

Ashley M. Henneghan, PhD, RN, FAAN

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Education

Postdoctoral Fellowship (September 2017- July 2018)	2018
The University of Texas MD Anderson Cancer Center, Houston TX Department of Neuro-Oncology, Neuropsychology Section Focus: <i>Neurobiological underpinnings of cancer related cognitive impairment</i> Mentor: Dr. Shelli Kesler	
PhD in Nursing (September 2012 – Austin 2017)	2017
University of Texas at Austin, School of Nursing, Austin, TX Major: Nursing (Specialization: Cancer Survivorship) Dissertation Committee: Dr. Alexa Stuijbergen (chair), Dr. Shelli Kesler, Dr. Patricia Carter, Dr. Heather Becker, Dr. Duck-Hee Kang Dissertation Title: <i>Modifiable Contributors to Cognition in Breast Cancer Survivors</i>	
Master's of Science in Nursing (September 2012 - May 2014)	2014
University of Texas at Austin, School of Nursing, Austin, TX Degree: Holistic Adult Health Role Specialty: Teaching	
Bachelor's of Science in Nursing (September 2006 – May 2008)	2008
The Pennsylvania State University, School of Nursing, University Park, PA	

Professional Employment**Academic Positions**

The University of Texas at Austin	2018— present
<i>School of Nursing</i>	2018— present
Assistant Professor, Holistic Adult Health Division	
Dell Medical School , Department of Oncology	2018— present
Assistant Professor, Affiliate	

Clinical Positions

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

Research Grants					
Funded					
Project Title (PI)	Role	Agency, Grant #	Award Amount (Direct Costs)	Award Period	Purpose
Brain Connectivity and Self-Reported Cancer Related Cognitive Impairment (PI: Henneghan)	PI	National Institute for Nursing Institute (NINR), 1 K01 NR018970-01	\$255,279	03/2020-03/2023	To examine brain connectivity patterns of self-reported cognitive impairment, compare brain connectivity patterns of psychological distress and self-reported cognitive impairment, and explore models of self-reported cognitive impairment, psychological distress, and brain connectivity in breast cancer survivors
Improving Brain Function After Cancer via a Smartphone	PI	University of Texas at Austin Summer Research Award	\$14,873	06//2020-08/2020	To evaluate the feasibility (acceptability, usability, satisfaction) of using the smartphone application to deliver and monitor engagement with daily interventions in breast cancer survivors and assess the reliability and validity of smartphone administered cognitive tasks and symptom severity
Neurodegenerative and Inflammatory Predictors of Cancer Related Cognitive Impairment in Breast Cancer Patients	PI	Quanterix Corporation, Accelerator Grant (Industry)	\$50,000	08/2019-12/2020	To obtain and evaluate novel baseline data regarding biomarkers of neurodegeneration, neurologic injury, and cytokines and evaluate their predictive ability for CRCI at 1-month post chemotherapy and 1 year after treatment ends
Predicting Long-Term Chemotherapy-Related Cognitive Impairment (PI: Kesler)	Co-I (5%)	National Cancer Institute (NCI), R01CA226080	\$497,896	09/01/18 — 08/31/2023	To use functional connectome metrics obtained pre-treatment to predict long-term cognitive outcome in patients with breast cancer scheduled for chemotherapy
Very Long-Term Neurocognitive Outcomes in Breast Cancer Survivors (MPIs: Kesler, Palesh)	Co-I (2%)	National Cancer Institute (NCI), R01CA172145	\$259,598	09/26/12—11/30/2023	To continue to follow patients with breast cancer who were evaluated pre-treatment for neurocognitive outcomes up to 10 years or more post-treatment
Supplement: Overlap in the Mechanisms of Alzheimer Disease and Cancer Related Cognitive Impairment	Co-I (5%)		\$223,888	08/2019—09/2020	To examine longitudinal predicted probability of Alzheimer's related dementias from pre-treatment to up to 10+ years post-treatment and Examine the effects of chemotherapy on biomarkers of Alzheimer's-related neurodegeneration
Improving Cognition in Breast Cancer Survivors using Meditation: A Pilot Study (PI: Henneghan)	PI	Transdisciplinary Collaborative Research in Self-Management Science (5P30NR015335) and the St. David's Center for Health Promotion and Disease Prevention Research	\$25,000 \$20,000	09/04/2018 — 11/30/2019 09/04/2018 — 11/30/2019	The purpose of this study is to assess the feasibility and comparing two home based 8-week interventions (Kirtan Kriya meditation (KK) and music listening (ML)) in 30 BCS ages 21-75 who completed chemotherapy treatment 3 months to 10 years prior.
POSTCARE-O: Patient-Owned Survivorship Care Planning in	Consultant	The University of Texas at Austin,	\$25,000	10/2018 — 10/2019	To adapt the successful POSTCARE survivorship intervention to ovarian cancer survivors

