**Tara C. Carlisle, M.D., Ph.D.**

*Curriculum Vitae*

**Current Position** Assistant Professor of Neurology

University of Colorado School of Medicine

**Academic Address** University of Colorado School of Medicine

Department of Neurology

12469 E. 17th Place

Mail Stop F429

Aurora, Colorado 80045

**Clinical Address** Central Park Behavioral Neurology Clinic

3055 Roslyn Street Suite 120

Denver, CO 80238

**Education**

2002-2005 B.A. Molecular, Cellular, and Developmental Biology with minor in Religious

Studies, *Summa Cum Laude,* University of Colorado Boulder, College of

Arts and Sciences, Boulder, Colorado

2007-2016 M.D./Ph.D. University of Colorado School of Medicine, University of Colorado

Graduate School, Neuroscience Program, Anschutz Medical Campus,

Aurora, Colorado

**Postgraduate Training**

2016-2017 Internship Internal Medicine, University of Colorado, Anschutz Medical Campus,

Aurora, Colorado

2017-2020 Residency Neurology, Mass General Brigham (Partners), Boston, Massachusetts

2020-2022 Fellowship Behavioral Neurology & Neuropsychiatry, University of Colorado

Anschutz Medical Campus, Aurora, Colorado

**Academic Positions**

2022-present Asst Prof Department of Neurology, University of Colorado School of Medicine,

Anschutz Medical Campus, Aurora, Colorado

**Honors, Special Recognitions, and Awards**

2012 Outstanding Service to the University as an Individual for 2011-2012, Anschutz

Medical Campus, Aurora, Colorado

2012 Society for Neuroscience Graduate Student Travel Award ($1000)

2013 M.D./Ph.D. National Student Conference Diversity Travel Award ($500)

2014 P.E.O. Scholars Award ($15,000)

2014 Clinical Translational Science PhD Certificate, Colorado Clinical and Translational Science Institute, University of Colorado Graduate School

2020 Clinical Investigation Certificate Program, Partners Neurology Residency

2021 American Academy of Neurology 2021 Futures in Neurologic Scholar

Scholarship

2022-2024 Clinical Faculty Scholars Program

**Professional Society Membership**

2009-2016 Society for Neuroscience

2009-2016 Rocky Mountain Regional Neuroscience Group

2015-present *Alpha Omega Alpha*

2016-present American Academy of Neurology

2020-present American Neuropsychiatric Association

2020-present University of Colorado Movement Disorder Center

2024-present Society for Cognitive and Behavioral Neurology

**Major Committee and Service Responsibilities**

**University of Colorado Anschutz Medical Campus**

2024-present Dementia and Neurodegenerative Disorder Specialist for Media

Communications, Office of Communications

**University of Colorado Neurology Department**

2022-present University of Colorado Behavioral Neurology & Neuropsychiatry Fellowship Admission Committee

2023-present University of Colorado Behavioral Neurology & Neuropsychiatry Fellowship Assistant Program Director

2024-present University of Colorado Department of Neurology, Advanced Practice Provider Promotion Committee Reviewer

2024-present University of Colorado Department of Neurology, Movement Disorders Center, Faculty Recruitment Interviewer

**University of Colorado Neurosurgery Department**

2024-present University of Colorado Department of Neurosurgery, Division of Neuropsychology, Faculty Recruitment Interviewer

**National / International**

2023-present The Journal of Neuropsychiatry and Clinical Neurosciences Reviewer

2023-present Frontiers in Neuroscience, Neurodegeneration Section Reviewer

**Licensure and Board Certification**

2016-2017, 2020-present Medical License, State of Colorado

2017-2020 Medical License, State of Massachusetts

2020-present Board Certification, American Board of Neurology and Psychiatry

2022-present Board Certification, Behavioral Neurology & Neuropsychiatry

**Extramural Lectures and Presentations**

**Regional**

1. Invited speaker. *A simple case of altered mental status?* Invited Case Presentations from Multidisciplinary Neuroscience Groups, Boston Society of Neurology, Neurosurgery, and Psychiatry, Boston, Massachusetts, September 2018.
2. Invited speaker. *Neurological basis of delusional infestation.* Colorado Mental Health Institute, Pueblo, Colorado (via Zoom), August 2020.
3. Invited speaker. *B12 and brains.* Colorado Mental Health Institute, Pueblo, Colorado (via Zoom), December 2020.
4. Invited panel speaker. *Other dementias panel: what is Lewy Body dementia*. Rocky Mountain Conference on Dementia, Alzheimer’s Association (via Zoom), April 2021.
5. Invited speaker. *How to age successfully: a discussion on cognitive resiliency*. University of Colorado AMC Multidisciplinary Center on Aging, University of Colorado Colorado Springs (via Zoom), May 2021.
6. Invited speaker. *How to age successfully: a discussion on cognitive resiliency*. Colorado Mental Health Institute, Pueblo, Colorado (via Zoom), May 2021.
7. Invited speaker. *Is this neurologic or psychiatric? A case of behavioral variant frontotemporal dementia versus phenocopy*. Colorado Mental Health Institute, Pueblo, Colorado (via Zoom), July 2021.
8. Invited speaker: *Not All Is As It Seems: Hallucinations and Delusions in Parkinson’s Disease*. Parkinson Association of the Rockies, Grand Junction, Colorado, June 2022.

