

CURRICULUM VITAE

Ashley M. Henneghan
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EDUCATION AND DEGREES

BSN	Pennsylvania State University, School of Nursing, PA Field of Study: Nursing	2008
MSN	University of Texas at Austin, School of Nursing, Adult Health, TX Field of Study: Holistic Adult Health, Nursing Education	2014
PhD	University of Texas at Austin, School of Nursing, Nursing Science, TX Field of Study: Cancer and Cognition Title of Dissertation: Modifiable Contributors to Cognition in Breast Cancer Survivors Dissertation Advisor: Alexa Stuijbergen, PhD, RN, FAAN Funded by a National Research Service Award (F31NR015707) and the American Cancer Society Doctoral Dissertation Award (DSCN-15-072)	2017
Postdoctoral Fellowship	University of Texas MD Anderson Cancer Center, Neuro-Oncology, TX Field of Study: Aging, Cancer, and Cognition Postdoc Mentor: Shelli Kesler, PhD	2018

LICENSURE

Registered Nurse State of Texas	2008—present
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PROFESSIONAL EXPERIENCE

The University of Texas at Austin, School of Nursing

Associate Professor, Holistic Adult Health Division	2024—present
Assistant Professor, Holistic Adult Health Division	2018—2024

Faculty Affiliations

Dell Medical School, Department of Oncology	2018—present
Livestrong Cancer Institutes	2018—present
Population Research Center	2018—present
Center for Interprofessional Education	2018—present

Clinical Nursing Practice

Case Manager, Quality Manager, Odyssey Hospice, Austin, TX	2009—2012
Staff Nurse, Telemetry, Critical Care, St. David's Hospital, Austin, TX	2008—2009

Consultant

Prodeo, LLC.

2023—present

Provide consulting on tactical aspects of designing and implementing market research projects for brain health related technologies

HONORS AND AWARDS

University of Texas at Austin School of Nursing Dean's Excellence in Research Award	2024
University of Texas at Austin School of Nursing Rising Star Award	2023
University of Texas at Austin Provost's Mentored Faculty Scholar	2022—2023
Dean's Excellence Award for Publications, University of Texas at Austin	2021
Ed and Molly Smith Centennial Fellow in Nursing, University of Texas at Austin	2021—2025
Innovation in Teaching Award, The University of Texas at Austin	2020
American Academy of Nursing Fellow	2020
Young Investigator Award— International Cancer and Cognition Task Force	2018
MD Anderson Post Doc Fellow Cancer Survivorship Abstract Award	2018
Publisher of the Year Award, Central Texas Oncology Nursing Society	2018
Dissertation Writing Fellowship, the University of Texas at Austin	2017
Jonas Nurse Leaders Scholar, American Academy of Nursing	2014—2016
Graduate Fellowships, University of Texas at Austin	2012—2017
Nursing Honor Society Induction, Sigma Theta Tau International	2008

PUBLICATIONS – Peer Reviewed Articles

H-index: 16, i10-index 18

Mentoring and Collaboration Legend: § = with graduate student or postdoctoral fellow, ¥ = with undergraduate student, ◇ = with clinical faculty, or clinician, □ = interdisciplinary collaboration

44. □◇ Paolillo, E., Bomyea, J., Depp, C., **Henneghan, A.**, Raj, A., Moore, R. Characterizing performance and normative standards on a suite of english-language NeuroUX mobile cognitive tests. *Journal of Medical Internet Research*.
43. §□◇ Haywood, D., Baughman, F., Chan, A., Chan, R., Dauer, E., Dhillon, H., **Henneghan, A.**, Lawrence, B., Lustberg, M., Vardy, J., Rossel, S., Hart, N., O'Connor, M. Protocol for the Development and Initial Validation of the COG-IMPACT Tool: A Purpose-Built Unmet Needs Assessment for Cancer-Related Cognitive Impairment. *Methods and Protocols*. 2024;7(4):54. PubMed PMID: doi:10.3390/mps7040054.
42. §□◇ Haywood, D., Henry, M., Dauer, E., Lederman, O., Farley, M., **Henneghan, A.**, O'Connor, M., Jefford, M., Rossel, S., Hart, N. *Cancer-related cognitive impairment as a key contributor to psychopathology in cancer survivors: implications for prevention, treatment and supportive care. Supportive Care in Cancer*.
41. §□◇ Franco-Rocha, O., Lewis, K., Kesler, S., **Henneghan, A.** An exploratory analysis of potential contributors to cognitive functioning among sexual and gender minority individuals who had COVID-19. *ournal of homosexuality, 1–16. Advance online publication. https://doi.org/10.1080/00918369.2024.2309497*
40. □◇ Kesler, S. R., **Henneghan, A. M.**, Prinsloo, S., Palesh, O., & Wintermark, M. (2023). Neuroimaging based biotypes for precision diagnosis and prognosis in cancer-related cognitive impairment. *Frontiers in Medicine, 10*. https://doi.org/10.3389/fmed.2023.1199605
39. □§ **Henneghan A.**, Van Dyk, K., Paolillo E., Ackerman, R., Moore, R.C. (2023). Assessing cancer-related cognitive function in the context of everyday life using ecological mobile cognitive testing: a protocol for a prospective quantitative study. *Digital Health, 2023;9*, doi:10.1177/20552076231194944

