

Meagan Whisenant PhD, APRN
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EDUCATION

Postdoctoral	The University of Texas MD Anderson Cancer Center Division of Internal Medicine Department of Symptom Research Houston, Texas	2017-2019
Postdoctoral	University of Utah College of Nursing Salt Lake City, Utah NIH/NRSA/NINR Training Grant T32NR013456	2016-2017
PhD	University of Utah College of Nursing Salt Lake City, Utah Post-Master's Certificate in Nursing Education	2016
MSN	University of Texas Health Science Center at Houston School of Nursing Houston, Texas Family Nurse Practitioner	2006
BSN	New York University College of Nursing New York, New York	2002

LICENSURE & CERTIFICATION

Registered Nurse, TX 694862		Active
Advanced Practice Nurse – Family Nurse Practitioner, TX 694862		Active
Family Nurse Practitioner Certified (FNP-BC)	ANCC	2007 - 2022
Oncology Certified Nurse	ONCC	2006

PROFESSIONAL EXPERIENCE

The University of Texas MD Anderson Cancer Center Brain and Spine Clinic Houston, Texas	Clinical Nurse	2003 - 2004
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The University of Texas MD Anderson Cancer Center Oncology Telemetry Unit Houston, Texas	Clinical Nurse	2005 - 2006
University of Utah College of Nursing NINR Graduate Partnerships Program Salt Lake City, Utah	Fellow	2007 - 2009
University of Utah College of Nursing “Hospice – RNCM Communication Pilot” Pat Berry PhD (PI) Salt Lake City, Utah	Graduate Research Assistant	2008 - 2009
University of Utah College of Nursing “Telephone Linked Care-NP” Kathi Mooney PhD (PI), NCI/NIH R01 CA120558 “Symptom Care by Phone” Kathi Mooney PhD (PI) “Partners in Hospice Care” Kathi Mooney PhD (PI), NCI/NIH P01CA138317 Salt Lake City, Utah	Graduate Research Assistant	2011 - 2013
Mercy Logan County Convenient Care Mercy Logan After Hours Care Guthrie, Oklahoma	Nurse Practitioner	2011-2013
University of Utah College of Nursing Salt Lake City, Utah	T32 Postdoctoral Fellow	2016 - 2017
The University of Texas MD Anderson Cancer Center Division of Internal Medicine Department of Symptom Research Houston, Texas	Postdoctoral Fellow	2017 - 2019
The University of Texas MD Anderson Cancer Center Division of Internal Medicine Department of Symptom Research Houston, Texas	Instructor	2019 - 2020

The University of Texas
Health Science Center at Houston
Cizik School of Nursing
Department of Research
Houston, Texas

Assistant Professor

2020 - Present

Additional Professional Education

- 2017 Latent Growth Curve Modeling Workshop, Statistical Horizons, Philadelphia, Pennsylvania (2-day course)
- 2016 Integrative Molecular Epidemiology Workshop, American Academy of Cancer Research, Boston, Massachusetts (1-week course)
- 2016 Longitudinal Data Analysis Short Course, The Center for Integrative Latent Variable Research, University of Maryland (3-day course)
- 2011 Introduction to Structural Equation Modeling, The Center for Integrative Latent Variable Research, University of Maryland (2-day course)
- 2011 Advanced Topics in Structural Equation Modeling, The Center for Integrative Latent Variable Research, University of Maryland (3-day course)
- 2008 Hierarchical Linear Modeling Seminar, University of Utah (1-week course)

HONORS & AWARDS

Hawn Foundation Fellowship	Hawn Foundation Department of Symptom Research The University of Texas MD Anderson Cancer Center	2017-2020
Postdoctoral Travel Award	Postdoctoral Association The University of Texas MD Anderson Cancer Center European Organization for Research and Treatment of Cancer 5 th Quality of Life in Cancer Clinical Trials Conference	2019
Postdoctoral Fellowship	National Institute of Health (NIH) National Research Service Award (NRSA) National Institute of Nursing Research (NINR) Training Grant: T32NR01456 "Interdisciplinary Training in Cancer, Aging, and End-of-Life Care"	2016 - 2017
Participant	ONS Nursing Scientist Intensive Oncology Nursing Foundation	2017