Ovarian Cancer (PI: Kvale)		Livestrong Cancer Institute			
Funding Research Training					
Multimodal MRI Biomarker of Mild Cognitive Impairment in Breast Cancer (PI: Kesler)	Postdoctoral Fellow	National Institute for Nursing Research (1R01NR014195)	\$160,965	09/27/2012 — 06/30/2019	To identify neuroimaging biomarkers of mild cognitive impairment in these women and develop methods to help predict which women are most vulnerable
Prefrontal Cortex Abnormalities with Breast Cancer Chemotherapy (PI: Kesler)	Postdoctoral Fellow	National Cancer Institute (1R01CA172145)	\$259,598	09/26/2012 — 11/30/2023	To improve our understanding regarding the brain changes that occur during breast cancer chemotherapy
Biobehavioral Contributors to Cognition in Breast Cancer Survivors (PI: Henneghan)	PI	National Institute for Nursing Research (F31NR015707)	\$65,464	04/2016— 08/2017	To explore modifiable factors (stress, social isolation, physical inactivity, sleep disturbance, inflammatory cytokines) that may contribute to cognitive function following breast cancer chemotherapy
Modifiable Correlates of Cognition in Breast Cancer (PI: Henneghan)	PI	American Cancer Society (DSCN-15-072)	\$30,000	07/2015 — 07/2017	To describe relationships among individual factors, psychosocial factors, behavioral factors, inflammation, and perceived and objective measures of cognitive dysfunction in breast cancer survivors.
A Multisite Trial of a Cognitive Rehabilitation Intervention for Persons with MS (MPIs: Stuijbergen & Becker)	GRA	National Institute for Nursing Research (R01NR014362)	\$305,984	09/27/2013 — 06/30/2019	To evaluate the efficacy of the MAPSS-MS cognitive rehabilitation intervention in improving the overall neuro-cognitive functioning of persons with M.S. living in three Texas cities.
Building Cognitive Abilities among Cancer Survivors (PI: Becker)	GRA	Shiver's Foundation	\$50,000	07/01/2014 — 06/30/2015	To test a cognitive intervention with cancer patients who have cognitive concerns as they move from active treatment into early stages of survivorship.
Exploring Cancer Survivors' Perceptions of a Proposed Cognitive Intervention (PI: Becker)	GRA	Center for Health Promotion Research in Underserved Populations	\$5,000	07/2013 — 06/2014	To understand how breast and ovarian cancer survivors describe cognitive limitations following cancer diagnosis and treatment and to determine how the MAPSS intervention should be modified to meet their needs.
Under Review					
Project Title (PI)	Role	Agency, Grant #	Award Amount & Status	Award Period	Purpose
Cognitive Dysfunction and Neural Mechanisms of Post-Acute COVID-19	Co-I	National Institutes of Health		02/2022- 02/2025	To examine the effects of COVID-19 on cognitive function, connectome organization, and explore initial models of disease, treatment, host factors in COVID19 survivors who were not hospitalized for treatment.
Neurophenotypes of the psychoneurological symptom cluster in breast cancer survivors (PI: Kesler)	Co-I	National Institute for Nursing Institute / National Cancer Institute		09/2020 — 08/2025	To develop computational models that identify psychoneurological symptom cluster neurophenotypes and elucidate altered neurobiological pathways within the PSCs that occur in breast cancer survivors
Pending Funding, Scored					
Project Title (PI)	Role	Agency, Grant #, Score	Award Amount & Funding Status	Award Period	Purpose

Not Funded, Scored					
The Survivorship Toolbox: Creating a Learning Health System for Survivors and Researchers (MPI: Henneghan, Kvale)	Multi-PI	Livestrong Foundation	\$400,000	02/2021—01/2025	Our overarching goal is to integrate a mobile application designed as rigorous research tool into an evidence-based person-centered survivorship care transition platform, addressing systemic disparities in survivorship clinical trials and developing a real-world evidence repository to improve survivorship clinical care, science, and outcomes
Mobile App Development for Precise Measurement of Neurocognitive Symptoms in Cancer Survivors	PI	Johnson & Johnson- JLABS	\$100,000 (reviewed, no score provided)	01/2020-12/2020	To address this critical barrier to scientific progress and precision health in cancer survivorship care by adapting an open-source mobile health platform for use in oncology populations to precisely measure behavioral, environmental, social, and self-report factors related to survivors' neurocognitive treatment effects
Brain Connectivity and Self-Reported Cancer Related Cognitive Impairment (PI: Henneghan)	PI	National Institute for Nursing Institute (NINR), 1K23NR018691-01. Score: 35	\$499,388 score: 35	07/2019 — 07/2022	To examine brain connectivity patterns of self-reported cognitive impairment, compare brain connectivity patterns of psychological distress and self-reported cognitive impairment, and explore models of self-reported cognitive impairment, psychological distress, and brain connectivity in breast cancer survivors.
Improving Brain Function After Cancer via a Smartphone Application: A Pilot Study	PI	Livestrong Cancer Institutes, Dell Medical School, University of Texas	\$25,000 Score: 2.67	09/2019-10/2020	To evaluate the feasibility of delivering the intervention program to cancer survivors who have cognitive deficits for 12 weeks while assessing the reliability and validity of smartphone administered cognitive tasks