38. □◇ **Henneghan, A. M.**, Van Dyk, K., Zhou, X., Moore, R. C., Root, J. C., Ahles, T. A., Nakamura, Z. M., Mandelblatt, J., & Ganz, P. A. (2023). Validating the PROMIS cognitive function short form in cancer survivors. *Breast Cancer Research and Treatment*, 10.1007/s10549-023-06968-2. Advance online publication. <https://doi.org/10.1007/s10549-023-06968-2>.
37. □§ Franco-Rocha, O. Y., Wheldon, C. W., Trainum, K., Kesler, S. R., & **Henneghan, A. M.** (2023). Clinical, psychosocial, and sociodemographic factors of sexual and gender minority groups with cancer: A systematic review. *European Journal of Oncology Nursing*, 64, 102343. <https://doi.org/10.1016/j.ejon.2023.102343>
36. □§ Franco-Rocha, O. Y., Wheldon, C. W., Osier, N., Lett, E., Kesler, S. R., **Henneghan, A. M.**, & Suárez-Baquero, D. F. M. (2023). Cisheteronormativity and its influence on the psychosocial experience of LGBTQ+ people with cancer: A qualitative systematic review. *Psycho-Oncology*, 10.1002/pon.6133. Advance online publication. <https://doi.org/10.1002/pon.6133>
35. □ Moore, R. C., & **Henneghan, A. M.** (2023). Examining individual differences in the within-person process of perceived stress and cognitive functioning to advance precision health: commentary on "sex differences in the relationship between perceived stress and cognitive trajectories" by paolillo et al. *The American Journal of Geriatric Psychiatry*, S1064-7481(23)00153-7. Advance online publication. <https://doi.org/10.1016/j.jagp.2023.01.018>
34. □ **Henneghan, A. M.**, & Kesler, S. R. (2022). Subjective cancer-related cognitive impairments and salience network connectivity in breast cancer survivors. *Journal of Cancer Survivorship*, 10.1007/s11764-022-01307-8. Advance online publication. <https://doi.org/10.1007/s11764-022-01307-8>
33. □ Kesler, S. R., **Henneghan, A. M.**, Thurman, W., & Rao, V. (2022). Identifying themes for assessing cancer-related cognitive impairment: topic modeling and qualitative content analysis of public online comments. *JMIR Cancer*, 8(2), e34828. <https://doi.org/10.2196/34828>
32. Cuevas, H., Danesh, V., & **Henneghan, A.M.** (2022). Self-reported cognitive function in persons with non-neurological chronic diseases: a systematic review. *Journal of Aging Research*, 2022, 5803337. <https://doi.org/10.1155/2022/5803337>
31. □§ **Henneghan, A. M.**, Lewis, K. A., Gill, E., & Kesler, S. R. (2022). Cognitive impairment in non-critical, mild-to-moderate COVID-19 survivors. *Frontiers in Psychology*, 13, 770459. <https://doi.org/10.3389/fpsyg.2022.770459>
30. □§ **Henneghan, A. M.**, Fico, B. G., Wright, M. L., Kesler, S. R., & Harrison, M. L. (2022). Effects of meditation compared to music listening on biomarkers in breast cancer survivors with cognitive complaints: secondary outcomes of a pilot randomized control trial. *Explore*, 18(6), 657–662. <https://doi.org/10.1016/j.explore.2021.10.011>
29. § Choi, E., & **Henneghan, A. M.** (2022). Comparing fatigue, loneliness, daytime sleepiness, and stress in younger and older breast cancer survivors: a cross-sectional analysis. *Clinical Journal of Oncology Nursing*, 26(2), 155–164. <https://doi.org/10.1188/22.CJON.155-164>
28. □◇ Phillips, F., Prezio, E., Miljanic, M., **Henneghan, A.M.**, Currin-McCulloch, J., Jones, B., Kvale, E., Goodgame, B., & Eckhardt, S. G. (2022). Patient reported outcomes affecting quality of life in socioeconomically disadvantaged cancer patients. *Journal of Psychosocial Oncology*, 40(2), 247–262. <https://doi.org/10.1080/07347332.2021.1915441>

27. ¥ Franco-Rocha, O. Y., Carillo-Gonzalez, G. M., Garcia, A., & **Henneghan, A.M.** (2021). Cancer survivorship care in colombia: review and implications for health policy. *Hispanic Health Care International*, 20(1), 66–74. <https://doi.org/10.1177/15404153211001578>
26. § □ Kesler, S. R., Tang, T., **Henneghan, A. M.**, Wright, M., Gaber, M. W., & Palesh, O. (2021). Cross-sectional characterization of local brain network connectivity pre and post breast cancer treatment and distinct association with subjective cognitive and psychological function. *Frontiers in Neurology*, 12, 746493. <https://doi.org/10.3389/fneur.2021.746493>
25. □ **Henneghan, A. M.**, Becker, H., Phillips, C., & Kesler, S. (2021). Sustained effects of mantra meditation compared to music listening on neurocognitive outcomes of breast cancer survivors: A brief report of a randomized control trial. *Journal of Psychosomatic Research*, 150, 110628. <https://doi.org/10.1016/j.jpsychores.2021.110628>
24. ¥ □ § **Henneghan, A. M.**, Lewis, K. A., Gill, E., Franco-Rocha, O. Y., Vela, R. D., Medick, S., & Kesler, S. R. (2021). Describing cognitive function and psychosocial outcomes of COVID-19 survivors: A cross-sectional analysis. *Journal of the American Association of Nurse Practitioners*, 10.1097/JXX.0000000000000647. Advance online publication. <https://doi.org/10.1097/JXX.0000000000000647>
23. □ § Harrison, R. A., Sharafeldin, N., Rexer, J. L., Streck, B., Petersen, M., **Henneghan, A. M.**, & Kesler, S. R. (2021). Neurocognitive impairment after hematopoietic stem cell transplant for hematologic malignancies: phenotype and mechanisms. *The Oncologist*, 26(11), e2021–e2033. <https://doi.org/10.1002/onco.13867>
22. □ ♦ **Henneghan, A. M.**, Van Dyk, K., Kaufmann, T., Harrison, R., Gibbons, C., Heijnen, C., & Kesler, S. R. (2021). Measuring self-reported cancer-related cognitive impairment: recommendations from the cancer neuroscience initiative working group. *Journal of the National Cancer Institute*, 113(12), 1625–1633.
21. Danesh, V., Zuñiga, J. A., Timmerman, G. M., Radhakrishnan, K., Cuevas, H. E., Young, C. C., **Henneghan, A. M.**, Morrison, J., & Kim, M. T. (2021). Lessons learned from eight teams: The value of pilot and feasibility studies in self-management science. *Applied Nursing Research*, 57, 151345. <https://doi.org/10.1016/j.apnr.2020.151345>
20. □ ¥ § **Henneghan, A.M.**, Wright, M. L., Bourne, G., & Sales, A. C. (2021). A cross-sectional exploration of cytokine-symptom networks in breast cancer survivors using network analysis. *The Canadian Journal of Nursing Research*, 53(3), 303–315. <https://doi.org/10.1177/0844562120927535>
19. □ ¥ § ♦ **Henneghan, A. M.**, Becker, H., Harrison, M. L., Inselmann, K., Fico, B., Schafer, H., King, E., Patt, D., & Kesler, S. (2020). A randomized control trial of meditation compared to music listening to improve cognitive function for breast cancer survivors: Feasibility and acceptability. *Complementary Therapies in Clinical Practice*, 41, 101228. <https://doi.org/10.1016/j.ctcp.2020.101228>
18. □ Zuñiga, J. A., Harrison, M. L., **Henneghan, A.M.**, García, A. A., & Kesler, S. (2020). Biomarkers panels can predict fatigue, depression and pain in persons living with HIV: A pilot study. *Applied Nursing Research*, 52, 151224. <https://doi.org/10.1016/j.apnr.2019.151224>
17. □ ♦ **Henneghan, A.**, Rao, V., Harrison, R. A., Karuturi, M., Blayney, D. W., Palesh, O., & Kesler, S. R. (2020). Cortical brain age from pre-treatment to post-chemotherapy in patients with breast cancer. *Neurotoxicity Research*, 37(4), 788–799. <https://doi.org/10.1007/s12640-019-00158-z>

