

UNIVERSITY OF PENNSYLVANIA
Curriculum Vitae

September 2022

Lauren M. Massimo, PhD, CRNP

BUSINESS ADDRESS

University of Pennsylvania
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Room 336
Philadelphia, PA 19104

EDUCATION

PhD	2014	University of Pennsylvania Philadelphia, PA Major: Nursing
Post-Master's Certificate	2012	University of Pennsylvania Philadelphia, PA Major: Teacher Education Program
MSN	2005	University of Pennsylvania Philadelphia, PA Major: Nursing (Adult and Gerontology Nurse Practitioner Program)
BSN	2002	The Pennsylvania State University University Park, PA Major: Nursing

POSTGRADUATE TRAINING & FELLOWSHIP APPOINTMENTS

2016-2018	K99 Pathway to Independence Award NIH/NIA (K99AG056054)
2014-2016	Ruth L. Kirschstein Individualized NRSA Post-Doctoral Fellow NIH/NINR (F32NR014777)
2011-2014	Ruth L. Kirschstein Individualized NRSA Pre-Doctoral Fellow NIH/NINR (F31NR013306)
2011-2013	Building Academic Geriatric Nursing Capacity, Pre-Doctoral Scholar John A. Hartford Foundation

2010-2011 Individualized Care for At-Risk Older Adults, T32 Pre-Doctoral Fellow
NewCourtland Center for Health Transitions and the
Hartford Center for Geriatric Excellence
NIH/NINR (T32-NR009356)
School of Nursing, University of Pennsylvania

PROFESSIONAL EXPERIENCE

RESEARCH POSITIONS

2010-2011	Research Assistant	Geropsychiatric Nursing Collaborative John A. Hartford Foundation PIs: Cornelia Beck, PhD, RN, Kathleen Buckwalter, PhD, RN & Lois Evans, PhD, RN
2006-2008	Clinical Research Coordinator	University of Pennsylvania Medical Center Department of Neurology, Cognitive Section Philadelphia, PA

ACADEMIC POSITIONS

2018-current	Assistant Professor	University of Pennsylvania School of Nursing (Primary) School of Medicine, Neurology (Secondary) Philadelphia, PA
2017-2018	Research Assistant Professor	The Pennsylvania State University, College of Nursing University Park, PA
2006-2016	Lecturer	University of Pennsylvania, School of Nursing Philadelphia, PA

CLINICAL POSITIONS

2006-present	Nurse Practitioner	University of Pennsylvania Medical Center Department of Neurology, Cognitive Section Philadelphia, PA
2002-2006	Staff Nurse	University of Pennsylvania Medical Center Medical Intensive Care Unit Philadelphia, PA

OTHER APPOINTMENTS

2022-present	Preceptor	Translational Neuroimaging in Alzheimer's Disease and Related Dementias (T32-AG076411), University of Pennsylvania, School of Medicine
2021-present	Co-Director	University of Pennsylvania Frontotemporal Degeneration Center
2020-present	Executive Committee Member	Individualized Care for At-Risk Older Adults (T32-NR009356), University of Pennsylvania, School of Nursing
2019-present	Fellow	University of Pennsylvania, Institute on Aging Philadelphia, PA
2019-present	Member	University of Pennsylvania, Neuroscience Graduate Group Philadelphia, PA

CERTIFICATION/LICENSURE

2006-present	Certified Registered Nurse Practitioner, Commonwealth of Pennsylvania (SP009113)
2006-present	Adult Nurse Practitioner Certification, American Nurses Credentialing Center
2002-present	Registered Nurse, Commonwealth of Pennsylvania (RN537756)

HONORS/AWARDS/MEMBERSHIPS IN HONORARY SOCIETIES

2022	Deans' Distinguished Visiting Professorship, University of Pennsylvania, School of Medicine
2020	Named "Emerging Leader in Gerontological Nursing," (<i>Geriatric Nursing</i> , 41:7-13)
2020	Junior Faculty Research Award, University of Pennsylvania, School of Nursing Biobehavioral Health Sciences Department
2019	National Institutes of Health Extramural Clinical Research Loan Repayment Renewal Award, National Institute on Aging (NIA)
2018	Abstract of Distinction, State of the Science Congress on Nursing Research, Council for the Advancement of Nursing Science
2017	National Institutes of Health Extramural Clinical Research Loan Repayment Renewal Award, National Institute on Aging (NIA)
2015	National Institutes of Health Extramural Clinical Research Loan Repayment Award, National Institute on Aging (NIA)
2014	Marion R. Gregory Award for a distinguished completed doctoral dissertation, University of Pennsylvania, School of Nursing
2002	Sigma Theta Tau International Honor Society of Nursing, Beta Sigma Chapter, The Pennsylvania State University

RESEARCH

Doctoral Dissertation

2009-2014 The Cognitive and Neural Basis for Apathy in Frontotemporal Degeneration. University of Pennsylvania, School of Nursing.
Dissertation Advisor: Lois K. Evans, PhD, RN, FAAN, University of Pennsylvania, School of Nursing.
Dissertation Committee: Mary Ersek, PhD, RN, FAAN, University of Pennsylvania, School of Nursing; Paul Eslinger, PhD, The Pennsylvania State University, College of Medicine; Murray Grossman MD, University of Pennsylvania, Perelman School of Medicine.
Publication number: AAI3623882,
<http://repository.upenn.edu/dissertations/AAI3429196>

Grants

Presently Funded Research Grants

- 2022-2027 Multidimensional Approaches to Understanding Consequences and Mechanisms of Apathy in Frontotemporal Degeneration (R01AG076832-01A1), 9/30/2022-7/31/2027, **Massimo (PI)**, McMillan (Co-I), Satterthwaite (Co-I), Phillips (Co-I), Xie (Co-I), NIA (\$2,658,552).
- 2020-2025 From Cells to Complex Syndromes: Using Networks to Understand Heterogeneity in TDP-Related Frontotemporal Degeneration and Aging, Project V: Anatomic Mechanisms of Resilience and Genetic Susceptibility in TDP-Related Disorders (P01AG066597), 9/2020-8/2025, **Massimo, (Project Leader)**, NIA (\$1,362,093)
- 2022-2026 Penn Artificial Intelligence and Technology Collaboratory for Healthy Aging, Alzheimer's Disease and Related Disorders (ADRD) Pilot Core (P30AG073105), 9/2021-5/2026, **Massimo (Core Co-Leader)**, NIA, (\$ 9,536,041)

Past Funded Research Grants

- 2018-2021 Cognitive and Neural Moderators of Longitudinal Decline in Frontotemporal Degeneration (R00AG056054), 9/15/2018-5/31/2022, **Massimo (PI)**, NIA (\$747,000)
- 2020-2021 Improving Self-Care of Informal Caregivers of Adults with Frontotemporal Degeneration (R01NR018196-02S1), 9/1/2020-10/1/2021, Riegel (PI), **Massimo (Co-I)**, Bowles (Co-I), Hirschman (Co-I), Aryal, S (Co-I), NINR (\$403,378)
- 2019-2021 Evaluating Time Out: An Intergenerational Respite, Training and Mentorship Program, 7/1/2019-12/31/2021, **Massimo (PI)**, Hodgson (Co-I), Greenfield (Co-I), University of Pennsylvania, Institute on Aging (\$67,965)