Publications

* Denotes student co-author

Peer-reviewed Manuscripts (N = 26, First Author: n=15, Co-Author: n=11)

1. **Henneghan, A.**, Lewis, K., Gill, E. *, Franco-Rocha, O. *, Vela, R., Medick, S. *, Kesler, S. Describing Cognitive Function and Psychosocial Outcomes of COVID-19 Survivors: A Cross Sectional Analysis. *Journal of the American Association of Nurse Practitioners*.
2. Harrison, R., Sharafeldin, N., Peterson, M., Rexer, J., Parmalee, B*, **Henneghan, A.**, Kesler, S. Cognitive impairment after hematologic stem cell transfer: narrative review. *The Oncologist*.
3. Phillips, F., Prezio, E., Miljanic, M., **Henneghan, A.**, Currin-McCulloch, J., Jones, B., Kvale, E., Eckhardt, S.G. Patient reported outcome measures affecting quality of life in socioeconomically disadvantaged cancer patients. *Journal of Psychosocial Oncology*. (accepted)
4. Francho-Rocha, O*, Carillo, M, Garcia, A., **Henneghan, A.** Cancer survivorship care in Colombia: recommendations and implications for health policy. *Hispanic Health Care International Journal*. (in press)
5. **Henneghan, A.**, Van Dyk, K., Kauffman, T., Harrison, R., Gibbons, C., Heijnen, C., Kesler, S. Measuring Self-Reported Cancer Related Cognitive Dysfunction: Recommendations from the Cancer Neuroscience Initiative Working Group. *Journal of the National Institute of Cancer*. (in press)
6. **Henneghan AM**, Becker H, Harrison ML, Inselmann K, Fico B*, Schafer H*, King E, Patt D, Kesler S. A randomized control trial of meditation compared to music listening to improve cognitive function for breast cancer survivors: Feasibility and acceptability. *Complement Ther Clin Pract*. 2020 Sep 11;41:101228. doi: 10.1016/j.ctcp.2020.101228. Epub ahead of print. PMID: 32949954.
7. Danesh V, Zuñiga JA, Timmerman GM, Radhakrishnan K, Cuevas HE, Young CC, **Henneghan AM**, Morrison J, Kim MT. Lessons learned from eight teams: The value of pilot and feasibility studies in self-management science. *Appl Nurs Res*. 2020 Aug 25:151345. doi: 10.1016/j.apnr.2020.151345. Epub ahead of print. PMID: 32912706.