Congress Scholarship	Oncology Nursing Foundation	2017
Participant	Integrative Molecular Epidemiology Workshop American Academy of Cancer Research	2016
Fellow	National Institute of Health (NIH) National Institute of Nursing Research (NINR) Graduate Partnerships Program (GPP)	2006 - 2007
Mary Mazzaway Scholarship	Houston Chapter Oncology Nursing Society	2005
Nolan Cancer Scholarship	Houston Chapter Oncology Nursing Society	2003

GRANTS

Research Grants

Couple-Based Meditation Program for Patients with Metastatic Lung Cancer and their Partners, NIH/NCI, R21 CA191711-02, Collaborator (PI: Kathrin Milbury), \$379,923, 04/16/2017-06/30/2018

Defining the Symptom Burden of Inflammatory Breast Cancer, Morgan Welch IBC Research Program, PI: Meagan Whisenant, \$2000, 09/01/2018-08/30/2019

Couple-Based Meditation Program for Patients with Metastatic Lung Cancer and their Partners NIH/NCI, R21 CA191711-02, Collaborator (PI: Kathrin Milbury), \$379,923, 07/01/2018-2/28/2019

The Effect of an e-Health Coaching Program on Patient Reported Outcomes of Men with Prostate Cancer, Astellas, Co-Principal Investigator (PI: Lori Williams), 07/15/2019-04/01/2021

Longitudinal Cohort Study of the Effects of an e-Health Coaching Program on Patient Reported Outcomes of Women with Breast Cancer, Genentech, Co-Principal Investigator (PI: Lori Williams), 04/22/2019-04/22/2021

Symptom Burden in Patients with Progressive, Recurrent Gastric or Gastroesophageal Junction Cancer, Eli Lilly, Collaborator (PI: Xin Shelley Wang), \$463,786, 5/11/2018-5/10/2021

Percutaneous Cordotomy for pain palliation in patients with advanced cancer: A randomized controlled study, Baylor College of Medicine, Collaborator (PI: Ashwin Viswanathan), \$204,000, pending

Impacts of Religion and Spirituality on End-of-Life Care Decision-Making: A Multi-Method Longitudinal Study for Adolescents and Young Adults with Advanced Cancer and Their Parents, NCI/NIH, Co-Investigator (PI: Dalnim Cho), \$275,000, under review

PRO-Based Approach in End-of-Life and Palliative Care to mCRC, NCI/NIH, Co-Investigator (PI: Xin Shelley Wang), under review

Integration of Patient-Reported Outcomes into the Care of Patients with Hematologic Malignancies Receiving Chimeric Antigen Receptor T-Cell Therapy, NCI/NIH, Co-Investigator (PI: Xin Shelley Wang), under review

Development of a Patient-Report Outcomes Data-Display Dashboard with Decision Support for Breast Cancer Survivorship Clinicians, Johnson & Johnson, PI: Meagan Whisenant, \$100,000, under review

Education Grants

T32 Institutional Training Grant in Cancer, Aging and End of Life Care, NIH/NINR, T32NR013456, Postdoctoral Fellow (PI: Ginny Pepper, Susan Beck), \$1,800,000, 08/16/2016-08/15/2017

Hawn Foundation Fund for Education Programs in Pain Symptom Research, Hawn Family Foundation, The University of Texas MD Anderson Cancer Center Department of Symptom Research, Postdoctoral Fellow, 08/16/2017-04/10/2020

PUBLICATIONS

Peer Reviewed Publications

Whisenant, M. (2011). The experience of informal caregivers of patients with brain tumors: Jumping into the deep end. *Oncology Nursing Forum*, 38(4): E373-E381.