- 2018-2019 Development of a Goal-Directed Behavior App: Changing Apathy into Action in Frontotemporal Degeneration, 7/1/2018-12/31/2019, **Massimo (PI)**, Mechanic-Hamilton (Co-I), Rascovsky (Co-I), Association for Frontotemporal Degeneration (\$60,000)
- 2018-2019 Development of a Goal-Directed Behavior App: Changing Apathy into Action in Neurodegenerative Disease, 7/1/2018-12/31/2019, Mechanic-Hamilton (PI), **Massimo (Co-I)**, Rascovsky (Co-I), University of Pennsylvania, Institute on Aging (\$50,000)
- 2017-2018 Goal-Directed Behavior in Parkinson's Disease, 3/1/2017- 8/31/18, Dahodwala (PI), Grossman (Co-I), **Massimo (Co-I)**, McMillan (Co-I), Parkinson's Disease Foundation (\$92,338).
- 2016-2018 Cognitive and Neural Moderators of Longitudinal Decline in Frontotemporal Degeneration (K99AG056054), 9/30/2016-5/31/2018, **Massimo (PI)**, NIA (\$192,132)
- 2014-2016 The Neural Basis of Apathy in Frontotemporal Degeneration: A Longitudinal Study (F32NR014777), 3/1/14-9/29/16, **Massimo (PI)**, NINR (\$156,618).
- 2011-2014 The Cognitive and Neural Basis for Apathy in Frontotemporal Degeneration (F31NR013306), 1/1/12-2/28/14, **Massimo (PI)**, Pre-doctoral Fellowship, NINR (\$90,246).
- 2011-2013 Building Academic Geriatric Nursing Capacity, 7/1/11-7/1/13, **Massimo (PI)**, Pre-doctoral Fellowship, John A. Hartford Foundation (\$100,000).

PUBLICATIONS

Journal Articles: Research, Peer Reviewed (*indicates data-based work)

1. Mechanic-Hamilton, D., Lydon, S., Xie, S.X., Zhang, P., Miller, A., Rascovsky, K., Rhodes, E. & **Massimo, L.** Turning apathy into action in neurodegenerative disease: Development of a goal-directed behavior app. *Neuropsychological Rehabilitation*. (under review)*
2. Burke, S.E., Phillips, J.S., Olm, C.A., Peterson, C.S., Cook, P.A, Gee, J.C., Trojanowski, J.Q., **Massimo, L.**, Irwin, D.J. & Grossman. (2022). Phases of volume loss in patients with known frontotemporal lobar degeneration spectrum pathology. *Neurobiology of Aging*, 113: 95-107. 35325815. DOI: 10.1016/j.neurobiolaging.2022.02.007.*
3. Ohm, D., Cousins, K.A.Q., Xie, S., Peterson, C., McMillan, C.T., **Massimo, L.**, Rascovsky, K., Wolk, D.A., Van Deerlin, V.M., Elman, L., Spindler, M., Deik, A., Trojanowski, J.Q., Lee, E.B., Grossman, M. & Irwin, D.J. (2022). Signature laminar distributions of pathology in frontotemporal lobar degeneration. *Acta Neuropathologica*. 143(3): 363-382: PMID: 34997851. DOI: 10.1007/s00401-021-02402-3*

4. Hwang, Y., **Massimo, L.**, Aryal, S. Hodgson, N.A. (2022). The relationship between social isolation and anxiety in people with cognitive impairment in the United States. *International Journal of Geriatric Psychiatry*. 37(2). PMID: 34997619. DOI: 10.1002/gps.5679.*
5. **Massimo, L.**, Rennert, L., Xie, S. X., Olm, C., Bove, J., Van Deerlin, V., Irwin, D. J., Grossman, M., & McMillan, C. T. (2021). Common genetic variation is associated with longitudinal decline and network features in behavioral variant frontotemporal degeneration. *Neurobiology of Aging*, 108, 16–23. PMID: 34474300. DOI: 10.1016/j.neurobiolaging.2021.07.018*
6. Kim, B., Mikytuck, B., Suh, E., Gibbons, G. S., Van Deerlin, V. M., Vaishnavi, S. N., Spindler, M. A., **Massimo, L.**, Grossman, M., Trojanowski, J. Q., Irwin, D. J., & Lee, E. B. (2021). Tau immunotherapy is associated with glial responses in FTL D-tau. *Acta neuropathologica*, 142(2), 243–257. PMID: 33950293. PMCID: PMC8270872. DOI: 10.1007/s00401-021-02318-y*
7. Kinney, N. G., Bove, J., Phillips, J. S., Cousins, K., Olm, C. A., Wakeman, D. G., McMillan, C. T., & **Massimo, L.** (2021). Social and leisure activity are associated with attenuated cortical loss in behavioral variant frontotemporal degeneration. *NeuroImage. Clinical*, 30, 102629. PMID: 33770546. PMCID: PMC8024767. DOI: 10.1016/j.nicl.2021.102629*
8. Cho, S., Nevler, N., Ash, S., Shellikeri, S., Irwin, D. J., **Massimo, L.**, Rascovsky, K., Olm, C., Grossman, M., & Liberman, M. (2021). Automated analysis of lexical features in frontotemporal degeneration. *Cortex*, 137, 215–231. PMID: 33640853. PMCID: PMC8044033 (available on 2022-04-01). DOI: 10.1016/j.cortex.2021.01.012*
9. Kraal, A. Z., **Massimo, L.**, Fletcher, E., Carrión, C. I., Medina, L. D., Mungas, D., Gavett, B. E., & Farias, S. T. (2021). Functional reserve: The residual variance in instrumental activities of daily living not explained by brain structure, cognition, and demographics. *Neuropsychology*, 35(1), 19–32. PMID: 33393797. DOI: 10.1037/neu0000705*
10. Giannini, L., Peterson, C., Ohm, D., Xie, S., McMillan, C.T., Raskovsky, K., **Massimo, L.**, Suh, E., Van Deerlin, V.M, Wolk, D.A., Trojanowski, J.Q., Lee, E.B., Grossman, M & Irwin, D. (2021). Frontotemporal lobar degeneration proteinopathies have disparate microscopic patterns of white and grey matter pathology. *Acta Neuropathologica Communications*, 9(1): 30. PMID: 33622418 PMCID: PMC7901087. DOI: 10.1186/s40478-021-01129-2*
11. Zhang, V., Irwin, D.J., Blennow, K., Zetterberg, H., Lee, E., Shaw, L., Rascovsky, K., **Massimo, L.**, McMillan, C.T., Chen-Plotkin, A., Elman, L., Lee, V.M, McCluskey, L., Tolerdo, J., Weintraub, D., Wolk, D., Trojanowski, J.Q & Grossman, M. (2021). Neurofilament Light Chain Related to Longitudinal Decline in Frontotemporal Lobar Degeneration. *Neurology. Clinical practice*, 11(2), 105–116. PMID: 33842063 PMCID: PMC8032415. DOI: 10.1212/CPJ.0000000000000959*
12. Darwich, N., Phan, J.M., Kim, B., Suh, E., Papatriantafyllou, J.D., Changolkar, L., Nguyen, A., O'Rourke, C., He, Z., Porta, S., Gibbons, G., Luk, K., Papageorgio, S., Grossman, M., **Massimo, L.**, Irwin, D., McMillan, C.T., Nasrallah, I., Torom C., Aguirre, G., VanDeerlin, V.