**National**

1. Invited panel speaker: *Monoclonal Amyloid Antibody Therapies for Alzheimer Disease: Promise and Pitfalls*. American Neuropsychiatry Association 34th Annual Conference, Houston, Texas, March 2024.
2. Invited panel speaker: *Adults with Intellectual Disability Panel: Introduction to Cognitive Decline Evaluation*. American Academy of Neurology 2024 Annual Meeting, Denver, Colorado, April 2024.

**Intramural Lectures and Presentations**

1. Invited speaker. *A 64 year-old man with progressive visual complaints, increased thirst and urination, and memory difficulties*. Neuropathology Conference, Brigham and Women’s Hospital, Boston, Massachusetts, March 2019.
2. Invited speaker. *A 48 year-old man presents with progressive muscle weakness and pain*. Neuropathology Conference, Brigham and Women’s Hospital, Boston, Massachusetts, April 2019.
3. Invited speaker. *Sympathetic skin response*. Neuromuscular Section Lecture Series, VA Boston Healthcare System, Boston, Massachusetts, May 2019.
4. Invited speaker. *Resiliency*. Cognitive and Behavioral Neurology Case Conference, Brigham and Women’s Hospital, Boston, Massachusetts, May 2019.
5. Invited speaker. *Cognitive resiliency in Parkinson’s disease*. Certificate Program Lecture Series, Partners Neurology, Boston, Massachusetts, May 2020.
6. Invited panel member.*You’ve got nerve (trivia game).* Grand Rounds, University of Colorado AMC Neurology Department, Aurora, Colorado (via Zoom), October 2020.
7. Invited speaker. *Development and validation of a clinical predictor tool for cognitive decline in Parkinson’s disease.* Movement Disorders Center, University of Colorado AMC, Aurora, Colorado (via Zoom), June 2021.
8. Invited speaker. *Predicting cognitive decline in Parkinson’s disease.* Behavioral Neurology and Neuropsychiatry Monthly Section Meeting, University of Colorado AMC, Aurora, Colorado (via Zoom), June 2021.
9. Invited speaker. *What is Lewy Body dementia*? University of Colorado Alzheimer’s and Cognition Center Participant Appreciation Event (via Zoom), October 2021.
10. Invited speaker. *Role of estrogen in cognitive reserve*. Investigations in Metabolism, Aging, Gender and Exercise Scientific Advancement, University of Colorado AMC Internal Medicine Department, Geriatrics Division, February 2023.
11. Invited speaker. *Sex differences in Alzheimer's disease: What about cognitive reserve?* Grand Rounds, University of Colorado AMC Neurology Department, Aurora, Colorado (via Zoom), April 2023.

**Teaching/Mentoring Activity**

**Medical Students**

2023-present Behavioral Neurology Clinic Faculty Preceptor, University of Colorado School of Medicine

2024-present Mentored Scholarly Activity Primary Mentor, University of Colorado School of Medicine

**House Officers/Fellows**

2021 Lecturer, *Behavioral Variant Frontotemporal Dementia vs Phenocopy*,Neurology

Residency Didactics Fellow Lecture Series, University of Colorado School of Medicine

2021 Lecturer, *Corticobasal Syndrome: A Lesson on Apraxia*,Neurology Residency Didactics

Fellow Lecture Series, University of Colorado School of Medicine

2021-present Faculty Neurology Resident Clinic Preceptor, University of Colorado School of Medicine

2022-present Behavioral Neurology Clinic Faculty Preceptor – BNNP Fellows, University of Colorado School of Medicine

2023-present Behavioral Neurology Clinic Faculty Preceptor – Neurology Residents, University of Colorado School of Medicine

**Research**

12/2022 Colorado Clinical and Translational Sciences Institute, Research Studio Program, Expert Panelist, University of Colorado Anschutz Medical Campus

**Grant Support**

**Investigator Initiated**

2010-2011 *Role of gap junctions in activity-dependent development of the nervous system*, TL1 (T32) NIH/NCATS UL1 TR002535, PI: Ronald J. Sokol

2011-2014 *Embryonic Expression and Roles of Neuronal Connexin 35 in Zebrafish Spinal Cord*, F31 NIH 1F31NS076010-01, PI: Tara C. Martin (Carlisle)

2020-2023 *Development and validation of a clinical predictor tool for cognitive decline in Parkinson’s Disease*, University of Colorado Movement Disorders Center Pilot Grant Award

2022-2023 *Development of a Clinical Predictor Tool Using Modifiable Cognitive Decline Risk Factors and Exploring Cognitive Resiliency in Parkinson’s Disease*, University of Colorado School of Medicine Neurology Department Intradepartmental Grant