Whisenant, M., Wong, B., Mitchell, S., Beck, S., & Mooney, K. (2017). Distinct trajectories of fatigue and sleep disturbance in women receiving chemotherapy for breast cancer. *Oncology Nursing Forum*, 44(6), 739-750.

Mooney, K., Beck, S. L., Wong, B., Dunson, W., Wujcik, D., **Whisenant, M.,** & Donaldson, G. (2017). Automated home monitoring and management of patient-reported symptoms during chemotherapy: results of the symptom care at home RCT. *Cancer Medicine*, 6(3), 537-546.

Mooney, K., Berry, D. L., **Whisenant, M.,** & Sjoberg, D. (2017). Improving Cancer Care through the Patient Experience: How to Use Patient Reported Outcomes in Clinical Practice. *ASCO Educational Book*, 37, 695-704.

Whisenant, M., Wong, B., Mitchell, S., Beck, S., & Mooney, K. (2018). Symptom trajectories are associated with co-occurring symptoms during chemotherapy for breast cancer. *Journal of Pain and Symptom Management*, 57(2), 183-189.

Mooney, K., **Whisenant, M.,** & Beck, S. L. (2018). Symptom Care at Home: A comprehensive and pragmatic PRO system approach to improve symptom care for individuals with cancer. *Medical Care*, Epub ahead of print.

Williams, L. A., **Whisenant, M. S.,** Mendoza, T. R., Haq, S., Keating, K. N., Cuffel, B., & Cleeland, C. (2018). Modification of existing patient-reported outcome measures: qualitative development of the MD

Anderson Symptom Inventory for malignant pleural mesothelioma (MDASI-MPM). *Quality of Life Research*, 27(12), 3229-3241.

Whisenant, M., Strunk, F.A., Tripathy, D., & Williams, L.A. (2019). What symptoms are important to patients? Developing a symptom burden measure for women with breast cancer. *Supportive Care in Cancer*, 27, 4639-4647.

Whisenant, M., Wong, B., Beck, S., Mitchell, S., & Mooney, K. (2020). Trajectories of Depressed Mood and Anxiety During Chemotherapy for Breast cancer. *Cancer Nursing*, 43(1), 22-31.

Milbury, K., Weather, S., Durrani, S., Li, Y., **Whisenant, M.**, Li, j., Lim, B., Weinberg, J., Kesler, S., & Bruera, E. (in press). Online couple-based medication intervention for patients with primary or metastatic brain tumors and their spouses: Results of a pilot randomized controlled trial. *Journal of Pain and Symptom Management*.

Whisenant, M., Williams, L.A., Garcia Gonzalez, A., Mendoza, T., Shi, Q., Cleeland, C., Zhang, J., Heymach, J., & Simon, G. (in press). What do patients with non-small cell lung cancer experience? Content domain for the MD Anderson Symptom Inventory for Lung Cancer. *Journal of Oncology Practice*.

Pill, K., **Whisenant, M.**, Mendoza, T.R., Armstrong, T., Cleeland, C.S., Nordentoft, S., Williams, L.A., & Jarden, M. (under review). Psychometric validation and reliability of the Danish version of the MD Anderson Symptom Inventory Brain Tumor Module (MDASI-BT). *Neuro-Oncology Practice*.

Whisenant, M., Williams, L.A., Mendoza, T., Cleeland, C.S., Hsuan, T., Fisch, M.J., & Shi, Q. (under review). Identification of breast cancer survivors with high symptom burden. *Journal of Cancer Survivorship*.

Snyder, S., Silva, R.F., **Whisenant, M.**, Milbury, K. (under review). Videoconferenced yoga interventions for cancer patients and their caregivers during the COVID-19 pandemic: a report from a clinician's perspective. *Journal of Integrative cancer Therapies*.

Mooney, K., **Whisenant, M.**, Berry, P., Sweetenham, J., Beck, A., & Donaldson, G. (under review). Impact of an automated, remote monitoring and coaching intervention in reducing cancer family caregiving burden: A multisite randomized controlled trial. *Journal of Clinical Oncology*.