16. □♦ **Henneghan, A. M.**, Gibbons, C., Harrison, R. A., Edwards, M. L., Rao, V., Blayney, D. W., Palesh, O., & Kesler, S. R. (2020). Predicting patient reported outcomes of cognitive function using connectome-based predictive modeling in breast cancer. *Brain Topography*, *33*(1), 135–142. <https://doi.org/10.1007/s10548-019-00746-4>
15. □ **Henneghan, A.**, Haley, A. P., & Kesler, S. (2020). Exploring relationships among peripheral amyloid beta, tau, cytokines, cognitive function, and psychosomatic symptoms in breast cancer survivors. *Biological Research for Nursing*, *22*(1), 126–138. <https://doi.org/10.1177/1099800419887230>
14. §♦ **Henneghan, A.**, Phillips, C., & Courtney, A. (2018). We are different: young adult survivors' experience of breast cancer. *The Breast Journal*, *24*(6), 1126–1128. <https://doi.org/10.1111/tbj.13128>
13. □♦ **Henneghan, A. M.**, Palesh, O., Harrison, M., & Kesler, S. R. (2018). Identifying cytokine predictors of cognitive functioning in breast cancer survivors up to 10 years post chemotherapy using machine learning. *Journal of Neuroimmunology*, *320*, 38–47. <https://doi.org/10.1016/j.jneuroim.2018.04.012>
12. □§ **Henneghan, A. M.**, Carter, P., Stuijbergen, A., Parmelee, B., & Kesler, S. (2018). Relationships between self-reported sleep quality components and cognitive functioning in breast cancer survivors up to 10 years following chemotherapy. *Psycho-Oncology*, *27*(8), 1937–1943. <https://doi.org/10.1002/pon.4745>
11. □♦ **Henneghan, A.**, Stuijbergen, A., Becker, H., Kesler, S., & King, E. (2018). Modifiable correlates of perceived cognitive function in breast cancer survivors up to 10 years after chemotherapy completion. *Journal of Cancer Survivorship*, *12*(2), 224–233. <https://doi.org/10.1007/s11764-017-0661-9>
10. Becker, H., Stuijbergen, A. K., **Henneghan, A.**, Morrison, J., Seo, E. J., & Zhang, W. (2019, Epub 2017 May 29.). An initial investigation of the reliability and validity of the compensatory cognitive strategies scale. *Neuropsychological Rehabilitation*, *29*(5), 739–753. <https://doi.org/10.1080/09602011.2017.1329154>
9. □¥ **Henneghan, A.**, Stuijbergen, A., Becker, H., Kullberg, V., & Gloris, N. (2017). Perceived cognitive deficits in a sample of persons living with multiple sclerosis. *The Journal of Neuroscience Nursing*, *49*(5), 274–279. <https://doi.org/10.1097/JNN.0000000000000314>
8. □♦ Kesler, S. R., Adams, M., Packer, M., Rao, V., **Henneghan, A. M.**, Blayney, D. W., & Palesh, O. (2017). Disrupted brain network functional dynamics and hyper-correlation of structural and functional connectome topology in patients with breast cancer prior to treatment. *Brain and Behavior*, *7*(3), e00643. <https://doi.org/10.1002/brb3.643>
7. □♦ Becker, H., **Henneghan, A. M.**, Volker, D. L., & Mikan, S. Q. (2017). A pilot study of a cognitive-behavioral intervention for breast cancer survivors. *Oncology Nursing Forum*, *44*(2), 255–264. <https://doi.org/10.1188/17.ONF.255-264>
6. □♦ Becker, H., Stuijbergen, A. K., Schnyer, R. N., Morrison, J. D., & **Henneghan, A.** (2017). Integrating acupuncture within a wellness intervention for women with multiple sclerosis. *Journal of Holistic Nursing*, *35*(1), 86–96. <https://doi.org/10.1177/0898010116644833>
5. **Henneghan A.** (2016). Modifiable factors and cognitive dysfunction in breast cancer survivors: a mixed-method systematic review. *Supportive Care in Cancer*, *24*(1), 481–497. <https://doi.org/10.1007/s00520-015-2927-y>

4. □◇ Becker, H., **Henneghan, A.**, & Mikan, S. Q. (2015). When do I get my brain back? breast cancer survivors' experiences of cognitive problems. *Clinical Journal of Oncology Nursing*, 19(2), 180–184. <https://doi.org/10.1188/15.CJON.180-184>

3. **Henneghan, A. M.**, & Harrison, T. (2015). Complementary and alternative medicine therapies as symptom management strategies for the late effects of breast cancer treatment. *Journal of Holistic Nursing*, 33(1), 84–97. <https://doi.org/10.1177/0898010114539191>

2. □◇ **Henneghan, A. M.**, & Schnyer, R. N. (2015). Biofield therapies for symptom management in palliative and end-of-life care. *the American Journal of Hospice & Palliative Care*, 32(1), 90–100. <https://doi.org/10.1177/1049909113509400>

1. □◇ Patt, D., Toth, S., **Henneghan, A.**, Mikan, S (2013). How to begin a survivorship program in your community. *Community Oncology*, 10 (9): 272-276. <https://doi.org/10.12788/j.cmonc.0058>

PUBLICATIONS – Published Abstracts

Cuevas, H., Danesh, V., **Henneghan, A.** (2021). Systematic review of subjective cognitive dysfunction measures in non-neurologic chronic conditions. *Annals of Behavioral Medicine*. 55, S439-S439.

