

Ashley Maria Henneghan, PhD, MSN, BSN, RN

The University of Texas at Austin
School of Nursing
1710 Red River St.
Office 3.450
Austin, TX 78701
ahenneghan@utexas.edu
(o) 512-471-5412 (c) 484-467-4688

EDUCATION

Post-doctoral MD Anderson Cancer Center, Neuro-Oncology, 2017-2018
Fellowship

PhD. The University of Texas at Austin, School of Nursing, 2017

M.S.N. The University of Texas at Austin, School of Nursing, 2014

B.S.N. The Pennsylvania State University, University Park, 2008

RESEARCH

**Assistant Professor at the University of Texas at Austin School of Nursing, Tenure-Track,
Assistant Professor at the University of Texas at Austin Dell Medical School, Livestrong Cancer
Institute (August 2018- Present)**

- 5P30NR015335, “Improving Cognition in Breast Cancer Survivors using Meditation: A Pilot Study”. Dates: Sept 2018- December 2019. Role: Principle Investigator. 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.
- 1R01CA226080-01A1, “Predicting Long-Term Chemotherapy-Related Cognitive Impairment”. Impact score of 10, 1st percentile, Role: Consultant. This project aims to use functional connectome metrics obtained pre-treatment to predict long-term cognitive outcome in patients with breast cancer scheduled for chemotherapy.
- 2R01CA172145-06, “Very-long Term Neurocognitive Outcomes in Breast Cancer Survivors”. Impact score of 18, 2nd percentile. Role: Consultant. The proposed project will significantly advance the understanding of chemotherapy-related cognitive impairments by extending our knowledge on very long-term neurobiological outcomes along with the different subtypes of cognitive impairments and associated neural profiles following breast cancer chemotherapy.
- R25 CA203637, “InterProfessional Education eXchange”. Dates: July 2018-June 2019. Role: Professor of Nursing IPE representative for the University of Texas at Austin. National Training Program for Educators in Developing Interprofessional Education for Supportive Care in Oncology.

**Postdoctoral Fellow at MD Anderson Cancer Center, Department of Neuro-Oncology,
Neuropsychology Section, Mentor: Shelli Kesler, PhD (September 2017- July 2018)**

- Working with SK on her ongoing prospective and multisite studies of breast cancer survivors evaluating neurocognitive, biological and behavioral measures (R01CA172145, R01NR014195, R03CA191559)
- Collaborating with SK and her research team to conceptualize research questions, perform data analyses, interpret results, and disseminate the findings

- Attending weekly Neuroimaging Lab meetings, Neuropsychology Department weekly didactic classes and the Advanced Neuro-imaging Conferences within the Texas Medical Center
- Managing recruitment, enrollment, data collection, and management for SK's research evaluating a tablet based neurocognitive battery in breast cancer patients and survivors'
- Completing advanced statistics training with SK in R Studio
- Completing grant writing didactic course with SK with focus on National Cancer Institute Strategies (R01 renewal, R03, R21, and ACS Mentored Research Grant)
- Working with SK in her role on the Steering Committee for Neuroscience and CAR-T therapy
- Presenting research findings to international audience in 3 abstracts (2 oral, 1 poster) at the International Cancer and Cognition Task Force Bi-annual meeting (April 2018)
- Conducting secondary analyses of dissertation data by applying new research methods and analytics such as machine learning and connectome metrics

Individual Pre-doctoral Fellow at UT Austin, School of Nursing “Biobehavioral Contributors to Cognition in Breast Cancer Survivors” F31NR015707, Sponsor: Dean Alexa Stuifbergen, PhD, RN (April 2016 – August 2017)

- Conducted dissertation study independently under the supervision of dissertation chair and committee
- Completed external research training at the Neuro-Oncology Department at MD Anderson (observing in the neuropsychology clinic, administering standardized neuropsychological assessments to research participants, conducting fMRI and biomarker data analyses with PI Kesler, attending the neuro-oncology lab meetings, and presenting study to research team)
- Conceptualized and took the lead on manuscript and abstract development and submission processes
- Collaborated with an interdisciplinary team across the University of Texas at Austin led by Neuroscience Institute faculty member on the topic of chemotherapy related cognitive impairments
- Collaborated with the Susan G. Love Foundation's Army of Women for recruitment (Scientific Advisory Council approval, ongoing communication with the research program coordinator and the recruitment department)
- Mentored undergraduate research assistants and doctoral students
- Acted as the community expert in cancer related cognitive changes (e.g. referrals from medical oncologists, provided educational programs to healthcare providers and survivor groups)
- Completed independent studies in statistics (University of Texas at Austin Summer Statistics Institute Course- Structural Equation Modeling; Johns Hopkins University Online Courses- R Studio Programming; fMRI Principles through Coursera)

Graduate Research Assistant, The University of Texas at Austin, School of Nursing (January 2013 – April 2016)

- R01NR014362 “A Multisite Trial of a Cognitive Rehabilitation Intervention for Persons with MS”. Co-PI and Advisor: Alexa Stuifbergen, Co-PI Heather Becker. GRA Role: Data collection, data management, and statistical analyses
- Shivers Foundation “Building Cognitive Abilities among Cancer Survivors”. PI and Advisor: Heather Becker. GRA Role: Interventionist, Neuropsychological tester
- 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
- 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

PEER-REVEIWED PUBLICATIONS

Manuscripts

In Development

Henneghan, A. Kesler S, Palesh, O. Prospective study of self-reported executive function and emotional distress in breast cancer survivors from pre-surgery to 1 year following end of treatment. *Psycho-Oncology*.