- & Lee, E.B. (2020). Autosomal dominant VCP hypomorph mutation impairs disaggregation of PHF-tau. *Science*, 370(6519), eaay8826. PMID: 33004675. PMCID: PMC7818661. DOI: 10.1126/science.aay8826*
13. Moore, K.M., Nicholas, J., Grossman, M., McMillan, C.T., Irwin, D.J., **Massimo, L.**, Van Deerlin, V.M., Warren, J.D., Fox, N.C., Rossor, M.N., Mead, S., Bocchetta, M., Boeve, B.F., Knopman, D.S., Graff-Radford, N.R., Forsberg, L.K., Rademakers, R., Wszolek, Z.K., Van Swieten, J.C., Jiskoot, L.C., Meeter, L.H., Doppert, E.G.P, Papma, J.M., Snowden, J.S., Saxon, J., Jones, M., Brown, S.P., Le Ber, I., Camuzat, A., Brice, A., Caroppo, P., Ghidoni, R., Pievani, M., Benussi, L., Binetti, G., Dickerson, B.C., Lucente, D., Krivensky, S., Graff, C., Öijerstedt, L., Fallström, M., Thonberg, H., Ghoshal, N., Morris, J.C., Borroni, B., Benussi, A., Padovani, A., Galimberti, D., Scarpini, E., Fumagalli, G.G., Mackenzie, I.R., Hsiung, R., Sengdy, P., Boxer, A.L., Rosen, H., Taylor, J.B., Synofzik, M., Wilke, C., Sulzer, P., Hodges, J.R., Halliday, G., Kwok, J., Sanchez-Valle, R., Lladó, A., Borrego-Ecija, S., Santana, I., Almeida, M.R., Tábuas-Pereira, M., Moreno, F., Barandiaran, M., Indakoetxea, B., Levin, J., Danek, A., Rowe, J.B., Cope, T.E., Otto, M., Anderl-Straub, S., de Mendonça, A., Maruta, C., Masellis, M., Black, S.E., Couratier, P., Lautrette, G., Huey, E.D., Sorbi, S., Nacmias, B., Laforce Jr., R., Tremblay, M.P.L., Vandenberghe, R., Van Damme, P., Rogalski, E.J., Weintraub, S., Gerhard, A., Onyike, C.U., Ducharme, S., Papageorgiou, S.G., Lyn, A.S., Brodtmann, A., Finger, E., Guerreiro, R., Bras, J., Rohrer, J.D., FTD Prevention Initiative (2020). Age at symptom onset and death and disease duration in genetic frontotemporal dementia: an international retrospective cohort study. *The Lancet. Neurology*, 19(2), 145–156. PMID: 31810826. PMCID: PMC7007771. DOI: 10.1016/S1474-4422(19)30394-1*
 14. Caswell, C., McMillan, C.T., Xie, S.X., Van Deerlin, V., Suh, E., Lee, E.B., Trojanowski, J.T., Lee, V.M., Irwin, D.J., Grossman, M. & **Massimo, L.** (2019). Genetic predictors of survival in behavioral variant frontotemporal degeneration. *Neurology*, 93(18), 1707-1714. PMID: 31537715. PMCID: PMC6946477. DOI: 10.1212/WNL.0000000000008387*
 15. **Massimo, L.**, Xie, S., Rennert, L., Fick, D., Halpin, A., Placek, K., Williams, A., Rascovsky, K., Irwin, D.J., Grossman, M. & McMillan, C.T. (2019). Occupational attainment influences longitudinal decline in behavioral variant frontotemporal degeneration. *Brain Imaging and Behavior*, 13(1), 293-301. PMID: 29542053. PMCID: PMC6521965. DOI: 10.1007/s11682-018-9852-x*
 16. **Massimo, L.**, Munoz, E., Hill, N., Mogle, J., Mulhall, P., McMillan, C., Clare, L., Vandenburg, D., Fick, D. & Kolanowski, A. (2017). Genetic and environmental factors associated with delirium severity in older adults with dementia. *International Journal of Geriatric Psychiatry*, 32(5), 574-581. PMID: 27122004. PMCID: PMC5083230. DOI: 10.1002/gps.4496*
 17. Placek, K., **Massimo, L.**, Olm, C., Ternes, K., Firn, K., Van Deerlin, V., Lee, E. B., Trojanowski, J. Q., Lee, V. M., Irwin, D., Grossman, M., & McMillan, C. T. (2016). Cognitive reserve in frontotemporal degeneration: Neuroanatomic and neuropsychological evidence. *Neurology*, 87(17), 1813–1819. PMID: 27683847. PMCID: PMC5089523. DOI: 10.1212/WNL.0000000000003250*
 18. Fitts, W., **Massimo, L.**, Lim, N., Grossman, M. & Dahodwala, N. (2016). Computerized assessment of goal-directed behavior in Parkinson's disease. *Journal of Clinical and*

Experimental Neuropsychology, 38(9), 1015-1012. PMID: 27270271. PMCID: PMC4979569. DOI: 10.1080/13803395.2016.1184232*

