

Curriculum Vitae
Katherine A. Gifford, PsyD
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Academic Training:

5/2002 BA	Skidmore College, Saratoga Springs, NY, Psychology
12/2007 MS	Florida Institute of Technology, Melbourne, FL, Clinical Psychology
10/2010 PsyD	Florida Institute of Technology, Melbourne, FL, Clinical Psychology

Additional Training:

9/2009-8/2010	Internship in Neuropsychology, Henry Ford Health System, Detroit, MI
9/2010-12/2011	Postdoctoral Fellowship in Neuropsychology, Boston University, Boston, MA
1/2012-6/2013	Postdoctoral Fellowship in Neuropsychology, Vanderbilt University, Nashville, TN

Academic Appointments:

6/2013-10/2015	Research Assistant Professor of Neurology, Vanderbilt University Medical Center, Nashville, TN
11/2015-3/2024	Assistant Professor of Neurology, Vanderbilt University Medical Center, Nashville, TN
9/2016-8/2024	Adjunct Assistant Professor of Psychology, Vanderbilt University, Nashville, TN
4/2024-8/2024	Associate Professor (with Tenure), Vanderbilt University Medical Center, Nashville, TN
9/2024-current	Associate Professor, Department of Anatomy & Neurobiology, Boston University Chobanian & Avedisian School of Medicine, Boston MA

Hospital Appointments or Other Employment:

2013-present	Neuropsychologist, Department of Neurology, Vanderbilt Medical Group, Vanderbilt University Medical Center, Nashville, TN
2016-2019	Assistant Neuropsychologist, Nashville Predators National Hockey League, Nashville, TN
2016-2019	Assistant Consulting Neuropsychologist, Tennessee Titans, National Football League
2018-current	Team Neuropsychologist, Nashville Soccer Club (MLS)
2019-current	Team Neuropsychologist, Nashville Predators National Hockey League, Nashville, TN
2019-current	Consulting Neuropsychologist, Tennessee Titans, National Football League, Nashville, TN
2019-current	Consulting Neuropsychologist: Tennessee Tech, University of Tennessee

Honors:

Institutional

2000-2002	Dean's List, Skidmore College
2004, 2005	Department of Veteran's Affairs Special Contribution Award
2005	University Graduate Scholar, Florida Institute of Technology
2006	Juanita N. Baker Scholarship, Florida Institute of Technology
2006	Outstanding Graduate Student of the Year, Florida Institute of Technology
2006	Byrd Grant Scholarship, Florida Institute of Technology
2006, 2008	Psychometrist of the Month, East Central Florida Memory Clinic
2009	Elizabeth B. Wolf Outstanding Clinical Psychology (PsyD) Student

Regional

2013	Pilot Grant, Vanderbilt Memory & Alzheimer's Center, Nashville, TN
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National

2009	National Academy of Neuropsychology Student Poster Award
2011	Ruth L. Kirschstein National Research Service Award (T32), National Institute on Aging
2011	Invited Attendee of NIA Summer Institute on Aging Research
2011-2012	Junior Investigator Award, National Alzheimer's Coordinating Center
2011-current	Loan Repayment Program, National Institute on Aging, Bethesda, MD
2013-2015	Building Interdisciplinary Research Careers in Women's Health (BIRCWH): Scholar
2015-2023	Paul B. Beeson Career Development in Aging Award Recipient, National Institute on Aging & American Federation for Aging Research
2017	Charleston Conference on Alzheimer's Disease New Vision Award Researcher
2018-2020	Advanced Research Institute in Geriatric Mental Health Scholar
2020	Keynote Speaker for the Fourteenth Annual Intermountain Traumatic Brain Injury Conference, East Tennessee State University

International

2011	Travel Fellowship Award, 15th International Conference on Alzheimer's Disease
2012	Travel Fellowship Award, 16th International Conference on Alzheimer's Disease
2015	Travel Fellowship Award, 19th International Conference on Alzheimer's Disease

Licenses and Certification:

2013-current	Tennessee Licensed Psychologist-Health Service Provider, License #3078
2024-current	Massachusetts Licensed Psychologist- License pending

Major Administrative Responsibilities:

Vanderbilt University Medical Center, Nashville TN, USA

2020-current	Clinical Core Co-Leader, Vanderbilt Alzheimer's Disease Research Center
2022-current	Co-Director, Vanderbilt Sports Concussion Center

Departmental, School and University Committees:

Vanderbilt University Medical Center

2020-current	Vanderbilt Faculty Research Scholars Review Committee
2021-current	Vanderbilt Edge for Scholars Review Committee

Teaching Experience and Responsibilities:

2013	"What All Older Adults Should Know About Dementia & AD", Lunch and Learn for Vanderbilt Volunteers
2013	"Facts about Dementia & Alzheimer's Disease and Related Research", Brain Health: A Health Expo, Alzheimer's Association; Clarksville, TN
2014	"Alzheimer's Disease Update", Gerontology Continuing Education Program/ Meharry Medical College, Nashville, TN
2014	"What is MCI?" lecture to Vanderbilt Neurology students, residents
2017-2024	"Introduction to Neuropsychology" annual lecture to Vanderbilt Neurology students, residents
2018	"Current Alzheimer's Research", Brain Awareness Week, Belmont University, Nashville, TN
2019	"Assessment in Sports Concussion: An introduction to administering and interpreting SCAT-5", Nashville High School Athletic Training Department
2019-2020	"Concussion & CTE in Sports" annual lecture to Vanderbilt Sports Medicine Fellows

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2019-2024	“Interpreting ImPACT: An Introduction” annual lecture to Vanderbilt Sports Medicine Fellows
2022	“After Concussion: Return to Learn and Play”, Warren County (TN) Schools
2023	“Concussion 101 for Psychiatry” lecture to Psychiatry APP Fellows
2023	“Introduction to Neuropsychology” lecture to Vanderbilt Department of Medicine, Division of Geriatrics Fellows
2023	“MNPS Brown Bag Series: Dealing with Memory Loss in the Primary Care Setting”, Metro Nashville Public Schools, Employee Wellness Center, Nashville TN

Clinical and Research Mentoring Activities:

Mentee, degree(s)	Dates	Collaborative-manuscript or product produced	Mentee Current Position
Undergraduate Students			
Ujwala Pamidimukkala, BS	2019-2021	2 poster presentations, 1 publication	Medical Student
Graduate/Medical Students			
Shereen Haj-Hassan, PhD	2013-2015	Neuropsychology Practicum Student	Licensed Psychologist
Francis Cambroner, PhD	2016-2023	1 co-author publication, 1 publication in preparation	Postdoctoral Fellow
Rebecca Goodridge, MS	2018-2020	Master’s Thesis	Research Coordinator
Megan Ichinose, PhD	2018-2019	Dissertation Committee, Neuropsychology Practicum Student	Postdoctoral Fellow
Corey Bown, PhD	2018-2022	2 co-author publications	Industry
Rachel Do, MD	2019-2020	1 paper presentation	Medical Residency
Brittany Passiak, MD	2019-2019	1 co-author publication	Neurology Residency
Elizabeth Moore, MD, PhD	2019-2022	2 publications, >5 co-author publications	Neurology Residency
Aaron Yengo-Kahn, MD	2019-2022	2 publications	Neurosurgery Fellowship
Qimin Liu, PhD	2020-2021	Neuropsychology Practicum Student	Postdoctoral Fellowship
Jackie Eissman, PhD	2021-2023	2 co-author publications	Industry
Hee Jung, PhD	2021-2023	Neuropsychology Practicum Student	Psychology Intern
Abigail Ciriegio, PhD	2023-present	F31 co-mentor	Psychology doctoral student
Hailey Kresge, MD, PhD	2023-2024	1 paper presentation	PhD Student
Postdoctoral Fellows and Junior Faculty			
Katie Osborn, PsyD	2016-2019	2 co-author publications, Neuropsychology Fellow	Licensed Psychologist
Dami Ko, PhD	2018-2021	2 publications	Assistant Professor (tenure-track)