Henneghan, A., Osier, N., Edwards, M., Kesler, S. Associations between Amyloid Beta and Cognitive Performance in Breast Cancer Survivors up to 10 years post chemotherapy treatment.

In Review

Henneghan, A., Rao, V., Palesh, O., Tong, B., Torres, T., Tran, T., Blayney, D., Kesler S. Increased brain age from pre-treatment to post-chemotherapy in patients with breast cancer. *Frontiers of Aging Neuroscience*.

Published

Henneghan, A., Oxana, P., Kesler S. Identifying cytokine predictors of cognitive functioning in breast cancer survivors using machine learning. *J Neuroimmunol*. 2018 April 19. doi: doi.org/10.1016/j.jneuroim.2018.04.012. [Epub ahead of print].

Henneghan AM, Carter P, Stuiifbergan 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. *Psycho-Oncology*. 2018;1–7. <https://doi.org/10.1002/pon.4745>

Henneghan A, Stuiifbergen 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*. 2017 Nov 7. doi: 10.1007/s11764-017-0661-9. [Epub ahead of print] PubMed PMID: 29116555.

Henneghan A., Phillips, C., & Courtney, A. (in press). We are different: young adult survivors' experience of breast cancer. *The Breast*.

Henneghan A., Stuiifbergen 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. PubMed PMID: 28885466; PubMed Central PMCID: PMC5657431.

Kesler SR, Adams M, Packer M, Rao V, **Henneghan A.**, 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. eCollection 2017 Mar. PubMed PMID: 28293478; PubMed Central PMCID: PMC5346525.

Becker H, Stuiifbergen 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*. 2017 May 29;1-15. doi: 10.1080/09602011.2017.1329154. [Epub ahead of print] PubMed PMID: 28552019; PubMed Central PMCID: PMC5708149.

Becker H, **Henneghan A.**, 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. PubMed PMID: 28222075.

Becker H, Stuiifbergen 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. PubMed PMID: 27161425.

Henneghan A. Modifiable factors and cognitive dysfunction in breast cancer survivors: a mixed-method systematic review. *Support Care Cancer*. 2016 Jan;24(1):481-97. doi: 10.1007/s00520-015-2927-y. Epub 2015 Sep 29. Review. PubMed PMID: 26416490.

Becker H, **Henneghan A.**, Mikan SQ. When do I get my brain back? Breast cancer survivors' experiences of cognitive problems. *Clinical journal of oncology nursing*. 2015;19:180.

Henneghan A., 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. Review. PubMed PMID: 24935277.

Henneghan A., 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. Review. PubMed PMID: 24259404.

Patt D, Toth S, **Henneghan A.**, Mikan S. How to begin a survivorship program in your community. *Community Oncology*. 2013 October; :272-276. doi:10.12788/j.cmonc.0058

Abstracts

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.

CONFERENCE PRESENTATIONS-

International Presentations

Henneghan A., Osier, N., Edwards, M., Kesler, S. “Amyloid Beta and Cognitive Performance of Breast Cancer Survivors”. Submitted Conference Abstract. 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”. Submitted Conference Abstract. 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

Stuijbergen, 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

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/Local Presentations

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.

Invited Professional Presentations

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 or Services. Austin, TX. April 22, 2016

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

FELLOWSHIPS, SCHOLARSHIPS AND AWARDS

FELLOWSHIPS

- 2016-2017 NINR Individual National Research Service Award, Pre-doctoral Fellowship, NINR Grant No. F31NR015707-01 University of Texas at Austin, School of Nursing
- 2017 Graduate School Dissertation Writing Fellowship, University of Texas at Austin
- 2015-2017 American Cancer Society Doctoral Degree Scholarship in Cancer Nursing Grant No. DSCN-15-072 University of Texas at Austin, School of Nursing
- 2016-2017 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
- 2015-2016 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 Graduate School Summer Fellowship The University of Texas at Austin
- 2014-2016 Jonas Nurse Leaders Scholar American Academy of Colleges of Nursing
- 2014-2015 Promise of Nursing for Texas Regional Faculty Fellowship National Student Nurses Association
- 2014-2015 Graduate Scholar The University of Texas at Austin
- 2013-2014 Graduate Scholar The University of Texas at Austin

2012-2013 Lee Hage Jamail Endowed Excellence Fund in Nursing Fellowship The University of Texas at Austin

