

**Sandra May Branson, PhD, MSN, RN, CNE**

Cizik School of Nursing, formerly The University of Texas Health Science Center at Houston (UTHealth)

School of Nursing

6901 Bertner Ave, # 794 Houston, Texas 77030

Office: 713-500-2132; Fax: 713-500-2142

[sandra.m.branson@uth.tmc.edu](mailto:sandra.m.branson@uth.tmc.edu)**EDUCATION**

Degree	Institution (location)	Date
Post Master's Certificate, Nursing Education	UTHealth School of Nursing; Houston, TX	2014
Doctor of Philosophy in Nursing	UTHealth School of Nursing; Houston, TX	2013
Master of Science in Nursing, Leadership & Administration	UTHealth School of Nursing; Houston, TX	2009
Bachelor of Science in Nursing	Texas Woman's University; Houston, TX	1996
Bachelor of Science in Psychology	University of Houston; Houston, TX	1993

**Other Education**

Fellow, Health Educators Fellowship Program	University of Texas Health Science Center; Houston, TX	2015
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**LICENSURE & CERTIFICATION**

Registered Nurse # 629342 (compact)	Texas Board of Nurse Examiners	June 1996 - current
Registered Nurse#61224120	Washington State Board of Nursing	January 2022 - current
Certified Nurse Educator	National League of Nursing	2019 - current
Basic Life Support for Healthcare Providers	American Heart Association	1994 - current
Advanced Cardiac Life Support	American Heart Association	2021 - current
TeamSTEPPS® Master Trainer	Agency for Healthcare Research & Quality	2016 - current
TeamSTEPPS® Faculty Trainer	American Hospital Association	2020 - current
NIHSS Stroke Scale Certification	American Heart Association	2021 - current
STOP THE BLEED® Trainer	ACS Committee on Trauma (ACS COT)	2021 - current
Community Emergency Response Team Member (Harris County)	Federal Emergency Management Agency	2021 - current

**PROFESSIONAL EXPERIENCE**

## The Methodist Hospital (Texas Medical Center; Houston, TX)

Critical Care Nursing Residency, Staff Nurse, Surgical Intensive Care Unit, Charge Nurse, Code Blue RN Team Leader, Preceptor	1996-1999
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## Staff Search &amp; Favorite Nurses (Houston, Texas)

Agency Nurse, Critical Care Units in 12 different hospitals	1999-2000
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## Methodist Willowbrook Hospital (Houston, Texas)

Staff & Charge Nurse, Intensive Care Unit	2000-2002
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Float Pool; Operations Administrator/Administrative Coordinator	2005-2006, 2010-2011
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Nurse Manager, Medical Surgical Services	2006-2008
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Hospital Clinical Educator	2008-2010
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Operations Administrator (PRN - Faculty Practice)	2019-present
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## Choice Source Therapeutics, Inc. (Houston, Texas)

Community Health Nurse, Infusion Therapy (pediatrics/adult)	2002-2005
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## Venetech, Inc. (Houston, Texas)

Clinical Educator	2004-2005
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## St. Luke's Episcopal Hospital (Texas Medical Center)

Staff Nurse, Emergency Department	2004-2005
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## UTHealth School of Nursing (Houston, Texas)

Faculty Facilitator, RN to BSN (MWH campus)	2008-2010
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Faculty Coordinator, Role Transition, RN to BSN (Adjunct)	2009-2010
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Accelerated PhD Scholar/Graduate Assistant, Online Instructor	2010-2013
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Faculty Coordinator, High Acuity (Adjunct)	2011-2012
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Clinical Instructor	Fall 2013
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Assistant Professor	2014-2020
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Associate Professor of Undergraduate Clinical Nursing	2020-current
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**HONORS & AWARDS**