Mooney, K., Beck, S., **Whisenant, M.**, & Donaldson, G. (under review). Will patients engage with automated technology to communicate poorly controlled symptoms? *Psychooncology*.

Whisenant, M., Bamidele, O., Cleeland, C., & Williams, L.A. (under review). Patients' preferences of patient-reported outcomes measures for use in clinical practice. *Cancer Nursing*.

Whisenant, M., Coombs, L., Wilson, C., & Mooney, K. (under review). Analysis of symptom communication in women with breast cancer receiving treatment. *Breast Cancer Research and Treatment*.

Books & Chapters

Whisenant, M. & Mooney, K. (2018). Implementation of Concurrent Palliative Care during Treatment for Advanced Cancer. In *Optimizing the Cancer Control Continuum: Advancing Implementation Research*, Chambers, D, Vinson, C, & Norton, W (Eds.). Oxford University Press.

Peer Reviewed Abstracts

Whisenant M., Wilson A., Donaldson G., Mooney K. (2017) Cancer caregiver perception of symptom severity change, *Support Care Cancer* 25(2 Supplement), S235.

Whisenant M., Wong B., Mitchell S., Beck S., Mooney K. (2017) Trajectories of mood disturbance are associated with co-occurring symptoms, *Support Care Cancer* 25(2 Supplement), S235.

Mooney K., **Whisenant, M.** (2018) Do women being treated for breast cancer talk with their oncologist about the poorly controlled symptoms they experienced in the week prior to their clinic visit? *Med Decis Making* 38(6), E568.

Whisenant M., Williams L., Vaghani V., Shi Q., Garcia Gonzalez A., Haq S., Cleeland C., Zhang J., Heymach J., Simon G. (2018) Defining the symptom burden of non-small cell lung cancer, *J Thorac Oncol* 13(10), S1001-S1002.

Whisenant M., Bamidele O., Cleeland C., Williams, L. (2018) Patients' preference of cancer symptom patient reported outcomes measures, *Qual Life Res* 27(1 Supplement), S77.

Whisenant M. S., Strunk F. A., Tripathy D., Williams L. A. (2019) Qualitative development of a patient-reported outcome measure of symptom burden in breast cancer, *J Natl Compr Canc Netw* 17(3.5).

PRESENTATIONS

International

Whisenant, M., Wong, B., Mitchell, S., Beck, S., & Mooney, K., (June 2017), Trajectories of mood disturbance are associated with co-occurring symptoms, MASCC/ISSO Annual Meeting on Supportive Care in Cancer, Washington, D.C., Poster presentation.

Whisenant, M., Wilson, A., Donaldson, G., & Mooney, K., (June 2017), Cancer caregiver perception of symptom severity change, MASCC/ISSO Annual Meeting on Supportive Care in Cancer, Washington, D.C., Poster presentation.

Mooney, K. & **Whisenant, M.**, (June 2018), Do women being treated for breast cancer talk with their oncologist about the poorly controlled symptoms they experienced in the week prior to their clinic visit?, Society for Medical Decision Making 17th Biennial European Conference, Leiden, Netherlands, Podium presentation.

Whisenant, M., Williams, L. A., Vaghani, V., Shi, Q., Garcia Gonazalez, A., Haq, S., Cleeland, C., Zhang, J., Heymach, J., & Simon, G., (September 2018), Defining the symptom burden of non-small cell lung cancer, International Association for the Study of Lung Cancer 19th World Conference on Lung Cancer, Toronto, Canada, Poster presentation.

Whisenant, M., Bamidele, O., Cleeland, C., & Williams, L. A., (October 2018), Patients' preference of cancer symptom patient reported outcome measures, International Society for Quality of Life Research 25th Annual Meeting, Dublin, Ireland, Poster presentation.

Whisenant, M., Strunk, F., Tripathy, D., & Williams, L. A., (March 2019), Qualitative development of a patient-reported outcome measure of symptom burden in breast cancer, 2019 NCCN Annual Conference, Orlando, Florida, Poster presentation.

