K., **Cohen, M.L.** McGinley, K. (2021, submitted). 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. (Submitted). Hippocampal Viscoelasticity is Association with Risk of Mild Cognitive Impairment. International Society for Magnetic Resonance in Medicine, Vancouver.
- French, M.A.*, **Cohen, M.L.**, Pohlig, 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.**, Pohlig, 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.

Invited Talks

- Cohen, M.L.**, (2023, Nov). Brain Health and Aging. Friends of the UD Library Annual Faculty Lecture; 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.

Ad Hoc Reviewer

The Journal of Prevention of Alzheimer's Disease
American Journal of Speech-Language Pathology (reviewer + Guest Editor)
Journal of Alzheimer's Disease
Journal of the International Neuropsychological Society
Journal of Patient-Reported Outcomes
Applied Neuropsychology
Rehabilitation Psychology
Quality of Life Research
Journal of Alzheimer's Disease
Parkinsonism and Related Disorders
The Cleft Palate – Craniofacial Journal [methods reviewer]
Neurocase

Press and Similar Dissemination

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>