## Texas Woman's University-Houston

Good Samaritan Foundation Scholarship \$500	1994
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TWU Alumni Scholarship \$600	1994-1996
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Judith Buchanan Davis Scholarship \$750	1994-1996
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John Winston Carter Memorial Scholarship \$1800	1995
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Memorial Hermann Hospital Memorial City Volunteer Scholarship \$1250	1995
Parry Nursing Scholarship \$1600	1995-1996
Methodist Willowbrook Hospital	
ICARE Service Awards (4)	2006-2008
Hospital Nursing Leadership (Nomination)	2008
UTHealth School of Nursing (Houston)	
UTHealth School of Nursing Dean's Scholarship \$500	2010
Hamill Foundation PhD Scholar \$180,000	2010-2013
PhD Student Spirit Award	2014
Nominee, McGovern Undergraduate Teacher of the Year	2014
UTHealth School of Nursing Center for Nursing Research Blue Ribbon Award for Research Abstract, "The relationship of pet ownership and pet attachment on psychosocial, biological, and executive function in the homebound elderly"	2015
Outstanding Houston Nurse (Texas Nurses Association District 9 Foundation)	2016
UTHealth School of Nursing Center for Nursing Research Blue Ribbon Award for Research Abstract, "Depression and biological stress in homebound older adults: Moderation by pet ownership"	2018

## GRANTS

### Research Grants

Biobehavioral correlates of cognitive function in the elderly, UTHealth School of Nursing Dean's research award, Boss, L. (PI), Kang, D.H., & **Branson, S.** (Co-I). \$6,000. 2014-2015.

Biobehavioral profiles of attachment to cats in community dwelling elderly, International Society of Anthrozoology (peer reviewed with scientific panel), **Branson, S.** (PI), Boss, L. (Co-I), Baun, M., Kang, D., & Padhye, N., \$45,000. 2014-2016.

Biobehavioral effects of therapy dog visitation in elderly intensive care unit patients: A pilot and feasibility study. Human Animal Bond Research Initiative Foundation/Morris Animal Foundation (peer reviewed with scientific panel), **Branson, S.** (PI), Boss, L. (Co-I), Baun, M., Kang, D., Hamlin, S. & Padhye, N., \$5,923, 2015-2017.

Biobehavioral correlates of cognitive function in Meals on Wheels participants, part II. UTHealth School of Nursing, Isla Carroll Turner Friendship Trust, Boss, L. (PI), Kang, D. & **Branson, S.** (Co-I). \$21,574, 2016-2017.

Pet Caretaking and Risk of Cognitive Impairment and Dementia in Older U.S. Adults Participating in a Nationwide Longitudinal Probability Cohort Study. Human Animal Bond Research Initiative Foundation (peer reviewed with scientific panel), **Branson, S.** (PI) & Cron, S., \$16,181, 2018-2019.

Modifying a Telephone Based Care Program to Assess for Self-Neglect. Alzheimer's Association of America, Pickens, S. (PI), **Branson, S.** (Co-I), & Kunick, M., \$119,998, 2018-2020.

Partners in Pet Care: Enhancing a Telephone Based Care Coordination Program for Homebound Older Adult Pet Owners with Cognitive Impairment and Their Caregivers. Sigma Theta Tau Zeta Pi Research Grant, **Branson, S.**, Pickens, S. & Bibbo, J., \$1,000.00, 2019.

#### Other Intramural Funding

The Dosage Effects of Therapy Dog Visitation on Loneliness, Stress, Anxiety, and Biological Responses among the Aging. UHealth School of Nursing, Dr. Mara Baun's Joe and Lee Jamail Distinguished Nursing Professorship Endowment, **Branson, S.** (PI), \$12,000, 2010-2013.

Effects of animal assisted activity on biobehavioral stress responses of hospitalized children: A randomized control trial, Dr. Mara Baun's Joe and Lee Jamail Distinguished Nursing Professorship Endowment, **Branson, S.** (PI), Boss, L. (Co-I), Baun, M., Kang, D., & Padhye, N., \$14,412, 2015-2016.

Efficacy of animal assisted activity on heart rate variability responses in healthy adults: A pilot study, Dr. Mara Baun's Joe and Lee Jamail Distinguished Nursing Professorship Endowment, **Branson, S.** (PI), Boss, L. (Co-I), Baun, M., Kang, D., & Padhye, N., \$13,538, 2015-2017.

The effect of the COVID-19 pandemic on nurses' attitudes, behaviors, and their perceptions of their work environment. 4/2020-current. Cockerham, C. (PI), **Branson, S. (Co-I)**, Boss, L. & Beiers, M. \$10,000, 4/2020-current.

Assessing Undergraduate Nursing Student SARS-CoV-2 Vaccine Intentions and Perspectives: A National Survey. Fontenot, H., Mattheus, D., Lim, Eujung, E., Zimet, G., Knopf, A., Abuelezam, N., Stamp, K., **Branson, S. (Site PI)**, & Hekel, B., funded by Dr. Fontenot, Frances A. Matsuda Chair and the University of Hawai'i School of Nursing and Dental Hygiene. University of Hawai'i, \$10,000, 11/2020 – current. 9/2020-current.