Mentee, degree(s)	Dates	Collaborative-manuscript or product produced	Mentee Current Position
Derek Archer, PhD	2020-2021	3 publications	Assistant Professor (tenure-track)
Corey Bolton, PsyD	2021-2022	1 paper presentation, 2 publications, Neuropsychology Fellow	Assistant Professor (tenure-track)
Kimberly Albert, PhD	2021-current	Co-Mentor on K01	Assistant Professor
Marissa Gogniat, PhD	2021-2023	1 co-author publication, Neuropsychology Fellow	Assistant Professor (tenure-track)
Kelsie Full, PhD	2022-2024	1 senior-author publication	Assistant Professor (tenure-track)

Other Professional Activities:

Professional Societies: Memberships, Offices, and Committee Assignments:

American Psychological Association - Division 12 Section IX

2009-2011 Student Representative

Tennessee Psychological Association: Neuropsychology Special Interest Group

2020-2023 Secretary

Subjective Cognitive Decline Professional Interest Area, International Society to Advance Alzheimer's Research & Treatment (ISTAART)

2021-2022 Vice Chair

2022-2024 Chair

2024-2026 Immediate Past-Chair

National Academy of Neuropsychology

2017-2020 Grants Review Committee

2020-present Awards Committee

International Neuropsychological Society

2006-present Member

National Academy of Neuropsychology

2006-present Member

American Academy of Clinical Neuropsychology

2013-present Member

The Sports Neuropsychology Society

2021-present Member

Concussion in Sport Group

2023-present Member

Editorial Boards:

2013-present Associate Editor, *Journal of Alzheimer's Disease*

Ad Hoc Reviewing

Neurology; Alzheimer's & Dementia; Alzheimer's & Dementia: Diagnosis, Assessment, & Disease Monitoring; Alzheimer Disease & Associated Disorders; Alzheimer's Research

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&Therapy; Archives of Clinical Neuropsychology; Assessment; Health Psychology; Journal of the International Neuropsychological Society

Major Committee Assignments:

Foundation:

2021-2026 *Subjective Cognitive Decline Professional Interest Area*, ISTAART, Executive Committee

State:

2020-2023 Tennessee Psychological Association: Neuropsychology SIG, Secretary

Study Sections:

National Institutes of Health:

2020-present National Institute on Aging, Beeson K76 Review Committee
2020 National Institute on Aging, Special Emphasis Panel
2021 NIH Healthcare and Health Disparities, Special Emphasis Panel
2021 National Institute on Aging, Special Emphasis Panel
2022 National Institute on Aging, Special Emphasis Panel
2022 National Institute on Aging, Special Emphasis Panel
2022-present National Institute on Aging, Aging Systems and Geriatrics
2023-present NIA GEMSSTAR Review
2024 National Center for Complementary & Integrative Health, SEP
2024 National Institute on Aging, Special Emphasis Panel
2024 National Institute on Aging, Special Emphasis Panel
2024 National Institute on Aging, Special Emphasis Panel

Foundation:

2005-present Alzheimer's Association, Research Grant Program Reviewer
2017-present National Academy of Neuropsychology, Grants Committee
2024 Alzheimer's Association/NACC, New Investigator Award

Institutional:

2020-2024 Vanderbilt Faculty Research Scholars Reviewer
2021-2024 Vanderbilt Edge for Scholars Reviewer
2024 Vanderbilt Institute for Clinical and Translational Research (VICTR), Specific Aims Studio Reviewer
2024 Vanderbilt Institute for Clinical and Translational Research (VICTR), Grant Review Studio Reviewer

Other Support:

Current:

2/15/20-1/30/25 R01 AG062826 PI: Katherine A. Gifford, PsyD
Subjective Cognitive Decline in Older Adults
Cost, Total: \$4,138,680 (direct)
Role: PI

6/1/24-4/30/29 BOLD Grant (CDC) PI: Katherine A. Gifford, PsyD
Building an ECHO program for AD/DRD in the State of Tennessee
Cost, Total: \$325,000 (total) annually

Role: PI

- 6/1/19-5/30/24 Loan Repayment Program PI: Katherine Gifford
Cognitive Complaint and Cognitive Aging
Role: PI
- 9/15/20-5/31/25 U19AG068753 PI: Au/Farrer
Precision Monitoring and Assessment in the Framingham Study: Cognitive, MRI,
Genetic and Biomarker Precursors of AD & Dementia
Role: Co-I
- 6/1/24-5/31/29 R01AG083735 PI: Au/Kolachalama/Lin
Digital Cognitive Assessment of Preclinical Alzheimer's disease and related
dementia
Role: Co-I
- 2/1/21-1/30/25 Alzheimer's Drug Discovery Foundation PI: Au
Alzheimer's Disease Digital Biomarker Discovery: Framingham Cognitive Aging
and Dementia Study
Role: Co-I
- 5/1/21-4/30/25 RF1-AG072654 PI: Au/Goldstein
Precision Brain Health Monitoring for Alzheimer's Disease Risk Detection in the
Framingham Study.
Role: Co-I

Past:

- 2008-2010 Johnnie B. Byrd, Sr. Alzheimer's Center and Research Institute PI: Webbe
Validation of a Visual Rating System to Differentiate Brain MRI for Alzheimer's
Disease and Frontotemporal Dementia
Cost, Total: \$32,000
Role: Co-I/Mentee
- 2011-2012 NACC Jr Invest. Award 2011-J1-08 PI: Katherine Gifford
Subjective Memory Complaint and Cognitive Aging
Cost, Total: \$25,000
Role: PI
- 2011-2011 T32-AG036697 PI: Angela Jefferson
Alzheimer's Disease Translational Research Training
Role: Post-Doctoral Fellow (PI: Jefferson)
- 2013-2014 Vanderbilt Memory and Alzheimer's Center Pilot Grant PI: Gifford
Cognitive Complaints Among Community Adults
Cost, Total: \$5,000
Role: PI
- 2011-2015 NIA Loan Repayment Program PI: Gifford
Cognitive Complaint and Cognitive Aging
Cost, Total: \$105,000
Role: PI
- 2013-2015 K12- HG043483 PI: Hartmann
Building Interdisciplinary Research Careers in Women's Health (BIRCWH)
Scholars Program
Role: Program Scholar