Whisenant, M., Williams, L.A., Shi, Q., Mendoza, T., Wang, X.S., & Cleeland, C., (October 2019), Understanding and acceptability of the MD Anderson Symptom Inventory in patients with cancer, International Society for Quality of Life Research 26th Annual Meeting, San Diego, California, Poster presentation.

Whisenant, M., Mendoza, T., Bamidele, O., Garcia-Gonzalez, A., Malveaux, D., Griffin, D., Williams, L.A., (October 2019), Patients' preference of patient reported outcomes symptom measurement, International Society for Quality of Life Research 26th Annual Meeting, San Diego, California, Poster presentation.

Whisenant, M., Shi, Q., Williams, L.A., & Cleeland, C.S., (October 2019), Identification of breast cancer survivors with high symptom burden, International Society for Quality of Life Research 26th Annual Meeting, San Diego, California, Poster presentation.

Whisenant, M., Alexander, A., Williams, L.A., & Ueno, N.T., (December 2019), Establishing the content domain for a patient-reported outcomes measure to evaluate the unique symptom burden of inflammatory breast cancer, San Antonio Breast Cancer Symposium 2019 Annual Meeting, San Antonio, Texas, Poster presentation.

Mooney, K. & **Whisenant, M.**, (March 2020, accepted), Symptom talk during clinic visits for treatment of breast cancer: do we get an accurate picture?, 12th European Breast Cancer Conference, Barcelona, Spain, Poster presentation.

Whisenant, M., Williams, L.A., Palos, G., Garcia Gonzalez, A., & Rodriguez, A. (June 2020, accepted), Cancer survivorship clinicians' opinions about survivor care needs, MASCC/ISSO Annual Meeting on Supportive Care in Cancer, Seville, Spain, Poster presentation.

National

Williams, L, Couriel, D, Neumann, J, **Whisenant, M**, Galbizo, E, & Cleeland, C., (February 2007), The experience and symptom burden of chronic graft-versus-host disease, The Ninth National Conference on Cancer Nursing Research, Hollywood, California, Poster presentation.

Whisenant, M., (February 2007), The experience of informal caregivers of patients with brain tumors, The Ninth National Conference on Cancer Nursing Research, Hollywood, California, Poster presentation.

Galbizo, E, Williams, L, & **Whisenant, M.,** (February 2007), The psychosocial and emotional impact of chronic graft-versus-host disease, The Ninth National Conference on Cancer Nursing Research, Hollywood, California, Poster presentation.

Whisenant, M., (April 2008), Symptom burden: A concept analysis, The Western Institute of Nursing Research Conference, Anaheim, California, Poster presentation.

Whisenant, M & Clark, L., (October 2009), *Including individuals with cognitive impairment in research*, Intermountain Evidence-Based Nursing Research Conference, Salt Lake City, Utah, Poster presentation.

Whisenant, M., Wujcik, D., Mooney, K., & Beck, S. (November 2012), Monitoring the integrity of a guideline-based symptom intervention across multiple nurse practitioner interventionists in a multi-site clinical trial, Connections: Advancing Care through Science Conference, Phoenix, Arizona, Podium presentation.

Whisenant, M., Beck, S., Mitchell, S., Wong, B., Neumayer, L., & Mooney, K. (September 2016), Distinct trajectories of fatigue and sleep disturbance in women undergoing chemotherapy for breast cancer, Council for the Advancement of Nursing Science: State of the Science Conference, Washington, D.C., Podium presentation.

Whisenant, M., Beck, S., Mitchell, S., Wong, B., & Mooney, K. (April 2017), Fatigue and Disturbed Sleep Trajectories Are Associated with Co-Occurring Symptoms, Western Institute of Nursing's 50th Annual Communicating Nursing Research Conference, Denver, Colorado, Podium presentation.