Henneghan, A., Becker, H (2019). Improving cognitive and psychosocial symptoms and social functioning in breast cancer survivors. *Archives of Physical and Medical Rehabilitation*. 2019. Sept. 100(10):e90. doi: 10.1016/j.apmr.2019.08.261

¥ Osier, N., Slote, C., McGreevy, E., **Henneghan, A** (2018). Ultrasensitive quantification of inflammatory biomarkers in breast cancer survivors. *Journal of Immunology*. 2018 May; 200 (1 Supplement).

□ Becker, H., Stuijbergen, A., & **Henneghan, A** (2015). Does working moderate the relationship of depression and cognitive performance in those with ms? *Annals of Behavioral Medicine*. 49, S113 S113.

PUBLICATIONS – Under Review

Mentoring and Collaboration Legend: § = with graduate student or postdoctoral fellow, ¥ = with undergraduate student, ◇ = with clinical faculty, or clinician, □ = interdisciplinary collaboration

□◇ Kaufmann, T., Kearney, M., Saxton, J., Goodfellow K., Smith, C., Chang, P., Sebastian, K., Galaznik, A., Scott, J., Cortez, D., Kvale, E., Kamal, A., Bennett, A., Stover, A., **Henneghan, A.**, Pignone, M., Rocque, B. Pilot study to assess the feasibility, acceptability, and appropriateness of using ePROs to screen patients with advanced solid cancers for palliative care needs. *Journal of Palliative Medicine*.

§□◇ Haywood, D., **Henneghan, A.**, Chan, A., Chan, R., Dhillon, H., Lustberg, M., Vardy, J., O'Connor, M., Elvide, N., Dauer, E., Franco-Rocha, O., Vasan, S., Murray, J., Chrichton, M., Wilding, H., Rossell, S., Hart, N. Effectiveness of non-pharmacological interventions to improve cognition in cancer: an overview of systematic reviews. *Nature Cancer*

¥ §□◇ **Henneghan, A.M.**, Van Dyk, K., Haywood, D., Patel, M., Franco-Rocha, O.Y., Bang, S., Longley, T., Tasker, R., Paolillo, E., Moore, R.C., Hart, N.H. Characterizing Cancer-Related Cognitive Impairments and Impact on Quality of Life in Women with Metastatic Breast Cancer. *Breast Cancer Research and Treatment*.

□◇ Campbell, L., Weinstein, A., **Henneghan, A.**, Paolillo, E., Ackerman, R., Bomyea, J., Depp, C., Harvey, P., Twamley E., Pinkham, A., Moore, R. Mean performance predicts within-person variability on smartphone-based cognitive testing. *NPP-Digital Psychiatry and Neuroscience*

§□◇ Kesler, S., Franco-Rocha, O., Schutz, A., Lewis, K., Aziz, R., **Henneghan, A.**, Melamed, E., Brode, M. Altered functional brain connectivity, efficiency, and information flow associated with brain fog after mild to moderate COVID-19 infection. *Scientific Reports*

PENDING SPONSORED RESEARCH FUNDING

- 12/2024—11/2029 Music Listening to Optimize Cancer-Related Cognitive and Psychological Functioning. National Cancer Institutes, 1R01CA296156-01. Role: Principal Investigator. \$3,363,176, total costs. 40% effort (Scientific Review June 5, 2024).
- 4/2024—3/2029 Personalized Music Listening to Improve Cognition After Breast Cancer. National Cancer Institutes, R61 CA278937. Role: Principal Investigator. \$2,664,222, total costs. 30% effort (scored 36, October 2023).

SPONSORED RESEARCH FUNDING

- 3/2023—3/2025 Defining Cognitive Patient Reported Outcomes of Breast Cancer Survivors in the Context of Everyday Functioning and Quality of Life. National Institute for Nursing Research, R21NR020497. Role: Principal Investigator. \$442,716, total costs. 20% effort.
- 7/2020—6/2025 Precision Health Intervention Methodology Training in Self-Management of Multiple Chronic Conditions. National Institute for Nursing Institute, T32NR019035. Role: Core Faculty and Mentor (PI: Kim, UT Austin). \$944,788 total costs. 5% effort (in kind).
- 3/2020—3/2024 Brain Connectivity and Self-Reported Cancer Related Cognitive Impairment. National Institute for Nursing Institute, K01NR018970. Role: Principal Investigator. \$274,891 total costs. 75% effort.
- 9/2018—8/2023 Predicting Long-Term Chemotherapy-Related Cognitive Impairment. Role: Co-investigator (PI: Kesler, UT Austin). National Cancer Institute, R01CA226080. \$3,110,811 total costs. 5% effort.
- 9/2012—11/2023 Very Long-Term Neurocognitive Outcomes in Breast Cancer Survivors. National Cancer Institute, R01CA172145. Role: Co investigator (MPIs: Kesler (UT Austin); Palesh (Stanford)). \$1,646,303 total costs. Co-I, 5% effort.
- 8/2019—9/2020 Overlap in the Mechanisms of Alzheimer Disease and Cancer Related Cognitive Impairment. Supplement to R01CA172145. Role: Co investigator (MPIs: Kesler (UT Austin); Palesh (Stanford)). \$223,888 total costs. 5% effort.
- 8/2019—12/2020 Accelerator Grant. Neurodegenerative and Inflammatory Predictors of Cancer Related Cognitive Impairment in Breast Cancer Patients. Quanterix Corporation. Role: Principal Investigator. \$50,000 total costs. 5% effort (in kind).