19. **Massimo, L.**, Powers J., Evans, L., McMillan, C.T., Rascovsky, K., Eslinger, P., Ersek, M., Irwin, D.J. & Grossman, M. Apathy in frontotemporal degeneration: Neuroanatomical evidence of impaired goal-directed behavior. (2015). *Frontiers in Human Neuroscience*. 9:611. PMID: 26617508. PMCID: PMC4639601. DOI: 10.3389/fnhum.2015.00611*
20. Fitts, W., Weintraub, D., **Massimo, L.**, Chahine, L., Chen-Plotkin, A., Duda, J.E., Hurtig, H.I., Rick, J., Trojanowski, J.Q. & Dahodwala, N. (2015). Caregiver report of apathy predicts dementia in Parkinson's disease. *Parkinsonism Related Disorders*, 21(8), 992-995. PMID: 26117435. PMCID: PMC4509809. DOI: 10.1016/j.parkreldis.2015.06.009*
21. **Massimo, L.**, Zee, J., Xie, S.X., McMillan, C.T., Rascovsky, K., Irwin, D. I., Kolanowski, A. & Grossman, M. (2015). Occupational attainment influences survival in autopsy-confirmed frontotemporal degeneration. *Neurology*, 84(20), 2070-2075. PMID: 26117435. PMCID: PMC4509809. DOI: 10.1016/j.parkreldis.2015.06.009*
22. Powers, J.P., **Massimo, L.**, McMillan, C.T., Yushkevich, P., Zhang, H., Gee, J. & Grossman, M. (2014). White matter disease contributes to apathy and disinhibition in behavioral variant frontotemporal dementia. *Cognitive and Behavioral Neurology*, 27(4), 206-214. PMID: 25539040. PMCID: PMC4296883. DOI: 10.1097/WNN.0000000000000044*
23. Avants, B.B., Libon, D.J., Rascovsky, K., Boller, A., McMillan, C.T., **Massimo, L.**, Coslett, H.B., Chatterjee, A., Gross, R.G. & Grossman, M. (2013). Sparse canonical correlation analysis relates network-level atrophy to multivariate cognitive measures in a neurodegenerative population. *Neuroimage*, 84(1), 698-711. MID: 25539040. PMCID: PMC4296883. DOI: 10.1097/WNN.0000000000000044*
24. **Massimo, L.**, Evans, L. & Benner, P. (2013). Caring for loved ones with frontotemporal degeneration: The lived experiences of spouses. *Geriatric Nursing*, 34(4), 302-306. PMID: 23726759. PMCID: PMC3867267. DOI: 10.1016/j.gerinurse.2013.05.001*
25. **Massimo, L.**, Libon, D.J., Chandrasekaran, K., Dreyfuss, M., McMillan, C.T., Rascovsky, K., Boller, A., & Grossman, M. (2013). Self-appraisal in behavioral variant frontotemporal degeneration. *Journal of Neurology, Neurosurgery and Psychiatry*, 84(2), 148-53. PMID: 22952324. PMCID: PMC3556171. DOI: 10.1136/jnnp-2012-303153*
26. Libon, D.J., Rascovsky, K., Gross, R.G., White, M.T., Xie, S.X., Dreyfuss, M., Boller, A., **Massimo, L.**, Moore, P., Kitain, J., Coslett, H.B., Chatterjee, A. & Grossman M. (2011). The Philadelphia Brief Assessment of Cognition (PBAC): A validated screening measure for dementia. *The Clinical Neuropsychologist*, 25(8), 1314-1330. PMID: 22084867. PMCID: PMC3297195. DOI: 10.1080/13854046.2011.631585*
27. Grossman, M., Eslinger, P.J., Troiani, V., Anderson, C., Avants, B., Gee, J.C., McMillan, C., **Massimo, L.**, Khan, A. & Antani, S. (2010). The role of ventral medial prefrontal cortex in social decisions: Converging evidence from fMRI and frontotemporal lobar degeneration. *Neuropsychologia*, 48(12), 3503-3512. PMID: 20691197. PMCID: PMC2949451. DOI: 10.1016/j.neuropsychologia.2010.07.036*

28. Xie, S.X., Libon, D.J., Wang, X., **Massimo, L.**, Moore, P., Vesely, L., Khan, A., Chatterjee, A., Coslett, H.B., Hurtig, H.I., Liang, T.W. & Grossman, M. (2010). Longitudinal patterns of semantic and episodic memory in frontotemporal lobar degeneration and Alzheimer's disease. *Journal of the International Neuropsychological Society*, 16(2), 278-286. PMID: 20003584. PMCID: PMC2883470. DOI: 10.1017/S1355617709991317*
29. Libon, D.J., McMillan, C., Gunawardena, D., Powers, C., **Massimo, L.**, Khan, A., Morgan, B., Farag, C., Richmond, L. & Grossman, M. (2009). Neurocognitive contributions to verbal fluency deficits in frontotemporal lobar degeneration. *Neurology*, 73(7), 535-542. PMID: 19687454. PMCID: PMC2730797. DOI: 10.1212/WNL.0b013e3181b2a4f5*
30. Libon, D.J., Xie, S., Wang, X., **Massimo, L.**, Moore, P.M., Vesely, L., Khan, A., Chatterjee, A., Coslett, H.B., Hurtig, H., Liang, T.W. & Grossman, M. (2009). Neuropsychological decline in frontotemporal lobar degeneration: A longitudinal analysis. *Neuropsychology*, 23(3), 337-346. PMID: 20003584. PMCID: PMC2883470. DOI: 10.1017/S1355617709991317*
31. **Massimo, L.**, Anderson, C., Moore, P., Avantz, B., Libon, D. & Grossman, M. (2009). Neuroanatomy of apathy and disinhibition in frontotemporal lobar dementia. *Dementia and Geriatric Cognitive Disorders*, 27(1), 96-104. PMID: 19158440. PMCID: PMC2820577. DOI: 10.1159/000194658*
32. Grossman, M., Xie, S., Libon, D.J., Wang, X., **Massimo, L.**, Moore, P., Vesely, L., Berkowitz, R., Chatterjee, A. & Coslett, H.B.(2008). Longitudinal decline in autopsy-defined frontotemporal lobar degeneration. *Neurology*, 22(1), 2036-2045.*
33. Bian, H., Van Swieten, J. C., Leight, S., **Massimo, L.**, Wood, E., Forman, M., Moore, P., de Koning, I., Clark, C. M., Rosso, S., Trojanowski, J., Lee, V. M., & Grossman, M. (2008). CSF biomarkers in frontotemporal lobar degeneration with known pathology. *Neurology*, 70(19 Pt 2), 1827–1835. PMID: 18458217. PMCID: PMC2707002. DOI: 10.1212/01.wnl.0000311445.21321.fc*
34. Libon, D., **Massimo, L.**, Moore, P., Coslett, H., Chatterjee, A., Aguirre, G., Rice, A., Vesely, L. & Grossman, M. (2007). Screening for frontotemporal dementias and Alzheimer's Disease with the Philadelphia Brief Assessment of Cognition: A preliminary analysis. *Dementia & Geriatric Cognitive Disorders*, 24(6), 441-447. PMID:17971665. DOI: 10.1159/000110577*
35. Grossman, M., Libon, D.J., Forman, M.S., **Massimo, L.**, Wood, E., Moore, P., Anderson, C., Farmer, J., Chatterjee, A., Clark, C.M., Coslett, H.B., Hurtig, H.I., Lee, V.M. & Trojanowski, J.Q. (2007) Distinct antemortem profiles in pathologically-defined patients with frontotemporal dementia. *Archives of Neurology*, 64(11), 1601-1609. PMID: 17998442. DOI: 10.1001/archneur.64.11.1601
36. Murray, R., Neumann, M., Forman, M.S., Farmer, J., **Massimo, L.**, Rice, A., Miller, B., Johnson, J.K., Clark, C.M., Hurtig, H.I., Gorno-Tempini, M.L., Lee, V.M., Trojanowski, J.Q. & Grossman, M. (2007). Cognitive and motor assessment in autopsy-proven corticobasal degeneration. *Neurology*, 68(16), 1274-1283. PMID:17438218. DOI: 10.1212/01.wnl.0000259519.78480.c3*