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2013-2016	Alzheimer's Association NIRG-13-283276 PI: Gifford Cognitive Complaints in Community Dwelling Adults Cost, Total: \$87,785 Role: PI
2016-2018	NIA Loan Repayment Program PI: Gifford Cognitive Complaint and Cognitive Aging Cost, Total: \$70,000 Role: PI
2019-2020	R01-DC015997-S1 PI: Wu Cost Effective Hearing and Delivery Models for Older Adults with Dementias and Hearing Loss Role: Co-I
2017-2022	R01-NS100980 PI: Angela Jefferson White matter and small vessel disease in older adults Role: Co-I
2016-2023	Beeson K23-AG045966 PI: Katherine Gifford (now K76 mechanism) Cognitive Complaints in Aging Adults Cost, Total: \$815,120 (direct) Role: PI
8/15/20 -7/31/24	P20-AG068082 PI: Angela Jefferson Vanderbilt Exploratory Alzheimer's Disease Research Center Role: Clinical Core Co-Leader
3/1/11-3/21/25	R01-AG034962 PI: Angela Jefferson Vanderbilt Memory & Aging Project Role: Co-I
9/1/20- 6/30/25	R01-MH123662 PI: Warren Taylor 2/2-Dopaminergic Dysfunction in Late-Life Depression (The D3 Study) Role: Co-I
9/15/21-6/30/26	R01-AG073439 PI: Logan Dumitrescu Sex-Specific Genetic Drivers of Alzheimer's Disease Endophenotypes Role: Co-I
9/30/21-8/31/26	U24-AG074855- PI: Timothy Hohman Genetic Drivers of Resilience to Alzheimer's Disease Role: Co-I
3/1/20-2/28/25	R01AG061161 PI: Hughes Cognitive and Physical Exercise to Improve Outcomes After Surgery in the Elderly Role: Co-I

Invited lectures, conference oral presentations and workshops:

Regional:

2022	<i>Modifying Factors in Sport-Related Concussion</i> , Youth Sports Health & Safety Conference, Nashville TN
2023	<i>Mild TBI: Updates for Clinical and Forensic Practice</i> , Tennessee Psychological Association, Nashville TN
2024	<i>Alzheimer's Disease Biomarker Discovery using Amyloid PET: Framingham Cognitive Aging Study</i> , Framingham Heart Study, Framingham MA

National:

- 2017 *Identification of Early Cognitive Impairment with Subjective Cognitive Decline*, Cognitive Neurology Unit/Center for Noninvasive Brain Stimulation Grand Rounds, Beth Israel Deaconess Medical Center, Boston, MA
- 2019 *Subjective Cognitive Decline in Alzheimer's Disease*, Department of Neurology, Grand Rounds, Mount Sinai, New York, NY
- 2020 *Examining Subjective Cognitive Decline as a Preclinical Marker of AD*, Department of Neurology, Grand Rounds, Indiana University, Indianapolis, IN
- 2020 *Concussion: From Diagnosis to Management*, Fourteenth Annual Intermountain Traumatic Brain Injury Conference, East Tennessee State University, TN (keynote speaker)
- 2020 *Traumatic Brain Injury: Cognitive, Behavioral, and Emotional Consequences*, Fourteenth Annual Intermountain Traumatic Brain Injury Conference, East Tennessee State University, TN (keynote speaker)
- 2021 *Current Diagnostic and Treatment Approaches for Concussion*, 47th Annual Meeting of the Southern Clinical Neurological Society
- 2021 *Balancing Research and Clinical Effort in Academic Medicine*, Advanced Research Institute in Geriatric Mental Health, Webinar Series
- 2022 *A Review of the Most Common Forms of Dementia: Symptoms, Diagnosis and Treatment*, Brookdale Senior Living Continuing Education Series
- 2024 *Early Detection of Alzheimer's Disease*, Department of Anatomy and Neurobiology Seminar Series, Boston University
- 2024 *Update on Assessing Memory Symptoms in Clinic*, 47th Annual Contemporary Clinical Neurology Symposium, Hilton Head SC
- 2024 *Update on Concussion Assessment and Management*, 47th Annual Contemporary Clinical Neurology Symposium, Hilton Head SC

Bibliography: earliest to latest

MyNCBI hotlink: <https://www.ncbi.nlm.nih.gov/myncbi/katherine.gifford.1/bibliography/public/>

*Shared Authorship

†Corresponding author

Mentees names are underlined

Original, Peer Reviewed Articles:

1. Jefferson AL, Carmona H, **Gifford KA**, Lambe S, Byerly LK, Cantwell N, Tripodis Y, Karlawish J. Clinical research risk assessment among individuals with mild cognitive impairment. *American Journal of Geriatric Psychiatry*. 2012; 20(10): 878-886. PMC3411922.
2. **Gifford KA**, Badaracco M, Liu D, Tripodis Y, Gentile A, Lu Z, Palmisano J, Jefferson AL. Blood pressure and cognition among older adults: A meta-analysis. *Archives of Clinical Neuropsychology*. 2013; 28(7): 649-64. PMC3807830.
3. **Gifford KA**, Liu D, Lu Z, Tripodis Y, Cantwell N, Palmisano J, Kowall N, Jefferson AL. The source of cognitive complaints predicts diagnostic conversion differentially among nondemented older adults. *Alzheimer's and Dementia*. 2014; 10(3): 319-27. PMC4064681.
4. **Gifford KA**, Liu D, Damon S, Chapman WG, Romano RR, Samuels LR, Lu Z, Jefferson AL for the Alzheimer's Disease Neuroimaging Initiative. Subjective memory complaint only relates to verbal episodic memory performance in mild cognitive impairment. *Journal of Alzheimer's and Dementia*. 2015; 44(1): 309-18. PMC4351870.