**Branson, S. (Co-I)**, Hekel, B., Fontenot, H. Lim, Eujung, Michel, A., Mattheus, D., & Zimet, G. Barriers and Facilitators Associated with COVID-19 Vaccination in Texas Nurses. Funded by the University of Hawaii School of Nursing and Dental Hygiene and the Cizik School of Nursing, \$10,000. 1/2021-current

#### PUBLICATIONS (\*denotes database)

##### Peer Reviewed

\*Boss, L., Kang, D.H., & **Branson, S.** (2015). Loneliness and cognitive function in the older adult: A systematic review. *International Psychogeriatrics*, 27(4). 541-553. doi:10.1017/S1041610214002749

\*Boss, L., **Branson, S.**, Cron, S. & Kang, D.H. (2015). Spiritual pain in Meals on Wheels' clients. *Healthcare*, 3(4), 917-932. doi: 10.3390/healthcare3040917

\***Branson, S.**, Boss, L. & Fowler, D.L. (2016). Team-based learning: Application in undergraduate baccalaureate nursing education. *Journal of Nursing Education and Practice*, 6(4), 59-64. doi: 10.5430/jnep.v6n4p59

- \***Branson, S.**, Boss, L., Cron, S., & Kang, D. (2016). Examining differences between homebound older adult pet owners and non-pet owners in depression, systemic inflammation, and executive function. *Anthrozoös*, 29(32), 323-334. doi: 10.1080/08927936.2016.1152764
- \*Boss, L., **Branson, S.**, & Kang, D.H. (2016). Biobehavioral examination of religious coping, psychosocial factors, and executive function in homebound older adults. *Religions*, 7 (5), 1-13. doi: 10.3390/rel7050042.
- \***Branson, S.**, Boss, L., Cron, S., Turner, D., & Kang, D. (2017). Depression, loneliness, and pet attachment in homebound older adult cat and dog owners. *Journal of Mind and Medical Sciences*, 4 (1), 38-48. doi:10.22543/7674.41.P3848
- \***Branson, S.**, Boss, L., Padhye, N., Troetscher, T., & Ward, A. (2017). Effects of animal-assisted intervention on biobehavioral stress responses in hospitalized children: A randomized controlled study. *Journal of Pediatric Nursing*, 36, 84-91. <https://doi.org/10.1016/j.pedn.2017.05.006>
- \* **Branson, S.**, Boss, L., Padhye, N., Gee, N., & Troetscher, T. (2019). Biopsychosocial factors and cognitive function in cat ownership and attachment in community-dwelling older adults. *Anthrozoös*, 32 (2), 267-282. <https://doi.org/10.1080/08927936.2019.1569908>
- \* Boss, L., **Branson, S.**, Hagan, H., & Krause-Parello, C. (2019). A Systematic Review of Equine-Assisted Interventions in Military Veterans Diagnosed with PTSD. *Journal of Veterans Studies*, 5(1), pp. 23–33. DOI: <http://doi.org/10.21061/jvs.v5i1.134>
- \* **Branson, S.**, Boss, L., Hamlin, S., & Padhye, N. S. (2020). Animal-Assisted Activity in Critically Ill Older Adults: A Randomized Pilot and Feasibility Trial. *Biological Research for Nursing*. <https://doi.org/10.1177/1099800420920719>
- \***Branson, S.** & Cron, S. (2021). Pet Caretaking and Risk of Mild Cognitive Impairment and Dementia in Older US Adults, *Anthrozoös*, Vol (ahead of print), 1-15. DOI: 10.1080/08927936.2021.1986259
- \* Michel, A., Ryan, N., Mattheus, D., Knopf, A., Abuelezam, N. N., Stamp, K., **Branson, S.**, Hekel, B., & Fontenot, H. B. (2021). Undergraduate nursing students' perceptions on nursing education during the 2020 COVID-19 pandemic: A national sample. *Nursing Outlook*, 69(5), 903-912, doi:<https://doi.org/10.1016/j.outlook.2021.05.004>
- \*Fontenot, H., Mattheus, D., Lim, E., Micehl, A., Ryan, N., Knopf, A., Abuelezam, N., Stamp, K., Hekel, B., **Branson, S.**, & Zimet, G. (2021). Undergraduate nursing students' COVID-19 vaccine intentions: A national survey. *PLoS ONE* 16(12), 1-15. e0261669. <https://doi.org/10.1371/journal.pone.0261666>
- \*Cockerham, M., Beier, M.E., **Branson, S.**, and Boss, L. (in press). Nurse Adaptability and PTSD Symptoms During the COVID19 Pandemic: The Effects of Family and Perceived Organizational Support. *Frontiers Psychology*
- \* **Branson, S.**, Hekel, B., Lim, E., Michel, A., Mattheus, D., Zimet, G., Fontenot, H. B. (Winter 2021). COVID-19 vaccination rates, intention to vaccination, and predictors of vaccination among Texas nurses. *Texas Public Health Journal*, 73 (4), pp. 24-29.