Journal Articles: Research, Peer Reviewed Reviews

37. Hwang, Y. **Massimo, L.** & Hodgson, N. (2020). Modifiable factors associated with anxiety in persons with dementia: An integrative review. *Geriatric Nursing*, 41(6): 852-862. PMID: 32571585. DOI: 10.1016/j.gerinurse.2020.06.003
38. Stevens, C., **Massimo, L.**, Harris, M., Evans, L. & Buckwalter, K. Advances in geropsychiatric nursing: A decade in review. (2020). *Archives of Psychiatric Nursing*, 34(5): 281-287. PMID: 33032747. PMCID: PMC7547149. DOI: 10.1016/j.apnu.2020.07.006
39. Kolanowski, A., Gilmore-Bykovskiy, A., Hill, N., **Massimo, L.**, & Mogle, J. (2019). Measurement Challenges in Research With Individuals With Cognitive Impairment. *Research in gerontological nursing*, 12(1), 7–15. PMID: 30653646. PMCID: PMC6500490. DOI: 10.3928/19404921-20181212-06
40. Jones, R.N., Cizginer, S., Pavlech, L., Albuquerque, A, Daiello, L., Dharmarajan, K, Gleason, L., Helfand, B., **Massimo, L.**, Oh, E., Okereke, O., Tabloski, P., Rabin, L., Yue, J., Marcantonio, E.R., Fong, T.G., Hshieh, T., Metzger, E., Erickson, K., Schmitt, E.M. & Inouye, S.K., Better Assessment of Illness (BASIL) Study Group (2019). Assessment of Instruments for Measurement of Delirium Severity: A Systematic Review. *JAMA internal medicine*, 179(2), 231–239. PMID: 30556827. PMCID: PMC6382582. DOI: 10.1001/jamainternmed.2018.6975
41. **Massimo, L.**, Kales, H. & Kolanowski, A. (2018). State of the science: Apathy as a model for investigating behavioral and psychological symptoms in dementia. *Journal of the American Geriatrics Society*, 66 Suppl 1(Suppl 1), S4–S12. PMID: 29659001. PMCID: PMC5905718. DOI: 10.1111/jgs.15343
42. Kolanowski, A., Boltz, M., Galik, E., Gitlin, L.N., Kales, H.C., Resnick, B., Van Haitsma, K.S., Knehans, A., Sutterlin, J.E., Sefcik, J.S., Liu, W., Petrovsky, D.V., **Massimo, L.**, Gilmore-Bykovskiy, A., MacAndrew, M., Brewster, G., Nalls, V., Jao, Y.L., Duffort, N. & Scerpella, D. (2017). Determinants of behavioral and psychological symptoms of dementia: A scoping review of the evidence. *Nursing Outlook*, 65(5), 525-529. PMID: 25199154. PMCID: PMC4281275. DOI: 10.3928/00989134-20140827-01
43. **Massimo, L.**, Evans, L. & Grossman, M. (2014). Differentiating subtypes of apathy to improve person-centered care in frontotemporal degeneration. *Journal of Gerontological Nursing*, 40(10), 58-65. PMID: 25199154. PMCID: PMC4281275. DOI: 10.3928/00989134-20140827-01
44. **Massimo, L.** & Grossman, M. Patient care and management of frontotemporal lobar degeneration (2008). *American Journal of Alzheimer's Disease and other Dementias*, 23(2), 125-131. PMID: 18421010. PMCID: PMC2927812. DOI: 10.1177/1533317507307961

Journal Articles: Non-Peer Reviewed Research/Other

45. Placek, K., **Massimo, L.**, Grossman, M., & McMillan, C. T. Author response: Cognitive reserve in frontotemporal degeneration: Neuroanatomic and neuropsychological evidence. (2016). *Neurology*, 88(16): 1590-1591. PMID: 28416618. DOI: 10.1212/WNL.0000000000003856

Book Chapters

1. **Massimo, L.** & Bustamante, G. (2022). Nonpharmacologic strategies for symptom management in frontotemporal degeneration. In L. Radin & G. Radin (Eds.), *What if it's not Alzheimer's: A Caregiver's Guide to Non-Alzheimer's Dementia* (4th ed.). Amherst, New York: Prometheus.
2. **Massimo, L.** & Hall, G. Before drugs: Non-pharmacologic approach to symptom management. (2014). In L. Radin & G. Radin (Eds.), *What if it's not Alzheimer's: A Caregiver's Guide to Non-Alzheimer's Dementia* (3rd ed.). Amherst, New York: Prometheus.
3. Caselli, R.J., Yaari, R. & **MacLennan, L.** Therapeutic interventions: Therapy and nonmedical options. (2008). In L. Radin & G. Radin (Eds.), *What if it's not Alzheimer's: A Caregiver's Guide to Non-Alzheimer's Dementia* (2nd ed.). Amherst, New York: Prometheus

Guest Editorials, Book Reviews, Other publications

1. **Massimo, L.** & Hunt, L. The role of geropsychiatric nursing in promoting age friendly health care. (2022). *Journal of Gerontological Nursing*, 48(7), 2-3. PMID: 35771071

Alternative Media

1. Person-centered care for behavioral variant frontotemporal degeneration, June 22, 2022, continuing education webinar for health professionals sponsored by the Association for Frontotemporal Degeneration. <https://www.theaftd.org/person-centered-care-behavioral-variant-ftd/>
2. Brain-behavior connections in frontotemporal degeneration, February 17, 2021. Webinar, Association for Frontotemporal Degeneration. <https://www.theaftd.org/event/webinar-brain-behavior-connections-in-frontotemporal-degeneration/>
3. Partners in care: Understanding and managing apathy, April 1, 2018. Published e-newsletter, Association for Frontotemporal Degeneration. https://www.theaftd.org/wp-content/uploads/2018/04/PinFTDcare_Newsletter_Winter_2018.pdf
4. Dealing with the emotional aspects of stroke rehab, April 14, 2014. Newspaper Interview, *Philadelphia Inquirer* http://articles.philly.com/2014-04-14/news/49101040_1_brain-damage-brain-injury-stroke
5. Demanding jobs may increase survival in frontotemporal dementia, April 22, 2015. Press release, American Academy of Neurology. <https://www.aan.com/PressRoom/home/PressRelease/1375>

RESEARCH PRESENTATIONS

PROFESSIONAL CONFERENCES (∞ indicates data-based, peer reviewed)