5. **Gifford KA**, Liu D, Carmona H, Lu Z, Romano R, Tripodis Y, Martin B, Kowall N, Jefferson AL. Inclusion of an informant yields strong associations between cognitive complaint and longitudinal cognitive outcomes in non-demented elders. *Journal of Alzheimer's and Dementia*. 2015; 43(1): 121–132. PMC4314962.
6. Jefferson AL, Hohman TJ, Liu D, Haj-Hassan S, **Gifford KA**, Benson EM, Skinner JS, Lu Z, Sparling J, Sumner EC, Bell S, Ruberg FL. Adverse vascular risk is related to cognitive decline in older adults. *Journal of Alzheimer's and Dementia*. 2015; 44(4): 1361-73. PMC4336578.
7. Jefferson AL, **Gifford KA**, Damon SM, Chapman GW, Sparling J, Dobromyslin V, Salat D. Gray & white matter tissue contrast differentiates mild cognitive impairment converters from non-converters. *Brain Imaging and Behavior*. 2015; 9(2): 141-48. PMC4146750.
8. **Gifford KA**,† Phillips JS, Samuels LR, Lane EM, Bell SP, Liu D, Hohman TJ, Romano R, Fritzsche L, Lu Z, Jefferson, AL for the Alzheimer's Disease Neuroimaging Initiative. Associations between verbal learning slope and neuroimaging markers across the cognitive aging spectrum. *Journal of the International Neuropsychological Society*. 2015; 21(6): 455-67. PMC4657447.
9. Hohman TJ, Samuels L, Liu D, **Gifford KA**, Mukherjee S, Benson EM, Abel T, Ruberg FL, Jefferson AL for the Alzheimer's Disease Neuroimaging Initiative. Stroke risk interacts with Alzheimer's disease biomarkers on brain aging outcomes. *Neurobiology of Aging*. 2015; 36(9): 2501-2508. PMC4523400.
10. Rabin LA, Smart CM, Crane PK, Amariglio RE, Berman LM, Boada M, Buckley RF, Dubois B, Ellis KA, **Gifford KA**, Jefferson AL, Jessen F, Katz MJ, Lipton RB, Luck T, Maruff P, Mielke MM, Molinuevo JL, Naeem F, Perrotin A, Petersen RC, Rami L, Reisberg B, Rentz DM, Riedel-Heller SG, Risacher SL, Rodriguez O, Sachdev PS, Saykin AJ, Slavin MJ, Snitz BE, Sperling RA, Tandetnik C, van der Flier WM, Wagner M, Wolfsgruber S, Sikkes SA. Subjective cognitive decline in older adults: An overview of self-report measures used across 19 international research studies. *Journal of Alzheimer's Disease*. 2015; 24(48 Suppl 1): S63-S86. PMC4617342.
11. **Gifford KA**, Liu D, Hohman TJ, Xu M, Han X, Romano RR, Abel T, Jefferson AL. A mutual self- and informant-report of cognitive complaint correlates with neuropathological outcomes in mild cognitive impairment. *PLOS One*. 2015; 10(11): e0141831. PMC4634952.
12. **Gifford KA**,† Liu D, Romano R, Jones R, Jefferson AL. Development of a subjective cognitive decline questionnaire using item response theory: a pilot study. *Alzheimer's & Dementia: Diagnosis, Assessment and Disease Monitoring*. 2015; 1(4): 429-439. PMC4750048.
13. Jefferson AL, **Gifford KA**, Acosta LM, Bell SP, Donahue MJ, Davis LT, Gottlieb J, Gupta DK, Hohman TJ, Lane EM, Libon DJ, Mendes LA, Niswender K, Pechman KR, Rane S, Ruberg FL, Su YR, Zetterberg H, Liu D. The Vanderbilt Memory & Aging Project: Study design and baseline cohort overview. *Journal of Alzheimer's Disease*. 2016; 52(2): 539-559, PMC4866875.
14. Hohman TJ, McLaren DG, Mormino EC, **Gifford KA**, Libon DJ, Jefferson AL. Asymptomatic Alzheimer's disease: defining resilience. *Neurology*. 2016; 87(23): 2443-2450. PMC5177674.
15. Bell SP, Liu D, Samuels LR, Saraf AA, **Gifford KA**, Hohman TJ, Jefferson AL. Late-life body mass index, rapid weight loss, apolipoprotein E ε4 and the risk of cognitive decline and incident dementia. *The Journal of Nutrition, Health, & Aging*, 2017; 12(10): 1259-1267. PMC5736008.

16. Hohman TJ, Dumitrescu L, Oksol A, Wagener M, **Gifford KA**, Jefferson AL for the Alzheimer's Disease Neuroimaging Initiative. APOE allele frequencies in Suspected Non-Amyloid Pathophysiology (SNAP) and the prodromal stages of Alzheimer's disease. *PLOS One*, 2017; 12(11): e0188501. PMC5708777.
17. Jefferson AL, Liu L, Gupta DK, Pechman KR, Watchmaker JM, Gordon EA, Rane S, Bell SP, Mendes LA, Davis LT, **Gifford KA**, Hohman TJ, Wang TJ, Donahue MJ. Lower cardiac index levels relate to lower cerebral blood flow in older adults. *Neurology*, 2017; 89(23): 2327-2334. PMC5719926.
18. Emrani, S, Libon, DJ, Lamar, M, Price, CC, Jefferson, AL, **Gifford, KA**, Hohman, TJ, Nation, DA, Delano-Wood, L, Jak, A, Bangen, KJ, Bondi, MW, Brickman, AM, Manly, J, Swenson, R, Au, R. Assessing working memory in mild cognitive impairment with serial order recall. *Journal of Alzheimer's Disease*, 2018; 61(3): 917-928. PMC5901759.
19. Kresge HA, Khan OA, Wagener MA, Liu D, Terry JG, Nair S, Cambronero F, **Gifford KA**, Osborn KE, Hohman TJ, Pechman KR, Bell SP, Wang TJ, Carr JJ, Jefferson AL. Subclinical compromise in cardiac strain relates to lower cognitive performances in older adults. *Journal of the American Heart Association*, 2018, 7(4). PMC5850190.
20. Moore EE, Liu D, Pechman KP, Terry JG, Nair S, Cambronero FE, Bell SP, **Gifford KA**, Anderson AW, Hohman TJ, Carr JJ, Jefferson AL. Increased left ventricular mass index is associated with compromised white matter microstructure among older adults. *Journal of the American Heart Association*, 2018, 7(13): e009041. PMC6064880.
21. Cambronero FE, Liu D, Neal JE, Moore EE, **Gifford KA**, Terry JG, Nair S, Pechman KR, Osborn KE, Hohman TJ, Bell SP, Sweatt JD, Wang TJ, Beckman JA, Carr JJ, Jefferson AL. APOE genotype modifies the association between central arterial stiffening and cognition in older adults. *Neurobiology of Aging*, 2018, 67: 120-127. PMC5985659.
22. Hohman TJ, Dumitrescu L, Barnes LL, Thambisetty M, Beecham G, Kunkle B, **Gifford KA**, Bush WS, Chibnik LB, Mukherjee S, De Jager PL, Kukull W, Crane PK, Resnick SM, Keene CD, Montine TJ, Schellenberg GD, Haines JL, Zetterberg H, Blennow K, Larson EB, Johnson SC, Albert M, Bennett DA, Schneider JA, Jefferson AL for the Alzheimer's for the Alzheimer's Disease Genetics Consortium and the Alzheimer's Disease Neuroimaging Initiative. Sex-specific effects of Apolipoprotein E on cerebrospinal fluid levels of tau. *JAMA Neurology*, 2018, 75(8): 989-998. PMC6142927.
23. Osborn KE, Samuels LR, Liu D, Moore EE, Cambronero FE, Acosta LMY, Bell SP, Babicz MA, Gordon EA, Pechman KR, **Gifford KA**, Hohman TJ, Blennow K, Zetterberg H, Jefferson AL. Cerebrospinal fluid b-amyloid42 and neurofilament light relate to white matter hyperintensities. *Neurobiology of Aging*, 2018, 68: 18-25. PMC6085839.
24. Moore EE, Hohman TJ, Badami F, Pechman KR, Osborn KE, Acosta LM, Bell SP, Babicz MA, **Gifford KA**, Anderson AW, Goldstein LE, Blennow K, Zetterberg H, Jefferson AL. Neurofilament relates to white matter microstructure in older adults. *Neurobiology of Aging*, 2018, 70: 233-241. PMC6119102.
25. Jefferson AL, Cambronero FE, Liu D, Moore EE, Neal JE, Terry JG, Nair S, Pechman KR, Rane S, Davis LT, **Gifford KA**, Hohman TJ, Bell SP, Wang TJ, Beckman JA, Carr JJ. Higher aortic

stiffness is related to lower cerebral blood flow and preserved cerebrovascular reactivity in older adults. *Circulation*, 2018, 18: 1951-1962. PMC6394409.