- 4/2016—8/2017 Biobehavioral Contributors to Cognition in Breast Cancer Survivors. National Institute for Nursing Research, F31NR015707. Role: Principal Investigator. \$65,464 total costs. 100% effort.
- 7/2015—7/2017 Modifiable Correlates of Cognition in Breast Cancer. American Cancer Society, DSCN-15-072. Role: Principal Investigator. \$30,000 total costs.

INTERNAL RESEARCH FUNDING

- 1/2024—12/2024 Assessing the Impact of Diagnosis and Surgery on Cognitive and Psychological Functioning in Patients Treated for Melanoma. St. David's Center for Health Promotion Research, Research Grant. Role: Principal Investigator. \$25,000 total costs. 5% effort year 1 (in kind).
- 1/2023—12/2023 Assessing Cancer Related Cognitive Impairment Using Ecological Momentary Assessments and Mobile Cognitive Tasks. American Cancer Society Institutional Grant, IRG-21-135-01-IRG. Role: Principal Investigator. \$50,000 total costs. 5% effort year 1 (in kind).
- 6/2020—8/2020 Summer Research Award. Improving Brain Function After Cancer via a Smartphone. University of Texas at Austin. \$14,873 total costs. Summer effort.
- 10/2018—10/2019 POSTCARE-O: Patient-Owned Survivorship Care Planning in Ovarian Cancer. Role: Consultant (PI: Kvale, UT Austin). The University of Texas at Austin, Livestrong Cancer Institutes. \$25,000 total cost. 2% effort (in kind)
- 9/2018—12/2019 Improving Cognition in Breast Cancer Survivors using Meditation. 5P30NR015335 (PI: Kim), Pilot Grant (\$25,000 total costs) and the St. David's Center for Health Promotion and Disease Prevention (\$20,000 total costs). Role: Principal Investigator. 10% effort (in kind).

RESEARCH PRESENTATIONS – Peer Reviewed

Mentoring and Collaboration Legend: § = with graduate student or postdoctoral fellow, ¥ = with undergraduate student, ◇ = with clinical faculty, or clinician, □ = interdisciplinary collaboration

International

- ◇□ **Henneghan, A.M.**, Paolillo, E.M., Van Dyk, K., Tasker, R., Moore, R.C. “Pairing Ecological Momentary Assessments with Mobile Cognitive Tests to Study Cancer-Related Cognitive Impairments”. Multinational Association for Supportive Care in Cancer/AFSOS/ISOO 2024 Annual Meeting. Lille, France. June 27-29.
- ◇□ **Henneghan, A.M.**, Van Dyk, K., Paolillo, E.M., Tasker, R., Moore, R.C. “Impact of Cognitive and Psychological Functioning on Quality of Life in Person’s Living with Metastatic Breast Cancer”. Multinational Association for Supportive Care in Cancer/AFSOS/ISOO 2024 Annual Meeting. Lille, France. June 27-29.
- ◇□ Longley, T., Tasker, R., **Henneghan, A.M.** (accepted). “Cognitive Patient Reported Outcomes in Person’s Living with Metastatic Breast Cancer. Multinational Association for Supportive Care in Cancer/AFSOS/ISOO 2024 Annual Meeting. Lille, France. June 27-29.

§ Franco-Rocha, O.Y., **Henneghan, A.M**, Kesler, S.R. “Cognitive and psychosocial outcomes: Differences between sexual and gender minority and heterosexual cisgender COVID-19 survivors”. 47th Biennial Sigma Theta Tau International Convention. November 11-15, 2023.

◇ **Henneghan, A.**, Van Dyk, K., Ganz, P. “Using the PROMIS cognitive function short form 8A to assess cancer related cognitive impairment: validation and clinical cut points”. Multinational Association of Supportive Care in Cancer (MASCC) Annual Meeting. Toronto, CA, June 23-35, 2022.

§ Choi, E., **Henneghan, A.** “Direct and indirect effects of stress on loneliness in younger breast cancer survivors: a mediation analysis”. Multinational Association of Supportive Care in Cancer (MASCC) Annual Meeting. Toronto, CA, June 23-35, 2022.

§ **Henneghan, A.**, Tang, T., Kesler, S. “Exploring neural correlates of subjective cognitive function vs. distress in breast cancer survivors”. 27th Annual Meeting of the Organization for Human Brain Mapping. June 21 - 25, 2021. Virtual.

◇ Kesler, S.; Harrison, R., **Henneghan, A.**, Kvale, E., Palesh, O. “Neurophenotypes of the psychoneurological symptom cluster in breast cancer survivors”. Multinational Association of Supportive Care in Cancer (MASCC) Annual Meeting. Seville, Spain. June 25-27, 2020.

Henneghan A., Osier, N., Edwards, M., Kesler, S. “Amyloid Beta and Cognitive Performance of Breast Cancer Survivors”. Poster presentation. International Neuropsychology Society Annual Meeting. New York, New York. February 2019.

Edwards, M., Kesler, S., **Henneghan, A.**, Hall, J., Johnson, L., O’Bryant, S. “Relationship between CA125 and cognitive functioning among a sample of Hispanics”. Poster presentation. International Neuropsychology Society Annual Meeting. New York, New York. February 2019.

Henneghan, A., Kesler, S. “Predicting Chemotherapy-related Brain Injury Using Brain Network Connectivity and Machine Learning”. Oral Podium presentation at the International Cancer and Cognition Task Force. Sydney, Australia. April 9-11, 2018.

Henneghan, A., Kesler, S. “Utilizing Random Forest Regression to Identify Cytokine Predictors of Cognitive Performance in Breast Cancer Survivors”. Poster presentation at the International Cancer and Cognition Task Force. Sydney, Australia. April 9-11, 2018.