\*Hekel, B., **Branson, S.**, Lim, E., Michel, A. & Fontenot, H. (Winter 2021). Factors associated with Texas nurses' consideration to leave the nursing workforce: Impact of the COVID-19 pandemic. *Texas Public Health Journal*, 73 (4), 30-34.

### Books & Chapters

Boss, L., **Branson, S.**, & Pickins, S. (2017). Ethical Issues in geriatric research. In A. G. Catic (Ed.), *Ethical considerations and challenges in geriatrics*, (pp. 157-167). New York: Springer Publishing. ISBN 978-3-319-44083-5.

### Media and Other Creative Products

Becker, A. (2015, July). Giving paws. *TMC Pulse*, 2(6), 14-21.

Do therapy dogs reduce stress in older ICU patients? (2015, July 20). *Reflections on Nursing Leadership*, 41(3). Retrieved from

[http://www.reflectionsonnursingleadership.org/Pages/Vol41\\_3\\_RNews\\_TherapyDogs.aspx](http://www.reflectionsonnursingleadership.org/Pages/Vol41_3_RNews_TherapyDogs.aspx)

Baxter, J. (2015, Aug 25). New research to study therapy dog visits for elderly ICU patients. *PRweb*.

Retrieved from <http://www.prweb.com/releases/2015/08/prweb12921023.htm>

Intensive care unit going to the dogs to help elderly patients (2015, Aug 27). *EmaxHealth*. Retrieved from <http://www.emaxhealth.com/1020/intensive-care-unit-going-dogs-help-elderly-patients>

New research to study therapy dog visits for elderly ICU patients (2015, Sept). *LinkedIn*. Human Animal Bond Research Initiative (HABRI) Foundation. Retrieved from

<https://www.linkedin.com/company/3067240?trk=tyah&trkInfo=clickedVertical%3Acompany%2CclickedEntityId%3A3067240%2Cid%3A3-1-3%2CtarId%3A1454514867705%2Ctas%3Ahuman%20animal%20bond>

Veliz, E. (2015, Nov 5). UTHealth medical student measured the impact of furry companions. *Inside UTHealth*.

Pike, D. (Executive Producer), *Fifty+ radio show*. Pets and Older Adults. October 23, 2016. Houston, Texas: KPRC Channel 950AM and KTRH 740AM. Podcast retrieved from

<http://kprcradio.iheart.com/media/podcast-fifty-plus-podcast-fiftyplus/>

Ellis, Emma Grey (2020, April). Thanks to sheltering in place, animal shelters are empty. *WIRED*.

Retrieved from <https://www.wired.com/story/coronavirus-pet-adoption-boom/>

### PRESENTATIONS

#### International

**Branson, S.**, Baun, M., Padhye, N., Kang, D.H., Bergstrom, N., & Barker, S. Poster presentation (July 2014). Dosage effects of therapy dog visitation on biobehavioral responses among the aging, International Society of Anthrozoology (ISAZ) 2014: Animals and Humans together - Partners in Society, Vienna, Austria.