8. **Henneghan A**, Wright ML, Bourne G*, Sales AC. A Cross-Sectional Exploration of Cytokine-Symptom Networks in Breast Cancer Survivors Using Network Analysis. *Can J Nurs Res*. 2020 Jun 1:844562120927535. doi: 10.1177/0844562120927535. Epub ahead of print. PMID: 32482100.
9. Zuñiga JA, Harrison ML, **Henneghan A**, García AA, Kesler S. Biomarkers panels can predict fatigue, depression and pain in persons living with HIV: A pilot study. *Appl Nurs Res*. 2020 Apr;52:151224. doi: 10.1016/j.apnr.2019.151224. Epub 2019 Dec 26. PMID: 31987713.
10. **Henneghan A**, Rao V, Harrison RA, Karuturi M, Blayney DW, Palesh O, Kesler SR. Cortical Brain Age from Pre-treatment to Post-chemotherapy in Patients with Breast Cancer. *Neurotox Res*. 2020 Apr;37(4):788-799. doi: 10.1007/s12640-019-00158-z. Epub 2020 Jan 4. PMID: 31900898; PMCID: PMC7089817.
11. **Henneghan AM**, Gibbons C, Harrison RA, Edwards ML, Rao V, Blayney DW, Palesh O, Kesler SR. Predicting Patient Reported Outcomes of Cognitive Function Using Connectome-Based Predictive Modeling in Breast Cancer. *Brain Topogr*. 2020 Jan;33(1):135-142. doi: 10.1007/s10548-019-00746-4. Epub 2019 Nov 19. PMID: 31745689.
12. **Henneghan A**, Haley AP, Kesler S. Exploring Relationships Among Peripheral Amyloid Beta, Tau, Cytokines, Cognitive Function, and Psychosomatic Symptoms in Breast Cancer Survivors. *Biol Res Nurs*. 2020 Jan;22(1):126-138. doi: 10.1177/1099800419887230. Epub 2019 Nov 10. PMID: 31707784; PMCID: PMC7068749.
13. **Henneghan A**, Phillips C*, Courtney A*. We are different: Young adult survivors' experience of breast cancer. *Breast J*. 2018 Nov;24(6):1126-1128. doi: 10.1111/tbj.13128. Epub 2018 Sep 27. PMID: 30264438; PMCID: PMC6239887.
14. **Henneghan AM**, Palesh O, Harrison M, Kesler SR. Identifying cytokine predictors of cognitive functioning in breast cancer survivors up to 10 years post chemotherapy using machine learning. *J Neuroimmunol*. 2018 Jul 15;320:38-47. doi: 10.1016/j.jneuroim.2018.04.012. Epub 2018 Apr 19. PMID: 29759139; PMCID: PMC6030687.
15. **Henneghan AM**, Carter P, Stuijbergen A, Parmelee B*, Kesler S. Relationships between self-reported sleep quality components and cognitive functioning in breast cancer survivors up to 10 years following chemotherapy. *Psychooncology*. 2018 Aug;27(8):1937-1943. doi: 10.1002/pon.4745. Epub 2018 May 25. PMID: 29683228.
16. **Henneghan A**, Stuijbergen A, Becker H, Kesler S, King E. Modifiable correlates of perceived cognitive function in breast cancer survivors up to 10 years after chemotherapy completion. *J Cancer Surviv*. 2018 Apr;12(2):224-233. doi: 10.1007/s11764-017-0661-9. Epub 2017 Nov 7. PMID: 29116555.
17. **Henneghan A**, Stuijbergen A, Becker H, Kullberg V, Gloris N. Perceived Cognitive Deficits in a Sample of Persons Living With Multiple Sclerosis. *J Neurosci Nurs*. 2017 Oct;49(5):274-279. doi: 10.1097/JNN.0000000000000314. PMID: 28885466; PMCID: PMC5657431.
18. Kesler SR, Adams M, Packer M, Rao V, **Henneghan AM**, Blayney DW, Palesh O. Disrupted brain network functional dynamics and hyper-correlation of structural and functional connectome topology in patients with breast cancer prior to treatment. *Brain Behav*. 2017 Feb 6;7(3):e00643. doi: 10.1002/brb3.643. PMID: 28293478; PMCID: PMC5346525.
19. Becker H, Stuijbergen AK, **Henneghan A**, Morrison J, Seo EJ, Zhang W. An initial investigation of the reliability and validity of the Compensatory Cognitive Strategies Scale. *Neuropsychol Rehabil*. 2019 Jun;29(5):739-753. doi: 10.1080/09602011.2017.1329154. Epub 2017 May 29. PMID: 28552019; PMCID: PMC5708149.
20. Becker H, **Henneghan AM**, Volker DL, Mikan SQ. A Pilot Study of a Cognitive-Behavioral Intervention for Breast Cancer Survivors. *Oncol Nurs Forum*. 2017 Mar 1;44(2):255-264. doi: 10.1188/17.ONF.255-264. PMID: 28222075.
21. Becker H, Stuijbergen AK, Schnyer RN, Morrison JD, **Henneghan A**. Integrating Acupuncture Within a Wellness Intervention for Women With Multiple Sclerosis. *J Holist Nurs*. 2017 Mar;35(1):86-96. doi: 10.1177/0898010116644833. Epub 2016 Jul 8. PMID: 27161425.
22. **Henneghan A**. Modifiable factors and cognitive dysfunction in breast cancer survivors: a mixed-method systematic review. *Support Care Cancer*. 2016 Jan;24(1):481-497. doi: 10.1007/s00520-015-2927-y. Epub 2015 Sep 29. PMID: 26416490.
23. Becker H, **Henneghan A**, Mikan SQ. When do I get my brain back? Breast cancer survivors' experiences of cognitive problems. *Clin J Oncol Nurs*. 2015 Apr;19(2):180-4. doi: 10.1188/15.CJON.180-184. PMID: 25840383.
24. **Henneghan AM**, Harrison T. Complementary and alternative medicine therapies as symptom management strategies for the late effects of breast cancer treatment. *J Holist Nurs*. 2015 Mar;33(1):84-97. doi: 10.1177/0898010114539191. Epub 2014 Jun 16. PMID: 24935277.
25. **Henneghan AM**, Schnyer RN. Biofield therapies for symptom management in palliative and end-of-life care. *Am J Hosp Palliat Care*. 2015 Feb;32(1):90-100. doi: 10.1177/1049909113509400. Epub 2013 Nov 20. PMID: 24259404.
26. Patt D, Toth S, **Henneghan A.**, Mikan S. How to begin a survivorship program in your community. *Community Oncology*. 2013 October;10 (9): 272-276. doi:10.12788/j.cmonc.0058.