Rao, V., **Henneghan A.**, Kesler, S. “Accelerated Brain Aging in Patients with Breast Cancer Post Chemotherapy”. Oral Podium presentation at the International Cancer and Cognition Task Force. Sydney, Australia. April 9-11, 2018.

Stuifbergen, A. & **Henneghan, A.** “Perceived Cognitive Deficits in Persons with Multiple Sclerosis”. Poster presentation at the Sigma Theta Tau International's 28th International Nursing Research Congress. Dublin, Ireland. June 2017.

Henneghan, A.M., Kesler, S. “Executive Function and Emotional Distress Prior to Breast Cancer Treatment” Poster presentation at the International Neuropsychological Society. New Orleans, LA. February 1-4, 2017.

Henneghan, A.M., Becker, H. “Self-Regulatory Demands Impacting Survivors’ Cognitive Capacities”. Poster presentation at the International Cancer and Cognition Task Force. Amsterdam, Netherlands. March 14-15, 2016.

National

§ **Henneghan, A.**, Lewis, K., Kesler, S. “Psychoneurologic symptom clusters in COVID-19 Survivors”. American Academy of Nursing Academy's 2021 Transforming Health Driving Policy Conference. Poster Presentation. Washington, D.C. October 6-9, 2021.

§ Rocha, Oscar Franco, **Henneghan A.**, Kesler, S. “Exploring Differences in Perceived Racial/Ethnic Bias and Related Psychological Symptoms in Hispanic and non-Hispanic COVID-19 Survivors”. Transcultural Nursing Society 47th Annual Conference. Albuquerque, NM. October 27-30, 2021.

Cuevas, H., Danesh, V., **Henneghan, A.** “Systematic Review of Subjective Cognitive Dysfunction Measures in Non-Neurologic Chronic Conditions”. Society of Behavioral Medicine Annual Meeting and Scientific Sessions. Scientific Spotlight. April 12- April 16, 2021.

Henneghan, A. “Changes Among psychoneurological symptoms after cancer”. American Academy of Nursing Academy's 2020 Transforming Health Driving Policy Conference. Poster Presentation. Washington, D.C. October 29-31, 2020.

Henneghan, A. & Becker, H. “Improving cognitive and psychosocial symptoms and social functioning in breast cancer survivors”. Poster presentation. American Congress of Rehabilitation Science Annual Conference. Chicago, IL. November 5-8, 2019.

◇ **Henneghan, A.**, Rao, V., Kesler, S. “Evidence of Accelerated Brain Aging in Breast Cancer Survivors Treated with Chemotherapy Compared to Controls”. Oral Podium Presentation. Council for the Advancement of Nursing Science State of the Science. Washington D.C. September 12-15, 2018.

§ Phillips, C. & **Henneghan, A.** “Finding Their Place: The Experience of Young Adults with Breast Cancer”. Poster presentation at the Oncology Nursing Society Congress. Denver, CO. May 17-20, 2017.

Henneghan, A., Morrison, J., & Stuijbergen. “Modifiable Predictors of Perceived Cognitive Abilities in Person with Longstanding Multiple Sclerosis”. Podium Presentation at the Annual Meeting of the Consortium of Multiple Sclerosis Centers. Indianapolis, Indiana. May 27-30, 2015.

Schnyer, R., Becker, H., Morrison, J., **Henneghan, A.**, & Stuijbergen, A. “Acupuncture Augmentation of Health Promotion in Women with Multiple Sclerosis”. Poster presentation at the Society for Acupuncture Research Conference. Boston, MA. Nov. 14, 2015.

Becker, H., Stuijbergen, A., & **Henneghan, A.** “Do PROMIS Cognitive Abilities Scores among People with Multiple Sclerosis Improve Following a Cognitive Intervention?” Poster presentation at the Patient-Reported Outcomes Measurement Information System (PROMIS[®]): From Basics to Applications in Clinical Research, Practice, and Population Health. Philadelphia, PA. May 14-15, 2015.

Henneghan, A M, Becker, H., Mikan, S. “Spinning tires: Exploring Cancer Survivors’ Perceptions of Chemo brain” Podium Presentation at the Southern Nursing Research Society Annual Conference. San Antonio, TX. February 15, 2014.

Stuijbergen, A., Becker, H., Schnyer, R., Kullberg, V., Morrison, J., Wommack, J., **Henneghan, A.** “Feasibility of Combining Group Acupuncture with a Wellness Intervention for Women with MS” Poster presentation at the Annual Meeting of the CMSC and the 6th Cooperative Meeting of the CMSC-ACTRIMS. Dallas, Texas. May 28 -31, 2014.

Regional

¥ Kothia, S., **Henneghan, A.** “The Representation of Reported Race/Ethnicity Data in Cancer-Related Cognitive Impairment Research Amongst Cancer Patients”. The St. David’s Center for Health Promotion Research Annual Conference. Poster Presentation. *Recipient of 1st place award*. March 1, 2023.

¥ Gregory, M. & **Henneghan, A.** “Comparing the Transition from Classroom to Clinical in Nursing Students with Pre-Exposure to Clinical Scenarios to those Without”. The Interprofessional Education and Research Showcase. University of Texas at Austin. Poster presentation. May 6, 2020.

§ Schafer, H. & **Henneghan, A.** “Neurocognitive and Psychological Functioning of Male Breast Cancer Survivors”. The Interprofessional Education and Research Showcase. University of Texas at Austin. Poster presentation. May 3, 2019.

Henneghan, A., Rao, V. & Kesler, S. “Evidence of Accelerated Brain Aging in Breast Cancer Survivors Treated with Chemotherapy”. Oral Presentation at the MD Anderson Cancer Center Trainee Research Day. May 16, 2018.

¥ Slote C., Osier, N. & **Henneghan, A.** “Are Sleep and Fatigue Symptoms in Breast Cancer Survivors Predictable with biomarkers?” Poster presentation at the St. David’s Center for Health Promotion Research Annual Conference. February 28, 2018.

Henneghan, A.M., Becker, H. “Self-Regulatory Demands Impacting Survivors’ Cognitive Capacities”. Poster presentation at the University of Texas at Austin CHPR Conference. Austin, TX. March 30, 2016.