**Bibliography**

**Peer-Reviewed Publications/Abstracts:**

* + - 1. **Carlisle TC**. Frontotemporal Dementia. In: Reference Module in Neuroscience and Biobehavioral Psychology [Internet] Amsterdam, The Netherlands: Elsevier Inc.; 2024. Available from: https://doi.org/10.1016/B978-0-323-95702-1.00120-2.
      2. Macchi ZA, **Carlisle TC**, Filley CM. Prognosis in substance abuse-related acute toxic leukoencephalopathy: A scoping review. *J Neurol Sci*. Nov 15 2022;442:120420. doi:10.1016/j.jns.2022.120420
      3. **Carlisle TC**, Fought AJ, Olson KE, et al. Original research: longitudinal evaluation of cognitively demanding daily function using performance-based functional assessment highlights heterogeneous trajectories in cognitive and functional abilities in people with Parkinson's disease. *Front Neurosci*. 2023;17:1200347. doi:10.3389/fnins.2023.1200347 PMID:PMC10330725
      4. **Carlisle TC**, Medina LD, Holden SK. Original research: initial development of a pragmatic tool to estimate cognitive decline risk focusing on potentially modifiable factors in Parkinson’s disease. *Front Neurosci*. 2023;17:1278817doi:10.3389/fnins.2023.1278817
      5. **Carlisle TC**, Birlea M, Restrepo D, Filley CM. Headache-Associated Phantosmia as a Harbinger of Lewy Body Dementia. *J Neuropsychiatry Clin Neurosci*. Aug 22 2022:appineuropsych21110265. doi:10.1176/appi.neuropsych.21110265
      6. **Carlisle TC**, Olson KE, Carlson NE, Bettcher BM, Holden SK. Developing a Preliminary Parkinson’s Disease Risk Estimator for Decline In Cognition Tool (pPREDICT) as a Practical and Pragmatic Tool to Estimate Risk of Cognitive Decline (P1-1.Virtual). *Neurology*. 2022;98(18\_supplement):3496. doi:doi:10.1212/WNL.98.18\_supplement.3496
      7. **Carlisle TC**, Olson KE, Carlson NE, Bettcher BM, Holden SK. Heterogeneous Longitudinal Cognitive Trajectories in Parkinson’s Disease, in Abstracts Presented at the 33rd Annual Meeting of the American Neuropsychiatric Association. *J Neuropsychiatry Clin Neurosci*. 2022;34(3):278–302. doi:10.1176/appi.neuropsych.20223401
      8. Roeske-Anderson L, Elliott G, **Carlisle TC**, Filley CM. Tree drawing analysis in the evaluation of traumatic brain injury: preliminary observations, in Abstracts Presented at the 33rd Annual Meeting of the American Neuropsychiatric Association. *J Neuropsychiatry Clin Neurosci*. 2022;34(3):278–302. doi:10.1176/appi.neuropsych.20223401
      9. Holden SK, Fought AJ, Olson KE, Lopez-Esquibel N, **Carlisle TC**, Medina LD. Initial longitudinal analyses of objectively assessed cognitive functional abilities in a cohort with Parkinson’s disease, in Abstracts of the MDS Virtual Congress 2021. *Mov Disord*. Sep 2021;36 Suppl 1:S1-S599. doi:10.1002/mds.28794 PMID:34505729
      10. **Carlisle TC**, Fought A, Medina LD, et al. Longitudinal Validity of UCSD Performance-Based Skills Assessment in Parkinson’s Disease (4616). *Neurology*. 2021;96(15\_supplement):4616. doi:doi:10.1212/WNL.96.15\_supplement.4616
      11. **Carlisle TC**, Stanley MPH, Singhal AB, Caplan DN. Clinical Reasoning: An 81-Year-Old Woman Who Insisted the Hospital Was Her Home. *Neurology*. Oct 19 2021;97(16):e1632-e1636. doi:10.1212/WNL.0000000000012392
      12. **Carlisle TC**, Galetta KM, McGinnis SM, Bockow Kaplan T. Clinical Reasoning: A 58-year-old woman presents with progressive memory deficits, odd behavior, and falls. *Neurology*. Feb 4 2020;94(5):e557-e561. doi:10.1212/WNL.0000000000008896
      13. **Carlisle TC**. *Danio rerio (zebrafish) connexin 35b developmental expression and modulation of spinal cord spontaneous activity*. Dissertation. University of Colorado Anschutz Medical Campus Graduate School; 2014. https://doi.org/10.25677/n6tw-vm55
      14. **Carlisle TC**, Ribera AB. Connexin 35b expression in the spinal cord of Danio rerio embryos and larvae. *J Comp Neurol*. 2014;522(4):861-875. doi:10.1002/cne.23449
      15. **Martin (Carlisle) TC**, Ribera AB. Lessons from Zebrafish: Ion Channels Guide Neuronal Development. In: Rubenstein JLR, Rakic P, eds. *Cellular Migration and Formation of Neuronal Connections: Comprehensive Developmental Neuroscience* Elsevier; 2013 791-809:chap 42.

**Complete List of Published Work in MyBibliography:**

https://www.ncbi.nlm.nih.gov/myncbi/tara.carlisle.1/bibliography/public/