Peer reviewed published abstracts (n=3)

1. Henneghan, A., Becker, H. Improving Cognitive and Psychosocial Symptoms and Social Functioning in Breast Cancer Survivors. *Arch Phys Med Rehabil*. 2019. Sept. 100(10):e90. doi: 10.1016/j.apmr.2019.08.261

- Osier, N., Slote, C., McGreevy, E., **Henneghan, A.** Ultrasensitive Quantification of Inflammatory Biomarkers in Breast Cancer Survivors. *J Immunol.* 2018 May; 200 (1 Supplement).
- Becker, H., Stuifbergen, A., & **Henneghan, A.** Does working moderate the relationship of depression and cognitive performance in those with ms? *Ann Behav Med.* 2015: 49, S113 S113.

Manuscripts under review (n=7)

- Kesler, S.; Tang, T; **Henneghan, A;** Wright, M.; Gaber, M.W., Palesh, O. Cross-sectional characterization of local brain network connectivity pre and post breast cancer treatment and distinct associations with subjective cognitive and psychological function. *Frontiers in Neurology.*
- Henneghan, A.,** Fico, B*, Wright, M., Kesler, S., Harrison, M. Short term effects of meditation compared to music listening interventions on biomarkers in breast cancer survivors with cognitive complaints. *Explore.*
- Henneghan, A.,** Becker, H., Phillips, C, Kesler, S. Long-Term Effects of Mantra Meditation Compared to Music Listening on Neurocognitive Outcomes of Breast Cancer Survivors: A Brief Report. *Journal of Psychosomatic Research.*
- Henneghan, A.,** Kesler S. Exploring cytokine networks using graph theory in breast cancer survivors with and without cancer-related cognitive impairment. *Psychosomatic Medicine.*
- Kesler, S.R, **Henneghan, A.M.,** Thurman, W., Rao, V. Themes for assessing cancer-related cognitive impairment identified by topic modeling and qualitative content analysis of public online comments. *Psycho-Oncology.*
- Cuevas, H., Danesh, V., **Henneghan, A.** Self-reported cognitive function in persons with non-neurological chronic diseases: A systematic review. *Journal of Aging Research.*
- Choi, E*, **Henneghan, A.** A comparison of psychosocial symptoms in younger and older breast cancer survivors. *Quality of Life Research*

Manuscripts in development (n=3)

- Henneghan, A.,** Lewis, K., Franco-Rocha, O.*, Vela, R., Medick, S.*, Kesler, S. Cognitive impairment in younger non-hospitalized COVID-19 survivors on average 4 months post infection. *JAMA Neurology*
- Henneghan, A.,** Van Dyk, K. Validation of PROMIS Short Form for Cognitive Function in Breast Cancer Survivors. *Supportive Care in Cancer.*
- Henneghan, A.** Kesler, S. Cognitive outcomes and brain connectivity in breast cancer patients with high versus low distress across time. *Psychooncology.*

Presentations

* Denotes student co-presenter

International Presentations (n=10)

- 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 Presentations (*n=14*)

1. **Henneghan, A.**; Lewis, K.; Kesler, S. (submitted). "Psychoneurologic symptom clusters in COVID-19 Survivors". American Academy of Nursing Academy's 2020 Transforming Health Driving Policy Conference. Poster Presentation. Washington, D.C. October 6-9, 2021.
2. Rocha, Oscar Franco; **Henneghan A.**; Kesler, S (accepted). "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.
3. 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.
4. **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.
5. **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.
6. **Henneghan, A.** & Becker, H. "Improving cognitive and psychosocial symptoms and social functioning in breast cancer survivors". American Congress of Rehabilitation Science Annual Conference. Chicago, IL. November 6, 2019.
7. **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.
8. **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.
9. 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.
10. **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.
11. 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.
12. 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.
13. **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.
14. 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-ACRIMS. Dallas, Texas. May 28 -31, 2014.

Regional/Local Presentations (*n=10*)

1. *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.
2. *Schaefer, 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.
3. **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.
4. 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.
5. **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.
6. 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.
 7. **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.
 8. 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.
 9. 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.
 10. **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.