Becker, H. & **Henneghan, A.M.** The Longer the Time since Cancer Treatment, the Greater the Cognitive Concerns. Poster presentation at the Fourth State of the Science Cancer Survivorship Research Symposium Maximizing Health of Cancer Survivor through Innovative Research. Houston, Texas. February 2016.

Becker, H. & **Henneghan, A.M.** “How Does Performance on Neurocognitive Measures Relate to Self-Reported Physical Symptoms, Quality of Life, and Cognitive Strategies used by Breast Cancer Survivors?” Poster presentation at the Third State of the Science Cancer Survivorship Research Symposium Maximizing Health of Cancer Survivor through Innovative Research. Houston, Texas. February 12, 2015.

Henneghan, A M., Becker, H., Mikan, S. “Spinning tires: Exploring Cancer Survivors’ Perceptions of Chemo brain”. Poster presentation at the St. David’s Center for Health Promotion Research Annual Conference. Austin, TX. April 2, 2014.

RESEARCH PRESENTATIONS – Invited Keynote Addresses and Podium Presentations

International

Henneghan, A. “Defining and Improving Cognitive Outcomes of Cancer Survivors”. 2nd Nursing Doctoral Colloquia: Clinical Relevance of Doctoral Research. Keynote Speaker. Hosted by Universidad Nacional de Colombia, Universidad de La Sabana, Universidad de Antioquia, Universidad Autonoma de Nuevo Leon. Approximately 150 attendees. December 10, 2021.

National

Henneghan, A. “Defining and Improving Cognitive Health Outcomes of Cancer Survivors”. Cancer Prevention and Control Fellowship Program Colloquia Series. National Cancer Institute. Bethesda, MA, January 24, 2023.

Henneghan, A. “COVID and Cognition: What Comes Next for Nurses?” The Arkansas Nursing Research Conference. Virtual. Keynote Presentation. April 8, 2022.

Henneghan, A. “Understanding Self-reported Cancer Related Cognitive Impairment”. Cancer Neuroscience Initiative Seminar. MD Anderson Cancer Center. Houston, TX. September 24, 2019.

RESEARCH PRESENTATIONS – Invited Podium or Panel Discussions

National

Henneghan, A. “A Randomized Control Trial of Meditation Versus Music Listening to Improve Cognitive Function for Breast Cancer Survivors: A Pilot Study”. NINR Center Directors Meeting. Poster Presentation. Washington D.C. May 2020.

Henneghan, A. “Improving Brain Function After Breast Cancer (Brain-ABC) Study: A Pilot Study”. NINR Center Directors Meeting. Poster Presentation. Washington D.C. May 7, 2019.

Regional/Local

Henneghan, A. “Technology Considerations for Defining and Treating Cognitive Outcomes in Cancer Survivors”. The St. David’s Center for Health Promotion Research Annual Conference. Podium Presentation and Panel Discussion. March 1, 2023.

Henneghan, A. “Defining and Improving Cognitive Health Outcomes of Cancer Survivors”. Precision Health Intervention Methodology Summer Boot Camp, Austin, TX. August 9-11, 2022.

Henneghan, A. “Understanding and Coping with Breast Cancer-Related Cognitive Changes”. Breast Cancer Resource Center, Ask the Expert Series. Approximately 200 attendees. Austin, TX. December 7, 2021.

Henneghan, A., Wright, M. “Introduction to software for precision health analyses”. Precision Health Intervention Methodology Summer Boot Camp, Austin, TX. August 16th- 20th, 2021.

Henneghan, A., Becker H., & Harrison, M. “Improving Cognition with Music and Meditation After Breast Cancer: A Pilot Study”. 2019 Livestrong Cancer Institutes Clinical Research Retreat. Austin, TX. October 28, 2019.

Henneghan, A. “Effects of meditation on biomarkers of biological aging in cancer survivors: implications for self-management science”. The St. David’s Center for Health Promotion Research Annual Conference. Podium Presentation. February 28, 2019.

Cuevas, H., **Henneghan, A.,** Osier, N., & Zuniga, J. “Panel III: Biobehavioral Approaches to Self-Management” The St. David’s Center for Health Promotion Research Annual Conference. Panel Discussion. February 28, 2019.

Henneghan, A. “Cancer Related Cognitive Changes”. Baylor Scott & White Cancer Survivorship Support Group. February 14, 2019.

Henneghan, A. “A Biobehavioral Approach to Defining and Treating Cancer Related Cognitive Impairment”. CARE Seminar. University of Texas at Austin, Department of Psychology. February 11, 2019.

Henneghan, A. “Improving Brain Function After Breast Cancer”. Dell Medical School, Livestrong Cancer Institute, Clinical Research Retreat: Focus on Cancer Control and Prevention. Austin, TX. November 28, 2018.

Henneghan, A., Jones, B., Bottner, R., Curran, M., Johnston, C., & Sparks, D. “Integrative Palliative Care Mini-

Fellowship”. iPEX Interprofessional Education Workshop in Palliative Care. Chicago, IL. November 14, 2018.

Jones, B., Bottner, R., Curran, M., **Henneghan, A.**, Johnston, C., & Sparks, D. “Integrating Palliative Care into a Longitudinal IPE Course”. iPEX Interprofessional Education Workshop in Palliative Care. Chicago, IL. November 12, 2018.

Presentations made prior to start in rank as Assistant Professor at UT Austin

Henneghan, A. “Cognition and Breast Cancer”. Breast Cancer Survivor Group. Baylor Scott and White. Guest Lecturer. August 22, 2017.

Henneghan, A. “Cognitive Changes After Cancer Treatment: Update on the Science and Group Discussion”. Breast Cancer Resource Center’s After Breast Cancer Course, Guest Lecturer. November 9, 2016.

Henneghan, A. “Cognitive Changes After Cancer Treatment: Update on the Science and Group Discussion”. Breast Cancer Resource Center’s After Breast Cancer Course, Guest Lecturer. September 6, 2016.