26. Deming Y, Dumitrescu L, Barnes LL, Thambisetty M, Kunkle B, **Gifford KA**, Bush WS, Chibnik LB, Mukherjee S, De Jager PL, Kukull W, Huentelman M, Crane PK, Resnick SM, Keene CD, Montine TJ, Schellenberg GD, Haines JL, Zetterberg H, Blennow K, Larson EB, Johnson SC, Albert M, Moghekar A, del Aguila JL, Fernandez MV, Budde J, Hassenstab J, Fagan AM, Riemenschneider M, Petersen RC, Minthon L, Chao M, Van Deerlin VM, Lee VMY, Shaw LM, Trojanowski JQ, Peskind ER, Li G, Davis LK, Sealock JM, Cox NJ, Alzheimer's Disease Neuroimaging Initiative, Alzheimer Disease Genetics Consortium, Goate AM, Bennett DA, Schneider JA, Jefferson AL, Cruchaga C, Hohman TJ. Sex-specific genetic predictors of Alzheimer's disease biomarkers. *Acta Neuropathologica*, 2018, 136(6):857-872. PMC6280657.
27. **Gifford KA**,† Liu D, Neal JE, Babicz MA, Thompson JL, Walljasper LE, Wiggins ME, Turchan M, Pechman KR, Osborn KE, Acosta LMY, Bell SP, Hohman TJ, Libon DJ, Blennow K, Zetterberg H, Jefferson AL. The 12-Word Philadelphia Verbal Learning Test Performances in Older Adults: Brain MRI and Cerebrospinal Fluid Correlates and Regression-Based Normative Data. *Dementia and Geriatric Cognitive Disorders EXTRA*, 2018 8(3):476-491. PMC6323369.
28. Osborn KE, Alverio JM, Dumitrescu L, Pechman KR; **Gifford KA**, Hohman TJ, Blennow K, Zetterberg H, Jefferson AL, Alzheimer's Disease Neuroimaging Initiative. Adverse Vascular Risk Relates to Cerebrospinal Fluid Biomarker Evidence of Axonal Injury in the Presence of Alzheimer's Disease Pathology. *Journal of Alzheimer's Disease*, 2019 71(1): 281-290. PMC6877290
29. Passiak BS, Liu D, Kresge HA, Cambronero FE, Pechman KR, Osborn KE, **Gifford KA**, Hohman TJ, Schrag MS, Davis LT, Jefferson AL. Perivascular spaces contribute to cognition beyond other small vessel disease markers. *Neurology*, 2019, 92(12):e1309-e1321. PMC6511092.
30. Bown CW, Liu D, Osborn KE, Gupta DK, Mendes LA, Pechman KR, Hohman TJ, Wang TJ, **Gifford KA**, Jefferson AL. Apolipoprotein E Genotype Modifies the Association Between Cardiac Output and Cognition in Older Adults. *Journal of the American Heart Association*, 2019, 67(9): 1803-1811. PMC6761646
31. **Gifford KA**,†,** Bell SP,** Liu D, Neal JE, Turchan M, Shah AS, Jefferson AL. Frailty Is Related to Subjective Cognitive Decline in Older Women without Dementia. *Journal of the American Geriatrics Society*, 2019, 67(9):1803-1811. PMC6781867. **Authors contributed equally.
32. Dumitrescu L, Barnes LL, Thambisetty M, Beecham G, Kunkle B, Bush WS, **Gifford KA**, Chibnik LB, Mukherjee S, De Jager PL, Kukull W, Crane PK, Resnick SM, Keene CD, Montine TJ, Schellenberg GD, Deming Y, Chao MJ, Huentelman M, Martin ER, Hamilton-Nelson K, Shaw LM, Trojanowski JQ, Peskind ER, Cruchaga C, Pericak-Vance MA, Goate AM, Cox NJ, Haines JL, Zetterberg H, Blennow K, Larson EB, Johnson SC, Albert M, for the Alzheimer's Disease Genetics Consortium and the Alzheimer Disease Neuroimaging Initiative, Bennett DA, Schneider JA, Jefferson AL, Hohman TJ. Sex differences in the genetic predictors of Alzheimer's pathology. *Brain*, 2019, 142 (9): 2581-2589. PMC6736148
33. Osborn KE, Khan OA, Kresge HA, Bown CW, Liu D, Moore EE, **Gifford KA**, Acosta LMY, Bell SP, Hohman TJ, Blennow K, Zetterberg H, Jefferson AL. Cerebrospinal fluid and plasma neurofilament light relate to abnormal cognition. *Alzheimers Dement (Amst)*. 2019;11:700-709. PMC 6827361

34. Wasserman V, Emrani S, Matusz EF, Miller D, Garrett KD, Gifford KA, Hohman TJ, Jefferson AL, Au R, Swenson R, Libon DJ. Visual and Verbal Serial List Learning in Patients with Statistically-Determined Mild Cognitive Impairment. *Innov Aging*. 2019 May;3(2). PMC6499409.
35. Mahoney ER, Dumitrescu L, Seto M, Nudelman K, Buckley R, **Gifford KA**, Saykin A, Jefferson A, Hohman TJ, for the Alzheimer's Disease Neuroimaging Initiative. Telomere length associations with cognition depend on Alzheimer's disease biomarkers. *Alzheimer's & Dementia: Translational Research & Clinical Interventions*, 2019, 5:883-890. PMC6926345
36. Kresge HA, Liu D, Gupta DK, Moore EE, Osborn KE, Acosta LMY, Bell SP, Pechman KR, **Gifford KA**, Mendes LA, Wang TJ, Blennow K, Zetterberg H, Hohman TJ, Jefferson AL. Lower Left Ventricular Ejection Fraction Relates to Cerebrospinal Fluid Biomarker Evidence of Neurodegeneration in Older Adults. *Journal of Alzheimer's Disease*. 2020;74(3):965-974. PMC6827361
37. Moore EE,** **Gifford KA**,** Khan OA, Liu D, Pechman KR, Acosta LMY, Bell SP, Turchan M, Landman BA, Blennow K, Zetterberg H, Hohman TJ, Jefferson AL. Cerebrospinal fluid biomarkers of neurodegeneration, synaptic dysfunction, and axonal injury relate to atrophy in structural brain regions specific to Alzheimer's disease. *Alzheimer's and Dementia*. 2020; 16(6):883-895. PMC7781154. **Authors contributed equally.
38. Moore EE, Liu D, Pechman KR, Acosta LMY, Bell SP, Davis LT, Blennow K, Zetterberg H, Landman BA, Schrag MS, Hohman TJ, **Gifford KA**, Jefferson AL. Mild cognitive impairment staging yields genetic susceptibility, biomarker, and neuroimaging differences. *Frontiers in Aging Neuroscience*. 2020; 12:139. PMC7289958
39. Dumitrescu L, Mahoney ER, Mukherjee S, Lee ML, Bush WS, Engelman CD, Lu Q, Fardo DW, Trittschuh EH, Mez J, Kaczorowski C, Hernandez Saucedo H, Widaman KF, Buckley R, Properzi M, Mormino E, Yang HS, Harrison T, Hedden T, Nho K, Andrews SJ, Tommet D, Hadad N, Sanders RE, Ruderfer DM, **Gifford KA**, Moore AM, Cambronero F, Zhong X, Raghavan NS, Vardarajan B; Alzheimer's Disease Neuroimaging Initiative (ADNI); Alzheimer's Disease Genetics Consortium (ADGC), A4 Study Team, Pericak-Vance MA, Farrer LA, Wang LS, Cruchaga C, Schellenberg G, Cox NJ, Haines JL, Dirk Keene C, Saykin AJ, Larson EB, Sperling RA, Mayeux R, Bennett DA, Schneider JA, Crane PK, Jefferson AL, Hohman TJ. Genetic variants and functional pathways associated with resilience to Alzheimer's disease. *Brain*. 2020; 1,143(8):2561-2575. PMC7447518
40. **Gifford KA**,† Liu D, Neal JE, Acosta LMY, Bell SP, Wiggins ME, Wisniewski KM, Godfrey M, Logan LA, Hohman TJ, Pechman KR, Libon DJ, Blennow K, Zetterberg H, Jefferson AL. Validity and Normative Data for the Biber Figure Learning Test: A Visual Supraspan Memory Measure. *Assessment*, 2018. PMC6212325.
41. Archer DB, Moore EE, Shashikumar N, Dumitrescu L, Pechman KR, Landman BA, **Gifford KA**, Jefferson AL, Hohman TJ. Free-water metrics in medial temporal lobe white matter tract projections relate to longitudinal cognitive decline. *Neurobiology of Aging*. 2020; Oct;94:15-23. PMC7483422
42. Bown CW, Do R, Khan OA, Liu D, Cambronero FE, Moore EE, Osborn KE, Gupta DK, Pechman KR, Mendes LA, Hohman TJ, **Gifford KA**, Jefferson AL. Lower Cardiac Output Relates to Longitudinal Cognitive Decline in Aging Adults. *Front Psychol*. 2020; 9:11:569355. PMC7680861