Paper Presentations

- ∞ **Massimo, L.**, Sharkey, M. & Fisher, L. *Improving self-care of informal caregivers of adults with frontotemporal degeneration*. Gerontological Society of America. November 12, 2021. Virtual conference.
- ∞ **Massimo, L.**, Lydon, S., Rascovsky, K. Miller, A., & Mechanic-Hamilton, D. (2020). *ActiDaly: Turning apathy into action in neurodegenerative disease*. Gerontological Society of America. November 6, 2020. Virtual conference.
- ∞ Kraal, Z., **Massimo, L.**, Carrion, C., Medina, L., Gavett, B., & Tomaszewski-Farias, S. *Measuring functional reserve by decomposing cognition and brain variance*. The International Neuropsychological Society. February 7, 2020. Denver, CO.
- ∞ **Massimo, L.**, Miller, A., Schiffrin, D., Lydon, L. & Mechanic-Hamilton, D. *Usability of a mobile app to improve goal-directed behavior: Changing apathy into action in persons with dementia*. Gerontological Society of America. November 13, 2019. Austin, TX.
- ∞ **Massimo, L.**, Rennert, L., Xie, S.X., Irwin, D.J, Grossman, M. & McMillan, C. *Genetic variations hasten decline in young onset dementia*. Council for the Advancement of Nursing Science, September 13, 2018. Washington, DC.
- ∞ **Massimo, L.**, McMillan, C.T., Dahodwala, N., Grossman, M. & Kolanowski, A. *Using biomarkers to design interventions for apathy with greater precision*. Gerontological Society of America, November 19, 2016. New Orleans, LA.
- ∞ **Massimo, L.** *Personal, interpersonal and environmental determinants of behavioral and psychological symptoms of dementia: Apathy*. Council for the Advancement of Nursing Science, September 15, 2016. Washington, DC.
- ∞ **Massimo, L.**, Munoz, E., Hill, N., Mogle, J., Fick, D., Mulhall, P. & Kolanowski, A. *APOE status and delirium severity in older adults with dementia*. Gerontological Society of America, November 19, 2015. Orlando, FL.
- ∞ **Massimo, L.**, Powers, J., Evans, L., McMillan, C., Eslinger, P., Ersek, M., Morgan, B. & Grossman, M. *Differentiating subtypes of apathy in young-onset dementia*. Gerontological Society of America, November 8, 2014. Washington, DC.
- Byrd, E., Harris, M., **Massimo, L.** & Whyte, E. *Physician and advanced practice nurse collaboration: Complementary care for the mental health needs of the elderly*. American Association for Geriatric Psychiatry, March 17, 2014. Orlando, FL.
- ∞ **Massimo, L.** *Neuroimaging biomarkers to examine apathy in frontotemporal degeneration*. Gerontological Society of America, November 21, 2013. New Orleans, LA.

Poster Presentations

∞ **Massimo, L.**, Hirschman, K., Fisher, L., Sharkey, M., Aryal, S., & Riegel, B. *Effectiveness of a virtual health coach intervention for caregivers of persons with frontotemporal degeneration.* Alzheimer's Association International Conference. July 31, 2022. Virtual Conference.

∞ Morgan, B., Fisher, L., Kalafsky, M., Greenfield, F., Hodgson, N & **Massimo, L.** *Evaluating time out weekly smile: A virtual intergenerational respite program for people living with dementia and their care partners.* American Academy of Hospice and Palliative Care Medicine. February 9, 2022. Virtual conference.

∞ Fisher, L., Hirschman, K. B., Riegel, B. & **Massimo, L.** *If I knew I only had a year of this, I could do this: Prognostic uncertainty in young-onset dementia.* American Academy of Hospice and Palliative Care Medicine. February 9, 2022. Virtual conference.

∞ Kinney N.G., Bove J., McMillan, C.T. & **Massimo L.** *The effect of social and leisure activity engagement on cortical thickness in behavioral variant frontotemporal degeneration.* American Academy of Neurology. Toronto, ON, Canada. April 28, 2020. (Conference canceled).

∞ Bove, J., Kinney, N.G., McMillan, C.T., & **Massimo, L.** *Cognitively complex occupations relate to slower cognitive and functional decline in behavioral variant frontotemporal degeneration.* American Academy of Neurology. Toronto, ON, Canada. April 28, 2020. (Conference canceled).

∞ Bove J, Kinney N.G., McMillian C.T., & **Massimo, L.** *Increased mental activity during life relates to slower decline in memory in behavioral variant frontotemporal degeneration.* The International Neuropsychological Society. February 7, 2020. Denver, CO.

∞ Pham, T., **Massimo, L.** & Cousins, K. *Protective effect of lifetime experiences on functional status in young-onset dementia.* Gerontological Society of America, November 13, 2019. Austin, TX.

∞ **Massimo, L.**, Nwadiogbu, C., McMillan, C.T. & Dahodwala, N. *Neural correlates of impaired motivation in parkinson's disease.* American Academy of Neurology, May 6, 2019. Philadelphia, PA.

∞ Dominguez Perez, Norise, C., Phillips, J., Vaddi, P., Rascovsky, K., Irwin, D., **Massimo, L.**, Grossman, M. & Cousins, K. *Clinical assessments to differentiate FTD and AD pathology in patients that meet bvFTD criteria.* 11th International Conference on Frontotemporal Dementias (ICFTD), November 13, 2018. Sydney, Australia.

∞ Caswell, C., McMillan, C., Xie, S., Grossman, M., & **Massimo, L.** *Genetic predictors of survival in frontotemporal degeneration.* 11th International Conference on Frontotemporal Dementias (ICFTD), November 12, 2018. Sydney, AUS 2018.

∞ Faulkner, K., Hennessy, L., Caswell, C., Elman, L., McCluskey, L., Van Deerlin, V., **Massimo, L.**, Irwin, D., Grossman, M., Xie, S.X. & McMillan, C.T. *Development of a secondary phenotype*

within the ALS/FTD spectrum in the presence of a C9orf72 expansion. 11th International Conference on Frontotemporal Dementias (ICFTD), November 12, 2018. Sydney, AUS.

∞ Dahodwala, N. McMillan, C., Nwadiogbu, C. Liu, J., Miller, A., Pavon, M. Weintraub, D. & **Massimo, L.** *Impaired performance on measures of goal-directed behavior are associated with greater caregiver burden in Parkinson's disease.* International Congress of Parkinson's Disease and Movement Disorders, October 8, 2018. Hong Kong.

∞ **Massimo, L.**, Caswell, C., Xie, S., X., McMillan, C. & Grossman, M. *Brain reserve and survival in young-onset dementia.* Society for Neuroscience, November 15, 2017. Washington, DC.

∞ **Massimo, L.**, McMillan, C.T., Xie, S., Rennert, L., Rascovsky, K., Kolanowski, A. & Grossman, M. *Occupational attainment influences longitudinal decline in young-onset dementia.* IAGG World Congress of Gerontology and Geriatrics, July 25, 2017. San Francisco, CA.

∞ **Massimo, L.**, McMillan, C.T., Xie, S., Rennert, L., Rascovsky, K., Kolanowski, A. & Grossman, M. *Occupational attainment influences longitudinal decline in frontotemporal degeneration.* Council for the Advancement for Nursing Science, September 17, 2016. Washington DC.

∞ Igne, C.M., **Massimo, L.**, Firm, K., Halpin, A., York., C., Kofman, O., Langey, R., Grossman, M. & McMillan, C. *Caregivers' attitudes toward their family members' participation in frontotemporal degeneration biomarker research: Gauging willingness.* 10th International Conference on Frontotemporal Dementias, August 31, 2016. Munich, Germany.

