

# MATTHEW LAWRENCE COHEN

## Curriculum Vitae

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### Contact Information

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Department of Communication Sciences and Disorders  
University of Delaware STAR Tower  
100 Discovery Blvd, Room 634; 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.)

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### Positions

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- 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
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### Education

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- 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
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### Awards and Honors

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- 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.

2020-21 Member of the Communications Working Group of the NIH (NINDS/NICHD) Rehabilitation Common Data Elements Project.  
 2018 Selected to attend the University of Delaware's NIH Proposal Academy, a grant writing mentorship program.  
 2018 Recognition of research accomplishment in the January 2018 newsletter of the National Institute on Disability, Independent Living, and Rehabilitation (NIDILRR).  
 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)

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## Research Support

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### Active

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

American Heart Association – Postdoctoral Fellowship

*The Heart and Brain Connection in Chronic Kidney Disease (Trainee: Ninette Shenouda, Ph.D; Primary Mentor: Dave Edwards, Ph.D.)*

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

Role: Co-Mentor / Consultant

4/1/21-3/31/23

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: \$130,000

6/1/21 – 5/31/23

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).*

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.

Matthew L. Cohen, Ph.D.

Role: Co-Investigator  
Total direct costs: \$1,953,317  
4/1/20 – 3/31/25

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- 12/4/22

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

### **Completed**

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

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

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/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

Matthew L. Cohen, Ph.D.

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

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#### Peer-Reviewed Publications (\*denotes trainee)

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1. Lanzi, A.M., Saylor, A.K.\*, Dedrick, R.F., Bourgeois, M.S., & **Cohen, M.L.** (Accepted). The Functional External Memory Aid Tool Version 2.0: A How-To Clinical Guide. *American Journal of Speech-Language Pathology*
2. Lanzi, A.M., 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](https://doi.org/10.1044/2022_AJSLP-21-00266).
3. 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>.
4. **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](https://doi.org/10.1044/2021_JSLHR-21-00071)
5. 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
6. **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.
7. 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.
8. 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., Sebillé, 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>
9. 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
10. **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.
11. 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.
12. **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>.

13. 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>
14. 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>
15. **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](https://doi.org/10.1044/2019_AJSLP-19-00076).
16. **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>.
17. **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](https://doi.org/10.1044/2018_JSLHR-L-18-0215)
18. **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](https://doi.org/10.1044/2018_JSLHR-L-18-0074)
19. 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>.
20. **Cohen, M.L.**, Holdnack, J.A., Kisaka, P.A., & Tulsy, 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>
21. Magasi, S., Harniss, M., Tulsy, 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>
22. Tulsy, 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>
23. **Cohen, M.L.**, Tulsy, 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>.
24. **Cohen, M.L.**, Kisala, P., Dyson-Hudson, T., & Tulsy, 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>.
25. 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>
26. 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>.
27. 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>
28. **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>.
29. **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>.
30. **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>
31. 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>.
32. **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.
33. Meinzer, M., Seeds, L., Fleisch, 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.

34. 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>
35. **Cohen, M.L.**, Rozensky, R. H., Zlata, 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
36. **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

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### Manuscripts Under Review, Under Revision, or In Preparation (\*denotes trainee)

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Lanzi, A.M., Saylor, A.K., Fromm, D., MacWhinney, B., & **Cohen, M.L.** (Under Revision). DementiaBank: Theoretical Rationale, Protocol, and Illustrative Analyses.

Delgorio, P.L., Hiscox, L.V., McIlvain, G., Kramer, M.K., Diano, A. M., Twohy, K.E., Merritt, A.A., McGarry, M.D.J., Schwab, H. Daugherty, A.M., Ellison, J. M., Lanzi, A.M., **Cohen, M.L.**, Martens, C.R., Johnson, C.L. (Under Revision). Hippocampal Subfield Viscoelasticity in Amnesic Mild Cognitive Impairment Evaluated with MR Elastography.

**Cohen, M.L.**, Harnish, S., Lanzi, A., Brello, J., Hula, W.D., Victorson, D., Nandakumar, R., Kisala, P.A., Tulsy, D.S. (Under Revision). 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*

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### Book Chapters and Other Publications

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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.

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### Conference Presentations (\*denotes trainee)

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- 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.
- 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.
- 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. (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 presented at 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). 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.**, 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.
- 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.**, & Tulskey, D.S. (2018, Oct.). Assessment of patient-reported outcomes in individuals with cognitive and communication disorders. Symposium presentation (also 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., Tulskey, D. (2017, Feb.). Psychosocial Challenges Affecting Patients with Major Limb Trauma. Poster presented at the 2017 Annual Rehabilitation Psychology Conference, Albuquerque
- Cohen, M.L.**, Tulskey, 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.
- Tulskey, 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., Tulskey, 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.
- Tulskey, 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., Tulskey, 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.**, Tulskey, 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, Y.L., 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\*
- Zlatar, 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\*

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## Ad Hoc Reviewer

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

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## Service and Professional Membership

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### Professional Membership

APA Divisions 20 (Rehabilitation Psychology) and 40 (Clinical Neuropsychology), International Neuropsychological Society; American Speech-Language-Hearing Association; Academy of Neurologic Communication Disorders and Sciences (ANCDs); International Society of Quality of Life Research; American Congress of Rehabilitation Medicine;



## Professional Service

Mentor, ASHA Mentoring Academic-Research Careers (MARC) Program (2021,2022)  
Mentor, Academy of Neurologic Communication Disorders and Sciences (ANCDS) Student Fellowship Program (2020)  
Program Committee, 2020 Clinical Aphasiology Conference.  
Grant Reviewer, LSVT Global (2019).  
Grant Reviewer, Delaware Center for Translational Research (ACCEL CTR)(2018, 2021, 2022)  
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

## Departmental/College/University Service

Search Committee Member, CSCD Chair Search (2022-3)  
Search Committee Member, Psychological and Brain Sciences Clinic Director (2022-3)  
Chair, CSCD Promotion & Tenure Committee (2022-)  
Chair, CHS Awards Committee (member 2021-2022; Chair 2022-present)  
Search Committee Member, Dean for the College of Health Sciences (2022)  
Member, UD Translational Research Task Force (oversee Maggie E. Neumann Health Sciences Research Fund)  
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, Working Group to form an interdisciplinary Ph.D. program in Neuroscience at UD. (2020-21)  
Search Committee, Faculty member in Dept. of Psychological and Brain Sciences (2019)  
College of Health Sciences Awards Committee (2019-)  
Lecturer for "Brain Camp," part of a NSF TRACK-2 EPSCoR grant to build a pipeline of historically under-represented undergraduates applying to graduate school in brain sciences (2018, 2019).  
College of Health Sciences Research Advisory Committee (2018-)  
Search Committee, Lab Coordinator (Vascular Aging Laboratory in KAAP)(2017)  
College of Health Sciences Faculty Search Committee Diversity Training Team (part of UD ADVANCE) (2017).  
Search Committee, College of Health Sciences Grant Writer (2017)  
Search Committee, CSCD Faculty (2016-17) (4 positions) (2016)  
Faculty Lead, CSCD Capstone Project (2016-)

## Community Service

(2017-present) Member, Christiana Care Memory Ambassadors Program (community memory screenings for seniors)  
(2016-17) Committee member, Delaware State Plan to Address Alzheimer's Disease and Related Disorders.  
(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.

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## Press and Similar Dissemination

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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>