SCHOLARSHIPS

2016-2017 ONS Foundation Research Doctoral Scholarship Oncology Nursing Foundation
2015-2016 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.
2014-2015 Nurses Educational Funds Margaret Gould Tyson Scholarship Nursing Educational Funds, Inc.
2013-2014 Nurses Educational Funds Evelyn Barclay Scholarship Nursing Educational Funds, Inc.
2012-2014 Joe and Tana Christie Endowed Presidential Scholarship in Nursing The University of Texas at Austin
2004-2006 Dean's Scholarship Northeastern University

AWARDS

2018 MD Anderson Fellow Training Day Cancer Survivorship Abstract Award (3rd Place)
2018 Young Investigator Award— International Cancer and Cognition Task Force
2017 Professional Development Award The University of Texas at Austin
2016 Professional Development Award The University of Texas at Austin
2015 Kuhn Family IE Mentorship Award The University of Texas At Austin
2015 Professional Development Award The University of Texas at Austin
2014 Central Texas Oncology Nursing Society Professional Award Austin Chapter of Oncology Nursing Society

TEACHING

The University of Texas at Austin, Austin, TX

- Assistant Professor, Undergraduate Course “Introduction to Nursing Research” (September 2018-Present)
- Group Facilitator, Research Intervention Study “Improving Cognitive Abilities of Breast Cancer Survivors” (December 2014—July 2015)
- Teaching Assistant, Undergraduate Signature Course “Sleep: Are we Getting Enough?” September (2013—January 2014)
- Teaching Assistant, Undergraduate Signature Course “Stress Management?” (Summer 2013)
- Guest Lecturer, Undergraduate Courses (Ethics, Complementary and Alternative Medicine), School of Nursing (Spring 2013)
- Teaching Assistant, Skills and Simulation Labs, School of Nursing (Fall 2012- Spring 2013)

Community Education, Austin, TX

- Educational Program Presenter: “Cancer Related Cognitive Changes”, Breast Cancer Resource Center. (August 2014—present)
- Survivorship Educator, Texas Oncology- Balcones. (September 2013—present)
- Quality Manager/ Nurse Educator, Odyssey Hospice. (January 2012—July 2012)

CLINICAL EXPERIENCE

- Quality Manager; Case Manager Odyssey Hospice, Austin, TX (2009-2012)
- Staff Nurse, St. David’s South Austin Hospital, Austin, TX. Departments: Telemetry; Critical Care (2008-2009)

SERVICE

Institutional Committee Service

- 2018- present Graduate Studies Committee, Voting Member
- 2018- present iPEX Team Member, Interprofessional Palliative Care Education Team, University of Texas at Austin
- 2017-present Committee Member, Neuroscience and CAR-T Therapy Committee, MD Anderson Cancer Center
- 2017-present Research Group Member, Metformin and Cancer Research Group, MD Anderson Cancer Center
- 2015-2017 Ph.D Student Representative, Graduate Studies Committee. University of Texas at Austin
- 2014-2016 Ph.D Student Volunteer, Interprofessional Education Committee. University of Texas at Austin

To Profession

- 2014-present President-elect/President/ Membership Chair/Vice President Central Texas Oncology Nursing Society, Austin, TX
- 2013-2015 *Mentor*, IE Mentorship Program

Peer Review

- 2017 Peer manuscript reviewer for *Psycho-Oncology*
- 2017 Co-Editor for *Frontiers in Neuroscience* "Accelerated brain aging in patients with cancer" Edition
- 2017 Peer manuscript reviewer for *European Journal of Neurology*
- 2016 Peer manuscript reviewer for *Journal of Supportive Care in Cancer*
- 2015 Peer manuscript reviewer for *The Breast*

To Community

- 2017 Oncology Nursing Society Hill Day Advocate
- 2014-present Program Presenter & Expert Blogger, Breast Cancer Resource Center, Austin, TX.
- 2013-present Survivorship Educator, Texas Oncology. Austin, TX.

PROFESSIONAL ORGANZIATIONS

- 2017-present Member, Cancer and Aging Research Group at City of Hope
- 2017- present Member, American Academy of Nursing Council for the Advancement of Nursing Science
- 2017- present Communications Chair, Oncology Nursing Society-Central Texas
- 2016-2017 Membership Chair, Oncology Nursing Society-Central Texas
- 2015-2016 President, Oncology Nursing Society-Central Texas
- 2014-2015 President-elect, Oncology Nursing Society-Central Texas
- 2014-present Member, Oncology Nursing Society-Central Texas
- 2013-2014 Member, Southern Research Nursing Society
- 2015-2016 Member, Society of Behavioral Medicine
- 2013-2014 Member, American Holistic Nursing Association
- 2013-2014 Member, Central Texas Association for Healthcare Quality
- 2012-2016 Member, Hospice and Palliative Nurse Association
- 2006-present Member, Sigma Theta Tau Honor’s Society