∞ **Massimo, L.**, Rennert, L., Xie, S., Van Deerlin, V., Irwin, D.J., McMillan, C. & Grossman, M. *Myelin oligodendrocyte basic protein and longitudinal decline in behavioral-variant frontotemporal degeneration.* American Academy of Neurology, April 21, 2016. Vancouver, British Columbia.

∞ Placek, K., Ternes, K., Olm, C., **Massimo, L.**, Woo, J., Elman, L., McKluskey, L., Irwin, D., Grossman, M. & McMillan, C. *Cognitive reserve is protective of frontotemporal grey matter and cognition in amyotrophic lateral sclerosis.* American Academy of Neurology, April 21, 2016. Vancouver, British Columbia.

∞ Halpin, A., Rascovsky, K., **Massimo, L.**, Irwin, D.J., McMillan, C., Grossman, M. *Evidence of social norm deficits in progressive supranuclear palsy.* American Academy of Neurology, April 20, 2016. Vancouver, British Columbia.

∞ Lim, N., **Massimo, L.**, Fitts, W., Dahodwala, N. & Grossman, M. (2015). *Differential apathy profiles in alzheimer's disease and parkinson's disease.* American Academy of Neurology, April 2015, Washington, DC.

- ∞ Rennert, L., Xie, S., **Massimo, L.**, Rascovsky, R., McMillan, C.T., & Grossman, M. (2015). *Occupational attainment delays cognitive decline in frontotemporal degeneration*. American Academy of Neurology, April 2015, Washington, DC
- ∞ **Massimo, L.**, Evans, L.K., McMillan, C.T., Rascovsky, C., Eslinger, P., Ersek, M., Morgan, B., Irwin, D.I. & Grossman, M. (2014). *Apathy in behavioral variant frontotemporal degeneration--Defining subtypes using a model of goal-directed behavior*. American Association for Geriatric Psychiatry, March 2014, Orlando, FL.
- ∞ **Massimo, L.**, Evans, L.K., Morgan, B., Powers, J. & Grossman, M. (2013). *Impaired motivation contributes to apathy in behavioral variant frontotemporal degeneration*. Gerontological Society of America, November 2013, New Orleans, LA.
- ∞ **Massimo, L.**, Evans, L.K., Morgan, B., Powers, J., Grossman, M. (2012). *Executive difficulty and apathy in behavioral variant frontotemporal degeneration*. Gerontological Society of America, November 2012, San Diego, CA.
- ∞ **Massimo, L.**, Morgan, B., Chandrasekaran, K., Boller, A., Camp, E., McMillan, C., Rascovsky, K. & Grossman, M. (2012). *Initiation difficulty and apathy in frontotemporal degeneration*. American Academy of Neurology, April 2012, New Orleans, LA.
- ∞ **Massimo, L.**, Libon, D., Morgan, B., Boller, A., Chandrasekaran, K. & M. Grossman. *Neural correlates for multiple tasks in frontotemporal degeneration*. Society for Neuroscience, November 2011, Washington, D.C.
- ∞ **Massimo, L.**, Libon, D., Morgan, B., Boller, A., Moore, P., & Grossman, M. *Metacognitive sensitivity to neuropsychological impairment in frontotemporal degeneration and alzheimer's disease*. American Academy of Neurology, April 2010, Toronto, Ontario, Canada.
- ∞ **Massimo, L.**, Anderson, C., Moore, P., Avantz, B., Libon, D. & Grossman, M. *Neuroanatomical correlates of apathy and disinhibition in frontotemporal dementia*. American Academy of Neurology, April 2007, Chicago, IL.
- ∞ **Massimo, L.**, Moore, P.N., Antani, S., Cross, G., McCawley, G. & Grossman, M. *Factors provoking caregiver distress in frontotemporal dementia*. The 5th International Conference on Frontotemporal Dementia, September 2006, San Francisco, CA.

CONSULTATION: RESEARCH/EDUCATIONAL

- 2020 **Massimo, L.** Identifying and Diagnosing Patients with Early Alzheimer's Disease Appropriate for Disease-Modifying Treatments. Eisai Pharmaceuticals, Philadelphia, PA October 24, 2020. (Co-Chair).

RECENT LECTURES BY INVITATION, SPEECHES AND WORKSHOPS

- 2022 *Impaired Goal Directed Behavior in Neurodegenerative Disease: Clinical and Neuroscientific Perspectives*. Mahoney Institute for Neurosciences, University of Pennsylvania, School of Medicine, March 9.
- 2022 *Meeting the Social Needs of Persons with Dementia and Supportive Approaches for Caregivers*. Pennsylvania Secretary of Aging Robert Torres Visit: A Sampling of Aging Research at the University of Pennsylvania and the University of Pittsburgh, January 28.
- 2021 *Apathy in Frontotemporal Degeneration*, The Association for Frontotemporal Degeneration Annual Conference, virtual conference, May 14.
- 2020 *Brain-Behavior Connections in Behavioral Frontotemporal Degeneration*, The Association for Frontotemporal Degeneration Annual Caregiver Conference, Baltimore, MD, April 17. (Conference canceled).
- 2020 *Apathy in Dementia*, University of Pennsylvania School of Medicine, Neurology residents lecture. Philadelphia, PA, June 17.
- 2019 *Caregiver Burden and Needs in Young-Onset Dementia*, Pennsylvania Secretary of State Robert Torres visit to University of Pennsylvania, Institute on Aging, Philadelphia, PA, October 16.
- 2018 *The Cognitive and Neural Basis for Symptoms of Neurodegenerative Disease*, New Courtland Center for Transitions and Health, University of Pennsylvania, School of Nursing, Philadelphia, PA, December 4
- 2018 *State of the Science on Aging, Dementia and Mental Health*, National Hartford Center for Gerontological Nursing Excellence Annual Leadership Conference, Boston, MA, November 14
- 2018 *Precision Science*, National Hartford Center for Gerontological Nursing Excellence Annual Leadership Conference, Boston, MA, November 13
- 2018 *Decision Making in Advanced Illness*, 9th Annual Frontotemporal Dementia Caregiver Conference, Philadelphia, PA, June 8.
- 2017 *State of the Science: Apathy as Model for Investigating Behavioral and Psychological Symptoms of Dementia*, National Hartford Center of Gerontological Nursing Excellence Leadership Conference, San Francisco, CA, July 22.
- 2017 *From Bench to Bedside: Understanding Molecules, Pathways and Biomarkers to Individualize Care for Older Adults*, National Hartford Center of Gerontological Nursing Excellence Leadership Conference, San Francisco, CA, July 22.