Invited Presentations (n=15)

1. **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.
2. **Henneghan, A.** "Understanding Self-Reported Cancer Related Cognitive Impairment". Cancer Neuroscience Initiative Seminar. MD Anderson Cancer Center. Houston, TX. September 24, 2019.
3. **Henneghan, A.** "Cancer Related Cognitive Changes". Baylor Scott & White Cancer Survivorship Support Group. February 14, 2019.
4. **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.
5. **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.
6. **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.
7. 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.
8. **Henneghan, A.** "Cognition and Breast Cancer". Breast Cancer Survivor Group. Baylor Scott and White. Guest Lecturer. August 22, 2017.
9. **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.
10. **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.
11. **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.
12. **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.
13. **Henneghan, A.** "Life After Breast Cancer". For all attendees at the American Cancer Society Relay For Life Opening Ceremony. April 30, 2016.
14. **Henneghan, A.** "Cancer-related Cognitive Impairment (CRCI)". For the Breast Cancer Resource Center Education Specialists and Director or Services. Austin, TX. April 22, 2016
15. **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

Contributions to Professional Forums and Media

1. **Henneghan, AH.** (2015, October 5). KEYE: Interview, <https://cbsaustin.com/news/local/austin-musician-fighting-chemo-brain>
2. **Henneghan.** (2015, January 29). Breast Cancer Resource Center Blog: Lost in the Fog, Understanding Chemobrain <https://bcrc.org/lost-in-the-fog-understanding-chemobrain/>

Teaching Experience

Course/Seminar Number, Title	Year (# of students)	Role
The University of Texas at Austin		
N 397L.3 Conceptual Foundations of Research Design & Methods (3 credits, graduate)	Fall 2020 (n=9)	Co-Instructor
N264: Introduction to Nursing Research (2 credits; undergraduate)	Spring 2020 (n=44); Fall 2019 (n=82); Spring 2018 (n=35); Fall 2018 (n=52)	Solo Instructor, Teaching Assistant Oversight
UGS 303: Sleep: Are we Getting Enough (3 credits, undergraduate)	Fall 2014 (n=50)	Discussion Section Instructor
TC 303: Stress Management (3 credits, undergraduate)	Summer 2013 (n=50)	Discussion Section Instructor
Skills and Simulation Labs, Undergraduate and Alternate Entry students	Fall 2012, Spring 2014	Teaching Assistant
Guest Lectures and Other University/College Courses/Seminars		
Guest Lecture. N264: Introduction to Nursing Research	Fall 2020 (n=80)	Guest Lecturer
Guest Lecture. N395 Theoretical Basis for Precision Health. School of Nursing, University of Texas at Austin	Fall 2020 (n=4)	Guest Lecturer
Guest Lecture. N397.L Conceptual Foundations of Research Design and Methodology. School of Nursing, University of Texas at Austin	Fall 2019 (n=9) Fall 2018 (n=10)	Guest Lecturer
CARE Seminar. University of Texas at Austin, Department of Psychology. Guest Lecture	Spring 2019 (n=20)	Guest Lecturer
Writing for Publication Workshop for Doctoral Students School of Nursing, University of Texas at Austin	Spring 2019 (n=20)	Co-Instructor
End of Life and Palliative Care: Ethical Considerations (Dr. Carole Taxis N321 course) School of Nursing, University of Texas at Austin	Spring 2013 (n=30)	Guest lecturer, 2013 Lecture topic: Ethical Considerations in End of Life Care
Biofield Therapies: Implications for Nursing Practice (Dr. Rosa Schnyer's Complementary and Alternative Medicine course) School of Nursing, University of Texas at Austin	Spring 2013 (n=20)	Guest lecturer, 2013 Lecture topic: Use of biofield therapies in health care and implications for nursing practice.
Community Education Programs/Presentations		
Cancer Related Cognitive Changes, Breast Cancer Resource Center, Austin, TX	August 2014—present	Educational Program Presenter
Cancer Related Cognitive Changes, Texas Oncology-Balcones Austin, TX	September 2013—present	Survivorship Educator

Advising, Mentoring, Independent Studies, and Committees

PhD Advisees/Mentees (*n* = 3; *current mentees* = 1)

Yen Chen, Department of Kinesiology, UT Austin (2019—present, Mentor)
 Eunju Choi, School of Nursing, UT Austin (2018—present, Mentor, Research Practicum Supervisor)
 Brennan Parmalee, School of Nursing UT Houston (2017—present, Mentor)

PhD Dissertation Chairs (*n* = 0)

PhD Dissertation Committee Member

School of Nursing, University of Texas at Austin (*n* = 1)

Dissertation Qualifying Exam Committee Member (*n* = 1)

School of Nursing, University of Texas at Austin (*n* = 1)

Medical Student Research Mentor (*n* = 2; *current*=2)

Helen Schafer, Dell Medical School, Livestrong Cancer Institutes (2018— present)
 Garrett Bourne, Dell Medical School, Livestrong Cancer Institutes (2018— present)

Undergraduate Student Mentor (*n* = 4; *current* =1)

Madeleine Gregory, UT Austin School of Nursing (2019— present)
 Maile McQuad, Livestrong Cancer Institutes (2018— present)
 Nicole Gloris, UT Austin IE Mentorship Program (2015)
 Anne Norman, UT Austin IE Mentorship Program (2014)

Independent Study Supervisor (*n* = 1)

Madeleine Gregory, UT Austin School of Nursing (2019— present)