Whisenant, M., Beck, S., Mitchell, S., Wong, B., & Mooney, K. (May 2017), Subgroups of women experiencing similar trajectories of depressed mood and anxiety while undergoing chemotherapy for breast cancer, Oncology Nursing Society 42nd Annual Congress, Denver, Colorado, Podium presentation.

Whisenant, M., Haq, S., Garcia Gonzalez, A., & Williams, L., (May 2018), Advice to others shared by patients with non-small cell lung cancer, Oncology Nursing Society 43rd Annual Congress, Washington, D.C., Poster presentation.

Whisenant, M. & Mooney, K. (September 2019), Clinical action plans based on patient-reported outcomes, Patient Reported Outcomes in the Clinical Setting, Houston, Texas, Podium presentation.

Whisenant, M., Mendoza, T., Bamidele, O., Garcia Gonzalez, A., & Williams, L.A., (April 2020, accepted), Survivors' preferences of patient reported outcomes symptom measurement, Oncology Nursing Society 45th Annual Congress, San Antonio, Texas, Poster presentation.

Regional/State

Whisenant, M., Bamidele, O., Cleeland, C., & Williams, L. A., (October 2018), Patients' preference of cancer symptom patient reported outcome measures, MD Anderson 8th Annual Postdoctoral Science Symposium, Houston, Texas, Poster presentation.

Whisenant, M., Williams, L. A., Vaghani, V., Shi, Q., Garcia Gonazalez, A., Haq, S., Cleeland, C., Zhang, J., Heymach, J., & Simon, G., (March 2019), Defining the symptom burden of non-small cell lung cancer, MD Anderson Cancer Center Trainee Research Day, Houston, Texas, Poster presentation.

Whisenant, M., Strunk, F., Tripathy, D., & Williams, L. A., (May 2019), Qualitative development of a patient-reported outcome measure of symptom burden in breast cancer, MD Anderson Nurses' Week Poster Session, Houston, Texas, Poster presentation.

PROFESSIONAL SERVICE

Editorial Boards/Panels

<i>Oncology Nursing Forum</i>	Reviewer	2006 – Present
<i>Quality of Life Research</i>	Reviewer	2018 – Present
<i>Journal of Professional Nursing</i>	Reviewer	2019 – Present

Professional Service

Western Institute of Nursing 50th Annual Communicating Nursing Research Conference	Abstract Reviewer	2017
Western Institute of Nursing 50th Annual Communicating Nursing Research Conference	Poster Judge	2017
Oncology Nursing Society 42 nd Annual Congress	Abstract Reviewer	2017
Houston Chapter Oncology Nursing Society Research Committee	Chair	2017 - Present
Oncology Nursing Society 43 rd Annual Congress	Abstract Reviewer	2018
Clinical Research Competition MD Anderson Cancer Center Trainee Research Day	Judge	2019
Clinical Research Competition MD Anderson Cancer Center Trainee Research Day	Judge	2020

Professional Memberships

2003 - Present	Oncology Nursing Society
2007 - Present	Sigma Theta Tau International
2007 - Present	Council for the Advancement of Nursing Science
2012 - 2015	Symptoms and Palliative Care RITe, University of Utah
2013 - 2015	Reynolds Center of Geriatric Nursing Excellence, University of Oklahoma
2016 – Present	American Association of Cancer Research
2017 - Present	Multinational Association of Supportive Care in Cancer
2018 - Present	International Society for Quality of Life Research
2018 - Present	International Association for the Study of Lung Cancer
2018 - Present	Houston Chapter Oncology Nursing Society

Institutional Service

University of Utah College of Nursing

Retention, Promotion and Tenure Committee	Student Member	2012
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The University of Texas MD Anderson Cancer Center

Patient-Reported Outcomes Survivorship Workgroup	Member	2017 - 2020
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PBHSRC	Member	2019 – 2020
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Division of Internal Medicine Research Committee	Member	2019 - 2020
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Courses Taught

University of Utah College of Nursing, N7089, Discovery and Innovation in Science, 3 credits, Co-Instructor, Spring 2018, Synchronous Online Learning