43. Gustavson DE, Jak AJ, Elman JA, Panizzon MS, Franz CE, **Gifford KA**, Reynolds CA, Toomey R, Lyons MJ, Kremen WS. How Well Does Subjective Cognitive Decline Correspond to Objectively Measured Cognitive Decline? Assessment of 10-12 Year Change. *Journal of Alzheimer's Disease*. 2021; 83(1):291-304; PMC8482061
44. Moore EE, Liu D, Li J, Schimmel SJ, Cambronero FE, Terry JG, Nair S, Pechman KR, Moore ME, Bell SP, Beckman JA, **Gifford KA**, Hohman TJ, Blennow K, Zetterberg H, Carr JJ, Jefferson AL. Association of Aortic Stiffness With Biomarkers of Neuroinflammation, Synaptic Dysfunction, and Neurodegeneration. *Neurology*. 2021 97(4):e329-e340. PMC8362359
45. Moore EE, Liu D, Bown CW, Kresge HA, Gupta DK, Pechman KR, Mendes LA, Davis LT, **Gifford KA**, Anderson AW, Wang TJ, Landman BA, Hohman TJ, Jefferson AL. Lower cardiac output is associated with neurodegeneration among older adults with normal cognition but not mild cognitive impairment. *Brain Imaging Behav*. 2021 Aug;15(4):2040-2050. PMC8035362.
46. Archer DB, Moore EE, Pamidimukkala U, Shashikumara N, Pechman KR, Blennow K, Zetterberg H, Landman BA, Hohman TJ., Jefferson AL, **Gifford KA**.† Microstructural alterations in medial temporal and frontal white matter tracts are associated with subjective cognitive decline. *Neuroimage: Clinical*. 2021 (32). PMC8414539.
47. Bown CW, Khan OA, Moore EE, Liu D, Pechman KR, Cambronero FE, Terry JG, Nair S, Davis LT, **Gifford KA**, Landman BA, Hohman TJ, Carr JJ, Jefferson AL. Elevated Aortic Pulse Wave Velocity Relates to Longitudinal Gray and White Matter Changes. *Arterioscler Thromb Vasc Biol*. 2021; 41(12):3015-3024. PMC8627676.
48. Taylor, WD, Zald DH, Felger JC, Christman S, Claassen DO, Horga G, Miller JM, **Gifford KA**, Rogers B, Szymkowicz SM, Rutherford BR. Influences of dopaminergic system dysfunction in late-life depression. *Molecular Psychiatry*. 2021: Aug 17. PMC8850529
49. Ko D, Dietrich MS, **Gifford KA**, Ridner SH. Subjective Cognition is Correlated with Objective Cognition in Liver Transplant Recipients. *Liver Transplantation*. (2021). PMC8785255
50. Moore EE, Khan OA, Shashikumar N, Pechman KR, Liu D, Bell SP, Nair S, Terry JG, **Gifford KA**, Anderson AW, Landman BA, Blennow K, Zetterberg H, Hohman TJ, Carr JJ, Jefferson AL. Axonal Injury Partially Mediates Associations Between Increased Left Ventricular Mass Index and White Matter Damage. *Stroke*. 2022 53(3):808-816. PMC8885768
51. Yengo-Kahn AM, Hibshman N, Bonfield CM, Torstenson ES, **Gifford KA**, Belikau D, Davis LK, Zuckerman SL, Dennis JK. Association of pre-injury medical diagnoses with pediatric persistent post-concussion symptoms in electronic health records. *Journal of Head Trauma Rehabilitation*. 2022 Mar-Apr 01;37(2):E80-E89. PMID 33935230
52. Robb WH, Khan OA, Ahmed HA, Li J, Moore EE, Cambronero FE, Pechman KR, Liu D, **Gifford KA**, Landman BA, Donahue MJ, Hohman TJ, Jefferson AL. Lower cerebral oxygen utilization is associated with Alzheimer's disease-related neurodegeneration and poorer cognitive performance among apolipoprotein E ε4 carriers. *J Cereb Blood Flow Metab*. 2022; 42(4): 642-655. PMC9051148
53. Schilling KG, Archer D, Yeh FC, Rheault F, Cai LY, Hansen C, Yang Q, Ramdass K, Shafer AT, Resnick SM, Pechman KR, **Gifford KA**, Hohman TJ, Jefferson A, Anderson AW, Kang H,

Landman BA. Aging and white matter microstructure and macrostructure: a longitudinal multi-site diffusion MRI study of 1218 participants. *Brain Struct Funct*. 2022 Jul;227(6):2111-2125. PMC9648053.