Henneghan, A. “Cognitive Changes After Cancer Treatment: Update on the Science and Group Discussion”. Breast Cancer Resource Center’s After Breast Cancer Course, Guest Lecturer. July 13, 2016.

Henneghan, A. “Cognitive Changes after cancer treatment: update on the science and group discussion”. Williamson County Women's Cancer Support Circle: 15 Breast Cancer Survivors. June 15, 2016.

Henneghan, A. “Life After Breast Cancer”. For all attendees at the American Cancer Society Relay for Life Opening Ceremony. April 30, 2016.

Henneghan, A. “Cancer-related Cognitive Impairment (CRCI)”. For the Breast Cancer Resource Center Education Specialists and Director of Services. Austin, TX. April 22, 2016.

Henneghan, A. “Biobehavioral Contributors to Cognition in Breast Cancer Survivors”. For the Texas Oncology Oncologists, Advanced Practice Providers, Nurses, and Social Worker. Austin, TX. May 11, 2016.

OTHER PRESS

Breastcancer.org Breast Cancer News, “Listening to Music May Help Ease Chemo Brain”, <https://www.breastcancer.org/news/music-listening-chemo-brain> May 18, 2023

Breastcancer.org Podcasts, “Music Listening Helps Treat Cognitive Problems”, <https://www.breastcancer.org/podcast/music-listening> May 4, 2023

KEYE: Interview, <https://cbsaustin.com/news/local/austin-musician-fighting-chemo-brain> October 5, 2015

Breast Cancer Resource Center Blog: Lost in the Fog, Understanding Chemobrain, <https://brc.org/lost-in-the-fog-understanding-chemobrain/> January 29, 2015

PROFESSIONAL ACTIVITIES AND COMMUNITY SERVICE

Professional Organization Memberships & Service

Sigma Theta Tau Honor’s Society, Research and Scholarship

2022—present

Advisory Committee Member	
Society for Music Perception and Cognition, Member	2022—present
Livestrong Cancer Institutes, Survivor Educator	2022—present
Multinational Association of Supportive Care in Cancer, SIG Member	2021—present
International Association for Music & Medicine, Member	2021—present
Young Survivor Coalition, Educator/Presenter	2020—present
American Nurses Association, Member	2020—present
American Academy of Nursing, Fellow, Expert Panel Member	2020—present
Organization of Human Brain Mapping, Member	2020—2021
Cancer Neuroscience Initiative, Chair of the PRO Working Group	2019—present
American Congress for Rehabilitative Medicine, Member	2019—2021
Oncology Nursing Society Hill Day Advocate, Capitol Hill, Washington DC	2017
Cancer and Aging Research Group Member, City of Hope, California	2017—2021
American Academy of Nursing Council for the Advancement of Nursing Science, Member	2017—2019
International Cancer and Cognition Task Force, Member	2015—present
Society of Behavioral Medicine, Member	2015—2016
Breast Cancer Resource Center, Austin, TX , Expert Presenter Development Committee, 2018	2014—present
Oncology Nursing Society, Central Texas Chapter	2014—2018
President Elect, 2014	
President, 2015	
Membership Chair, 2016	
Communications Chair, 2017	
Vice President, 2018	
Texas Oncology, Survivor Educator	2013—present
American Holistic Nursing Association, Member	2013—2014
Hospice and Palliative Nurse Association, Member	2012—2016
Sigma Theta Tau Honor's Society, Member	2006—present

National Institutes of Health

NIH Special Emphasis Panel Study Section Reviewer	2023—present
Early Career Program, Center for Scientific Review	2020—present

Manuscript Reviewer

Supportive Care in Cancer	
Cancer	
American Journal of Alzheimer's Disease & Other Dementias	
Journal of Cancer Survivorship	
International Journal of Africa Nursing Sciences	
Journal of Alzheimer's Disease	
Scientific Reviews	
PLOS One	
Psychosomatic Medicine	
Western Journal of Nursing Research	
BMJ Open	
Psycho-Oncology	
Frontiers in Neuroscience	
European Journal of Neurology	

The Breast
 Journal of Affective Disorders
 European Journal of Cancer Care
 Brain Sciences
 Brain and Behavior
 Journal of Pain and Symptom Management
 Journal of Alzheimer's Disease Reports
 International Journal of Africa Nursing Sciences
 Scientific Reports
 BMC Neuroscience
 Critical Reviews in Oncology Hematology
 Nutrients
 BMC Breast
 Clinical Lymphoma, Myeloma and Leukemia
 Health Psychology
 Nurse Open
 Journal of Integrative Medicine

Conference Abstract Reviewer

Longhorn Research, University of Texas at Austin	2020—present
Interprofessional Education Conference, UT at Austin	2020—present
St. David's CHPR Annual Conference, UT at Austin	2019—present
Oncology Nursing Society, Annual Congress	2018—present

Research Grant Reviewer

St. David's CHPR Research Grant Review, UT at Austin	2021—present
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University Committees and Service

Faculty Mentor, Livestrong Cancer Institutes Summer Undergraduate Research Fellowship	2021
Research Faculty, Livestrong Cancer Institutes Supportive Care and Survivorship iPEX, Interprofessional Palliative Care Education Team, UT at Austin	2020—present 2018—2021

School of Nursing Committees and Service

School of Nursing Outstanding Dissertation Award Nominations Committee, Chair	2024—2025
School of Nursing Accreditation Committee	2024—2025
School of Nursing Faculty Concerns Task Force	2024
School of Nursing Post Award Task Force	2024
School of Nursing Search Committee, Member	2023—present
School of Nursing Wellness Committee	2023—2024
School of Nursing Outstanding Dissertation Award Nominations Committee, Member	2023—2024
School of Nursing Research Committee, Member	2021—2023
Precision Health (T32) Summer Boot Camps, Planning Member, Faculty	2020—2022
Executive Committee Assistant Professor Representative, (elected) member	2020—2021
Promotion and Tenure Subcommittee, 2021	
Scholarship Committee, Voting Member	2019—2021
Graduate Curriculum Committee, Voting member	2019—2021
Graduate Studies Committee, Voting member	2018—present