- 2017 *Decision Making in Advanced Illness*, 8th Annual Frontotemporal Dementia Caregiver Conference, Philadelphia, PA, May 12.
- 2017 *Brain-Behavior Relationships in Frontotemporal Degeneration*, The Association for Frontotemporal Degeneration, 2017 Education Conference, Baltimore, MD, May 5.
- 2017 *Factors Influencing Heterogeneity in Frontotemporal Degeneration*, Center for Neurodegenerative Disease Research, University of Pennsylvania, School of Medicine, Philadelphia, PA, February 16.
- 2017 *Factors Influencing Heterogeneity in Young-Onset Dementia*, Indiana University, School of Nursing, Indianapolis, IN, February 28.
- 2016 *End of Life Care in Young Onset Dementia*, State of Delaware Health and Social Services, Newark, DE, December 15.
- 2015 *Decision Making in Advanced Illness*, 7th Annual Frontotemporal Dementia Caregiver Conference, Philadelphia, PA, July 24.
- 2014 *Issues of Informed Consent in Frontotemporal Degeneration*, Office for Human Research Protections Research Community Forum, Philadelphia, PA, October 23.
- 2013 *Decision Making in Advanced Disease*, 5th Annual Frontotemporal Dementia Caregiver Conference; Philadelphia, PA, June 7.
- 2011 *Situated Possibilities: Drawing on Existential Skills of Dwelling for Research in Caring for the Cognitively Impaired*, Patricia Benner & Lauren Massimo, University of Pennsylvania, School of Nursing, March 29.
- 2009 *Nursing and End of Life Care*, 3rd Annual Frontotemporal Dementia Caregiver Conference, Philadelphia, PA, July 10.
- 2007 *Nursing and End of Life Care*, 2nd Annual Frontotemporal Dementia Caregiver Conference, Philadelphia, PA, June 22.

MEETING/CONFERENCE ORGANIZING ROLES

- | | | |
|------|------------------|---|
| 2021 | Symposium Chair | <i>Promoting Self-Care in Caregivers of Older Adults Living With Chronic Illness: The iCare4Me Study</i> . The Gerontological Society of America's Annual Meeting, November 12. |
| 2021 | Meeting Co-Chair | <i>The Annual Meeting of the Geropsychiatric Nursing Collaborative</i> . National Hartford Center for Geriatric Nursing Excellence Leadership Conference. October 28. |
| 2020 | Symposium Chair | <i>Technology-Based Applications for the Assessment and Management of Alzheimer's Disease and Related Disorders</i> . The Gerontological Society of America's Annual Meeting, November 6. |

2017-2018	Planning Committee	2018 Lewy Body Dementia Association Education Conference
2016-2017	Planning Committee	2017 National Hartford Centers of Geriatric Nursing Excellence Leadership Conference
2015-present	Abstract Reviewer	The Gerontological Society of America Annual Conference
2012-present	Organizer	Hartford Gerontological Nursing Leaders, Geropsychiatric Nursing Collaborative Annual Breakfast Meeting

MEMBERSHIPS IN PROFESSIONAL & SCIENTIFIC SOCIETIES & OFFICES HELD

2022-present	American Geriatric Society
2020-present	International Society for Frontotemporal Dementias
2016-present	Council for the Advancement of Nursing Science
2012-present	American Academy of Neurology
2007-present	Gerontological Society of America, Health Sciences Section
2002-present	Sigma Theta Tau International Honor Society of Nursing

SELECTED PROFESSIONAL ACTIVITIES & OFFICE HELD

Peer Reviewer

2022	Scientist Reviewer, Department of Defense (DOD), Technology/Therapeutic Development Award
2022	Reviewer, Alzheimer's Disease Research Center, University of Pennsylvania, Pilot Project Grant
2021	Clinician Reviewer, Department of Defense (DOD), Discovery Award Neurological Disorders
2019	Reviewer, Indiana Alzheimer's Disease Center, Pilot Project Grant
2012-present	Ad-hoc Reviewer Brain; JAMA Neurology; Neurology; Journal of Alzheimer's Disease; Neuroimage; Journal of the American Geriatric Society, International Journal of Older People Nursing; Journal of Gerontological Nursing; Geriatric Nursing; Neuropsychologia

Positions Held

2021	Co-Chair, Geropsychiatric Nursing Collaborative (GPNC), National Hartford Centers of Gerontological Nursing Excellence (NHCGNE)
2021	International Advisory Board Member, German Center for Neurodegenerative Disease (DZNE)/Witten.
2021-2022	Advisory Board Member, Penn Artificial Intelligence and Technology Collaboratory for Healthy Aging (P30AG073105), NIH/NIA

SERVICE ACTIVITIES AT CURRENT PLACE OF EMPLOYMENT

School of Nursing Committees

2021-current	PhD curriculum committee, School of Nursing
2020-2021	Chair of Bylaws Committee, School of Nursing
2020-2021	Peer Mentorship Program, School of Nursing PhD Program, Faculty mentor

2019-2021 Penn Nursing Research & Innovation Strategic Plan Work Group, Member
2019-current Bylaws Committee Member, School of Nursing

University of Pennsylvania/Cross School

2020-current Faculty advisor, American Geriatric Society (AGS) student interest group

DOCTORAL DISSERTATION COMMITTEES AND POST DOCS MENTORED

Carrie Caswell, PhD. (2017-2019). “Measurement Error and Missing Data Methods for Biomarker Research.” Committee Member, University of Pennsylvania School of Medicine, Department of Biostatistics.

Eniat Brenner, PhD. (2020). “Relationship Between Cognitive Reserve and Connectivity in Traumatic Brain Injury.” Committee Member, The Pennsylvania State University, College of Psychology.

Brianna Morgan, PhD(c), MSN, CRNP (2019-present). “Inner Strength in Persons Living with Dementia.” Co-Mentor, University of Pennsylvania School of Nursing.

Yeji Hwang, PhD(c), MSN, RN (2018-present). “The Influence of Social Isolation on Anxiety in People with Cognitive Impairment.” Co-Mentor, University of Pennsylvania School of Nursing.

Isabel Yannatos, (2021-present). “Social Epigenetics of Environmental Contributions to Racial Disparities in Cognitive Health.” Dissertation Chair, University of Pennsylvania School of Medicine, Department of Neuroscience.

Kerry Howard, MS (2021-present). “Methodological Considerations for the Study of Cognitive Reserve and its Relationship to Cognitive Decline.” Committee Member, Department of Public Health Sciences, Clemson University.

Post-Doctoral Fellows

Diego Lombardo, MD, PhD (2021-2022). “Genetic variation in Frontotemporal Degeneration.” Co-Mentor, University of Pennsylvania School of Medicine, Department of Neurology.

Adele Crouch, PhD, RN (2021-present). “Genetic Variation Contributes to Inverse Relationship Between Cancer and Alzheimer’s disease.” Mentor, University of Pennsylvania School of Nursing.

MENTORED PROFESSIONALS

Rebecca Neergaard (Neuroscience and Economics undergraduate student/Temple University); Advisor for summer internship, 2018

Kayla Blair (Neuroscience undergraduate student/Johns Hopkins University); Advisor for summer internship, 2016, 2017

Hannah Jin (Biological Basis of Behavior undergraduate student/University of Pennsylvania);
Advisor for summer internship, 2018, 2019, 2021

Nikolas Kinney (Pre-medical student/University of Pennsylvania); Advisor for research project,
“Cognitive reserve in young-onset dementia” 2020-2021