54. Eissman JM, Dumitrescu L, Mahoney ER, Smith AN, Mukherjee S, Lee ML, Scollard P, Choi SE, Bush WS, Engelman CD, Lu Q, Fardo DW, Trittschuh EH, Mez J, Kaczorowski CC, Hernandez Saucedo H, Widaman KF, Buckley RF, Properzi MJ, Mormino EC, Yang HS, Harrison TM, Hedden T, Nho K, Andrews SJ, Tommet D, Hadad N, Sanders RE, Ruderfer DM, **Gifford KA**, Zhong X, Raghavan NS, Vardarajan BN, Pericak-Vance MA, Farrer LA, Wang LS, Cruchaga C, Schellenberg GD, Cox NJ, Haines JL, Keene CD, Saykin AJ, Larson EB, Sperling RA, Mayeux R, Cuccaro ML, Bennett DA, Schneider JA, Crane PK, Jefferson AL, Hohman TJ. Sex differences in the genetic architecture of cognitive resilience to Alzheimer's disease. *Brain*. 2022 Jul 29;145(7):2541-2554. PMC9337804.
55. Brett BL, Kerr ZY, Chandran A, Walton S, Aggarwal NT, **Gifford KA**, Mannix R, DeFreese JD, Echemendia RJ, Guskiewicz KM, Meehan WP, McCrea MA. A dominance analysis of subjective cognitive complaint comorbidities in former professional football players with and without mild cognitive impairment. *J Int Neuropsychol Soc*. 2022 Aug 30;:1-12. PMC9971325.
56. Winfree RL, Dumitrescu L, Blennow K, Zetterberg H, **Gifford KA**, Pechman KR, Jefferson AL, Hohman TJ. Biological correlates of elevated soluble TREM2 in cerebrospinal fluid. *Neurobiol Aging*. 2022 Oct;118:88-98. PMC9707345.
57. Seto M, Weiner RL, Dumitrescu L, Mahoney ER, Hansen SL, Janve V, Khan OA, Liu D, Wang Y, Menon V, De Jager PL, Schneider JA, Bennett DA, **Gifford KA**, Jefferson AL, Hohman TJ. RNASE6 is a novel modifier of APOE- ϵ 4 effects on cognition. *Neurobiol Aging*. 2022 Oct;118:66-76. PMC9721357.
58. Bown CW, Khan OA, Liu D, Remedios SW, Pechman KR, Terry JG, Nair S, Davis LT, Landman BA, **Gifford KA**, Hohman TJ, Carr JJ, Jefferson AL. Enlarged perivascular space burden associations with arterial stiffness and cognition. *Neurobiol Aging*. 2022 Nov 5. PMC9957942.
59. Yengo-Kahn AM, Lessing N, Garner D, Blough J, Zuckerman SL, **Gifford KA**. Normative Blink Reflex Data for the EyeStat Device in Student Athletes. *Cogent Engineering*. 2022. 9:1, DOI: 10.1080/23311916.2021.2024971
60. Jeckell A, Mckeithan L, Yengo-Kahn AM, **Gifford KA**. Treatment Preferences Among Psychiatrists for the Management of Concussion. *Advances in Psychiatry and Behavioral Health*. 2022. 2(1): 17-28 (vol2.1).
61. Eissman JM, Wells G, Khan OA, Liu D, Petyuk VA, **Gifford KA**, Dumitrescu L, Jefferson AL, Hohman TJ. Polygenic resilience score may be sensitive to preclinical Alzheimer's disease changes. *Pac Symp Biocomput*. 2023;28:449-460. PMC9888419
62. Ko D, Ridner SH, **Gifford KA**. Subjective Cognition is Related to Patient-Reported Symptom Distress and Work Productivity Among Liver Transplant Recipients. *Transpl Int*. 2023;36:10863. PMC9886575.
63. Libby JB, Seto M, Khan OA, Liu D, Petyuk V, Oliver NC, Choi MJ, Whitaker M, Patterson KL, Arul AB, **Gifford KA**, Blennow K, Zetterberg H, Dumitrescu L, Robinson RA, Jefferson AL, Hohman

TJ. Whole blood transcript and protein abundance of the vascular endothelial growth factor family relate to cognitive performance. *Neurobiol Aging*. 2023. Apr;124:11-17. PMC9957941.

64. Rabin LA, Sikkes SAM, Tommet D, Jones RN, Crane PK, Elbulok-Charcape MM, Dubbelman MA, Kosciak R, Amariglio RE, Buckley RF, Boada M, Chételat G, Dubois B, Ellis KA, **Gifford KA**, Jefferson AL, Jessen F, Johnson S, Katz MJ, Lipton RB, Luck T, Margioti E, Maruff P, Molinuevo JL, Perrotin A, Petersen RC, Rami L, Reisberg B, Rentz DM, Riedel-Heller SG, Risacher SL, Rodriguez-Gomez O, Sachdev PS, Saykin AJ, Scarmeas N, Smart C, Snitz BE, Sperling RA, Taler V, van der Flier WM, van Harten AC, Wagner M, Wolfsgruber S. Linking self-perceived cognitive functioning questionnaires using item response theory: The subjective cognitive decline initiative. *Neuropsychology*. 2023 May;37(4):463-499. PMC10564559.
65. Walters S, Contreras AG, Eissman JM, Mukherjee S, Lee ML, Choi SE, Scollard P, Trittschuh EH, Mez JB, Bush WS, Kunkle BW, Naj AC, Peterson A, **Gifford KA**, Cuccaro ML, Cruchaga C, Pericak-Vance MA, Farrer LA, Wang LS, Haines JL, Jefferson AL, Kukull WA, Keene CD, Saykin AJ, Thompson PM, Martin ER, Bennett DA, Barnes LL, Schneider JA, Crane PK, Hohman TJ, Dumitrescu L; Alzheimer's Disease Neuroimaging Initiative, Alzheimer's Disease Genetics Consortium, and Alzheimer's Disease Sequencing Project. Associations of Sex, Race, and Apolipoprotein E Alleles With Multiple Domains of Cognition Among Older Adults. *JAMA Neurology*. 2023. Jul 17:e232169. PMC10352930.
66. Bolton CJ, Khan OA, Moore EE, Pechman KR, Taylor Davis L, Liu D, Landman BA, **Gifford KA**, Hohman TJ, Jefferson AL. Baseline grey matter volumes and white matter hyperintensities predict decline in functional activities in older adults over a 5-year follow-up period. *Neuroimage Clin*. 2023;38:103393. PMC10102557.
67. Patterson KL, Arul AB, Choi MJ, Oliver NC, Whitaker MD, Bodrick AC, Libby JB, Hansen S, Dumitrescu L, **Gifford KA**, Jefferson AL, Hohman TJ, Robinson RAS. Establishing Quality Control Procedures for Large-Scale Plasma Proteomics Analyses. *J Am Soc Mass Spectrom*. 2023 Jun 7;34(6):1105-1116. PMC pending
68. Archer DB, Schilling K, Shashikumar N, Jasodanand V, Moore EE, Pechman KR, Bilgel M, Beason-Held LL, An Y, Shafer A, Ferrucci L, Risacher SL, **Gifford KA**, Landman BA, Jefferson AL, Saykin AJ, Resnick SM, Hohman TJ. Leveraging longitudinal diffusion MRI data to quantify differences in white matter microstructural decline in normal and abnormal aging. *Alzheimers Dement*. 2023 Oct-Dec;15(4):e12468. PMC10540270.
69. Gogniat MA, Khan OA, Li J, Bown CW, Liu D, Pechman KR, Davis LT, **Gifford KA**, Landman BA, Hohman TJ, Jefferson AL. Perivascular space burden interacts with APOE-e4 status on cognition in older adults. *Neurobiology of Aging*. 2024 Apr;136:1-8. PMC11384903.
70. Yang Y, Sathe A, Schilling K, Shashikumar N, Moore E, Dumitrescu L, Pechman KR, Landman BA, **Gifford KA**, Hohman TJ, Jefferson AL, Archer DB. A deep neural network estimation of brain age is sensitive to cognitive impairment and decline. *Pac Symp Biocomput*. 2024;29:148-162. PMC10764074.
71. Eissman JM, Archer DB, Mukherjee S, Lee ML, Choi S-E, Scollard P, Trittschuh EH, Mez JB, Bush WS, Kunkle BW, Naj AC, **Gifford KA**, The Alzheimer's Disease Neuroimaging Initiative (ADNI) Alzheimer's Disease Genetics Consortium (ADGC), The Alzheimer's Disease Sequencing Project (ADSP), Cuccaro ML, Cruchaga C, Pericak-Vance MA, Farrer LA, Wang L-S, Schellenberg GD, Mayeux RP, Haines JL, Jefferson AL, Kukull WA, Keene CD, Saykin AJ,

Thompson PM, Martin ER, Bennett DA, Barnes LL, Schneider JA, Crane PK, Hohman TJ, Dumitrescu L. Sex-specific genetic architecture of late-life memory performance. *Alzheimer's & Dementia*. 2024 Feb;20(2):1250-1267. PMC10917043.