Undergraduate International Student Mentor (*n* = 1; *current*=1)

Oscar Rocha Franco, *Universidad Nacional de Colombia*

Leadership

Leadership Development Training	Dates
“A National Program to Advance Interprofessional Education in Cancer Care” (R25CA203637). Role: Professor of Nursing team member for the University of Texas at Austin.	July 2018—June 2019

Fellowships, Honors and Awards

Title	Dates
Fellowships	
Ed and Molly Smith Centennial Fellowship in Nursing	2021-2022
American Academy of Nursing: Fellow	2020
NINR Individual National Research Service Award, Pre-doctoral Fellowship, NINR Grant No. F31NR015707-01, the University of Texas at Austin, School of Nursing	2016—2017
Graduate School Dissertation Writing Fellowship, the University of Texas at Austin	2017
American Cancer Society Doctoral Degree Scholarship in Cancer Nursing Grant No. DSCN-15-072 University of Texas at Austin, School of Nursing	2015—2017
Graduate Dean’s Prestigious Fellowship Supplement Award, University of Texas at Austin	2016—2017
Promise of Nursing for Texas Regional Faculty Fellowship National Student Nurses Association	2016—2017
Graduate School Continuing Scholar the University of Texas at Austin	2016—2017
Graduate School Continuing Scholar the University of Texas at Austin	2015—2016
Promise of Nursing for Texas Regional Faculty Fellowship National Student Nurses Association	2015—2016
Graduate School Summer Fellowship the University of Texas at Austin	2015
Jonas Nurse Leaders Scholar American Academy of Colleges of Nursing	2014—2016

Promise of Nursing for Texas Regional Faculty Fellowship National Student Nurses Association	2014—2015
Graduate Scholar the University of Texas at Austin	2014—2015
Graduate Scholar the University of Texas at Austin	2013—2014
Lee Hage Jamail Endowed Excellence Fund in Nursing Fellowship the University of Texas at Austin	2012—2013
Scholarships	
Central Texas Oncology Nursing Society Scholarship	2018
ONS Foundation Research Doctoral Scholarship Oncology Nursing Foundation	2016—2017
Lee Hage and Joseph D. Jamail Endowed Scholarship in Nursing the University of Texas at Austin	2015—2016
Rose M. Morris Memorial Endowed Scholarship in Nursing the University of Texas at Austin	2015—2016
ONS Foundation Research Doctoral Scholarship Oncology Nursing Foundation	2015—2016
Nursing Educational Funds Scholarship Nursing Educational Funds, Inc.	2015—2016
Nurses Educational Funds Margaret Gould Tyson Scholarship Nursing Educational Funds, Inc	2014—2015
Nurses Educational Funds Evelyn Barclay Scholarship Nursing Educational Funds, Inc	2013—2014
Joe and Tana Christie Endowed Presidential Scholarship in Nursing the University of Texas at Austin	2012—2014
Dean's Scholarship Northeastern University	2004—2006
Awards	
Publisher of the Year Award, Central Texas Oncology Nursing Society	2018
Faculty Travel Award the University of Texas at Austin	2018
MD Anderson Fellow Training Day Cancer Survivorship Abstract Award (3 rd Place)	2018
Young Investigator Award— International Cancer and Cognition Task Force	2018
Professional Development Award the University of Texas at Austin	2017
Professional Development Award the University of Texas at Austin	2016
Kuhn Family IE Mentorship Award the University of Texas At Austin	2015
Professional Development Award the University of Texas at Austin	2015
Professional Award Austin Central Texas Oncology Nursing Society	2014

Professional and Community Service and Research Affiliations

National/International

Reviewer

Early Career Program, Center for Scientific Review, National Institutes of Health 2020— present

Member

International Association for Music & Medicine 2021—present

Member

American Academy of Nursing 2020— present

Member

Organization of Human Brain Mapping 2020— present

Member

American Congress for Rehabilitative Medicine 2019— present

Annual Congress Abstract Reviewer

Oncology Nursing Society 2018—present

Advocate

2017 Oncology Nursing Society Hill Day, Capitol Hill, Washington DC September 2017

Member

Cancer and Aging Research Group, City of Hope, California 2017—present

Member

American Academy of Nursing Council for the Advancement of Nursing Science 2017—present