72. Bolton CJ, Khan OA, Liu D, Wilhoite SR, Dumitrescu L, Peterson AJ, Blennow K, Zetterberg H, Hohman TJ, Jefferson AL, **Gifford KA**.† Sex and education modify the association between subjective cognitive decline and amyloid pathology. *Annals of Clinical and Translational Neurology*. (accepted).
73. Kim ME, Gao C, Cai LY, Yang Q, Newlin NR, Ramadass K, Jefferson A, Archer D, Shashikumar N, Pechman KR, Gifford KA, Hohman TJ, Beason-Held LL, Resnick SM, Winzeck S, Schilling KG, Zhang P, Moyer D, Landman BA. Empirical assessment of the assumptions of ComBat with diffusion tensor imaging. *J Med Imaging*. 2024 Mar;11(2):024011. PMC11034156.
74. Archer, D.B., Eissman, J.M., Mukherjee, S., Lee, M.L., Choi, S., Scollard, P., Trittschuh, E.H., Mez, J.B., Bush, W.S., Kunkle, B.W., Naj, A.C., **Gifford, K.A.**, The Alzheimer's Disease Neuroimaging Initiative (ADNI), Alzheimer's Disease Genetics Consortium (ADGC), The Alzheimer's Disease Sequencing Project (ADSP), Cuccaro, M.L., Pericak-Vance, M.A., Farrer, L.A., Wang, L., Schellenberg, G.D., Mayeux, R.P., Haines, J.L., Jefferson, A.L., Kukull, W.A., Keene, C., Saykin, A.J., Thompson, P.A., Martin, E.R., Bennett, D.A., Barnes, L.L., Schneider, J.A., Crane, P.K., Dumitrescu, L., Hohman, T.J. Longitudinal change in memory performance as a strong endophenotype for Alzheimer's disease. *Alzheimer's & Dementia*. 2024 Feb;20(2):1268-1283. PMC10896586.
75. Bolton CJ, Steinbach MJ, Khan OA, Liu D, O'Malley J, Dumitrescu L, Peterson A, Jefferson AL, Hohman TJ, Zetterberg H, Alzheimer's Disease Neuroimaging Initiative (ADNI), **Gifford KA**.† Clinical and demographic factors modify the association between plasma phosphorylated tau-181 and cognition. *Alzheimer's and Dementia: Diagnosis and Disease Management*. (accepted).
76. Ding H, Ho K, Searls E, Low S, Li Z, Rahman S, Madan S, Igwe A, Popp Z, Burk A, Wu H, Ding Y, Hwang PH, De Anda-Duran I, Kolachalama VB, **Gifford KA**, Shih LC, Au R, Lin H. Assessment of Wearable Device Adherence for Monitoring Physical Activity in Older Adults: A Pilot Cohort Study. *JMIR Formative Research*, in press.

Case Reports, Critical Reviews, and Chapters:

1. Podell K., **Gifford KA**., Bougakov D., Goldberg E. Neuropsychological assessment in traumatic brain injury. Eds. A. Jagoda and S. Riggio. *Psychiatric Clinics of North America*. 2010; 33(4): 855-76. PMID:21093682.
2. Kirshner H, **Gifford KA**. Intellectual and Memory Impairments. Eds: Jankovic. *Bradley and Daroff's Neurology in Clinical Practice, 8th Edition*. 2021. Elsevier 2021
3. Kirshner H, **Gifford KA**. Intellectual and Memory Impairments. Eds: Jankovic. *Bradley and Daroff's Neurology in Clinical Practice, 9th Edition*. 2024. Elsevier 2024

Selected Conference Paper/Oral Presentations:

1. **Gifford KA**, Liu D, Fritzsche L, Jones RN, Jefferson AL. Development of a subjective cognitive decline questionnaire using item response theory. *Alzheimer's Association International Conference, 2015*.

2. Minor AM, Mayers S, Hohman TJ, Jefferson AL, **Gifford KA**. Social and cognitive factors relate to the presence of subjective cognitive decline in non-demented older adults. *International Neuropsychological Society Conference*, 2016.
3. **Gifford KA**, Samuels L, Liu D, Hohman TJ, Osborn KE, Cambronero FE, Babicz M, Bogner J, Martin-Willett R, Seabolt C, Thompson J, Thursby M, Walljasper L, Acosta L, Bell SP, Zetterberg H, Jefferson AL. Relation of cerebrospinal fluid markers of Alzheimer's disease pathology and subjective cognitive decline. *International Neuropsychological Society*, 2017.
4. **Gifford KA**, Liu D, Khan OA, Turchan M, Bogner JE, Bown CW, Chenji V, Cambronero FE, Lambros SL, Moore M, Osborn KE, Pechman KR, Thompson JL, Hohman TJ, Jefferson AL. A comparison of subjective cognitive decline tools in cognitively unimpaired older adults. *International Neuropsychological Society*, 2019.
5. Do R, Khan OA, Liu D, Turchan M, Pechman KR, Hohman TJ, Zetterberg H, Blennow K, Jefferson AL, **Gifford KA**. Cerebrospinal fluid and plasma biomarkers relate to longitudinal subjective cognitive decline in aging adults. *International Neuropsychological Society*, 2020.
6. Kresge H, Khan OA, Liu D, Pamidimukkala U, Cambronero FE, Moore EE, Bown CW, Hohman TJ, Jefferson AL, **Gifford KA**. Subjective cognitive decline is associated with longitudinal cerebral blood flow reductions and gray matter atrophy in older adults. *Alzheimer's Association International Conference*, 2020.
7. Steinbach, M. J, Khan, O. A., Liu, D., Gilbert, C., Thwaites, N., Cambronero, F. E., Moore, E. E., Bown, C. W., Acosta, L. M. Y., Spirko, K. O., Pechman, K. R., Blennow, K., Zetterberg, H., Hohman, T. J., Jefferson, A. L., **Gifford, K. A**. Amyloid Status Modifies the Association Between Subjective Cognitive Decline and Brain MRI Metrics. *National Academy of Neuropsychology*, 2022.
8. Bolton CJ, Zetterberg H, Blennow K, Jefferson AL, Hohman TJ, **Gifford KA**. Subjective cognitive decline interacts with sex and education on CSF b-amyloid. *Alzheimer's Association International Conference, San Diego, CA, July 2022*.
9. Houston MA, Zhou P, Liu D, Peterson A, Zetterberg H, Blennow K, Hohman TJ, Jefferson AL, **Gifford KA**. Dyadic patterns of subjective cognitive decline relate to Alzheimer's disease biomarkers differently in preclinical and prodromal clinical states. *Alzheimer's Association International Conference, Amsterdam Netherlands, July 2023*.
10. Peters MJ, Walsh L, Liu Y, Ang TFA, Devine S, Sunderaraman P, Au R, **Gifford KA**, Gurnani AS. Updated Normative Data for the Oldest Old: Age does Matter. *International Neuropsychological Society Conference*, 2025.
11. Gurnani AS, Ding H, Sunderaraman P, Devine S, Au R, **Gifford KA**. Reliability of Remote Neuropsychological Assessment: The Framingham Heart Study. *International Neuropsychological Society Conference*, 2025.