Member

International Cancer and Cognition Task Force 2015—present

Member Society of Behavioral Medicine	2015—2016
Member American Holistic Nursing Association	2013—2014
Member Hospice and Palliative Nurse Association	2012—2016
Member Sigma Theta Tau Honor's Society	2006—present
State/Regional/Community	
Cancer Neuroscience Initiative, Texas	2017—present
Chair PRO Working Group	2019—present
Member	2017—present
Oncology Nursing Society, Central Texas Chapter, Austin, TX	2014—2018
Vice President	2018
Communications Chair	2017
Membership Chair	2016
President	2015
President Elect	2014
Breast Cancer Resource Center, Austin, TX	2014—present
Development Committee Member	2018—present
Program Presenter & Expert Blogger	2014—present
Texas Oncology, Austin, TX	
Survivorship Educator	2013—present
University/Institutional	
Summer Undergraduate Research Fellowship Program Mentor	2021— present
Livestrong Cancer Institutes Clinical and Prevention	
Research Working Group Member	2020-present
Livestrong Cancer Institutes Clinical and Prevention	
iPEX Team Member	2018—present
Interprofessional Palliative Care Education Team, University of Texas at Austin	
Committee Member	2017—2018
Neuroscience and CAR-T Therapy Committee, MD Anderson Cancer Center	
Research Group Member	2017—2018
Metformin and Cancer Research Group, MD Anderson Cancer Center	
School/Department	
Precision Health (T32) Summer Boot Camp 2021 Planning Committee Meeting	2020—2021
The University of Texas at Austin	
School of Nursing	
Executive Council Assistant Professor Representative (elected)	2020—2021
Promotion and Tenure Subcommittee	2021— present
School of Nursing	
The University of Texas at Austin	
Scholarship Committee Member	2019—present
School of Nursing	
The University of Texas at Austin	
Graduate Curriculum Committee	
School of Nursing	
The University of Texas at Austin	2018—present
Graduate Studies Committee, Voting member	
School of Nursing	
The University of Texas at Austin	
Longhorn Research Poster Reviewer	2020
School of Nursing	
The University of Texas at Austin	

St. David's CHPR Annual Conference, Abstract Reviewer School of Nursing The University of Texas at Austin	2019—present
PhD Student representative , Graduate Studies Committee School of Nursing The University of Texas at Austin	2016—2017
Ph.D Student Volunteer Interprofessional Education Committee, University of Texas at Austin	2014—2016
Mentor IE Mentorship Program, University of Texas at Austin	2013—2015

Research Affiliates

Cancer and Neuroscience Initiative , MD Anderson and University of Texas at Austin Research Affiliate	2017—present
International Cancer and Cognition Task Force Research Affiliate	2014—present
Livestrong Cancer Institute , University of Texas at Austin Faculty	2018— present
Population Research Center , University of Texas at Austin Faculty Affiliate	2018— present
Center for Interprofessional Education , University of Texas at Austin Faculty Affiliate	2018—present
Whole Health, Whole Communities , University of Texas at Austin Faculty Affiliate	2018— present

Journal Reviewer

Journal name	Total # of reviews completed	Reviews completed, current year
<i>Plos ONE</i>	1	
<i>Psychosomatic Medicine</i>	3	2
<i>Western Journal of Nursing Research</i>	1	
<i>BMJ Open</i>	1	
<i>Psycho-Oncology</i>	5	2
<i>Frontiers in Neuroscience</i>	1	
<i>European Journal of Neurology</i>	1	
<i>Journal of Supportive Care in Cancer</i>	1	1
<i>The Breast</i>	1	
<i>Journal of Affective Disorders</i>	1	1
<i>European Journal of Cancer Care</i>	3	3
<i>Brain Science</i>	1	1
<i>Brain and Behavior</i>	1	1
<i>Journal of Pain and Symptom Management</i>	1	1
<i>Journal of Alzheimer's Disease Reports</i>	1	1
<i>International Journal of Africa Nursing Sciences</i>	1	1
<i>Scientific Reports</i>	1	1

Other Research Positions

Graduate Research Assistant The University of Texas at Austin, School of Nursing <i>R01NR014362 "A Multisite Trial of a Cognitive Rehabilitation Intervention for Persons with MS". Co-PI and Advisor: Alexa Stuijbergen, Co-PI Heather Becker. GRA Role: Data collection, data management, and statistical analyses</i>	2013—2016
Graduate Research Assistant The University of Texas at Austin, School of Nursing <i>Shivers Foundation "Building Cognitive Abilities among Cancer Survivors". PI and Advisor: Heather Becker. GRA Role: Interventionist, Neuropsychological tester</i>	2013—2016

Graduate Research Assistant

2013—2016

The University of Texas at Austin, School of Nursing

Pilot Study “An Intervention to Promote Wellness, Relaxation and Energy for Women with MS”. PI and Advisor: Alexa Stuifbergen. GRA Role: Data collection, management, and analyses

Graduate Research Assistant

2013—2016

The University of Texas at Austin, School of Nursing

Center for Health Promotion Research in Underserved Populations Pilot Study “Exploring Cancer Survivors’ Perceptions of a Proposed Cognitive Intervention”. PI and Advisor: Heather Becker. GRA Role: Data collection and analyses

Licensures and Certifications

Registered Nurse

State of Texas (license #757009)

2008—present