- Fowler, D. (presenter), Boss, L., & **Branson, S.** (July 2015). Team-based learning: Application in undergraduate baccalaureate nursing education. Poster session presented at Sigma Theta Tau International's 26th International Nursing Research Congress, San Juan, Puerto Rico.
- Branson, S.**, Boss, L., Cron, S., Turner, D. (presenter) & Kang, D. (July 2016). Depression, loneliness and pet attachment in homebound elderly cat vs. dog owners. Poster session presented at IAHAIO international Conference: HAI in the mainstream, Paris, France.
- Branson, S.**, Boss, L., Padhye, N., Troetscher, T., & Ward, A. (June 2017). Effects of animal-assisted intervention on biobehavioral stress responses in hospitalized children: A randomized controlled study. Podium presentation at the International Society of Anthrozoology Conference 2017: Human-Animal Interconnections, UC Davis, California, USA.
- Branson, S.**, Boss, L., Padhye, N., Gee, N., & Troetscher, T. (July 2018). Biobehavioral profiles of attachment to cats in community dwelling older adults. Podium presentation to be presented at the International Society of Anthrozoology (ISAZ) 2018: Animals in Our Lives: Multidisciplinary Approaches to the Study of Human-Animal Interaction, Sydney, Australia.
- Branson, S.**, Boss, L., Hamlin, S., & Padhye, N. (July 2019). Feasibility Pilot of Animal-Assisted Activity in Critically Ill Older Adults: A Small Randomized Controlled Trial. Poster presentation at the 28<sup>th</sup> Annual International Society of Anthrozoology Conference: Animals in the Public Eye: Human Interactions and Perceptions of Animals, Orlando, FL.

### National

- Boss, L. (presenter), Kang, D.H., & **Branson, S.** (2014, November). Loneliness and cognitive function in the older adult: A systematic review. Poster session presented at the annual conference of the Gerontological Society of America, Washington DC.
- Branson, S.**, Baun, M., Padhye, N., Kang, D.H., Bergstrom, N., & Barker, S. (2015, June). The relationship of pet ownership and pet attachment on psychosocial, biological, and executive function in the disadvantaged homebound elderly. Poster session presented at the International Society of Anthrozoology (ISAZ). Saratoga Springs, NY.
- Branson, S.**, Boss, L. & Fowler, D. (presenter) (2016, March). Effectiveness of team-based learning on academic performance and student-reported outcomes in undergraduate nursing education. Oral presentation at the 15th Annual Team-Based Learning Collaborative (TBLC) Conference, Albuquerque, New Mexico.
- Boss, L., **Branson, S.**, Cron, S., & Kang, D.H. (2016, November). Meaning in life and executive function in the homebound elderly. Podium presentation presented at the annual conference of the Gerontological Society of America, New Orleans, LA.
- Boss, L., **Branson, S.**, Cron, S., & Kang, D.H. (2016, November). Psychosocial factors and executive function in the homebound elderly. Podium presentation presented at the annual conference of the Gerontological Society of America, New Orleans, LA.
- Wang, J. (presenter), **Branson, S.** & Boss, L. (2017, October). Attitudes Toward Aging in Place Using Wearable and Remote Monitoring Technology among Underserved Homebound Seniors. Poster presentation at the Connected Health Conference, Boston, MA.

**Branson, S.,** Boss, L., Hamlin, S., & Padhye, N.S. (2018, November). Animal-Assisted Activities improving stress in critically ill older adults: A pilot and feasibility study. Poster presentation at the Gerontological Association of America Annual Scientific Meeting: In the Purpose of Longer Lives, Symposium abstract, *Impacts and Issues of Pet Ownership for Community Dwelling Older Adults*.

**Branson, S.,** Boss, L., & Cron, S. (2018, November). Depression and biological stress in homebound older adults: Moderation by pet ownership. Podium presentation at the Gerontological Association of America Annual Scientific Meeting: In the Purpose of Longer Lives, Symposium abstract, *Impacts and Issues of Pet Ownership for Community Dwelling Older Adults*.

Christy, L., Beauchamp, J. E. Wood, G. L., **Branson, S.,** & McEwen, M. (accepted; 2020, May). Clinical Utility of Early Warning Scores: A Systematic Review. Poster presentation at the American Nursing Informatics Association 2020 Annual Conference.

### Regional/State

**Branson, S.,** Baun, M., Padhye, N., Kang, D.H., Bergstrom, N., & Barker, S. (2014, February). Dosage effects of therapy dog visitation on biobehavioral responses among the aging. Poster session presented at the 28<sup>th</sup> Annual Conference of the Southern Nursing Research Society, San Antonio, Texas

### Local

**Branson, S.,** Cockerham, M., & Howe, R. (2010) Magnesium Sulfate Management in the Emergency Room. Oral presentation at the Houston Methodist Hospital System Board Meeting, Houston, Texas

**Branson, S.** (2011) Human-animal interaction. Oral Presentation (*Invited*) at the UTHealth Houston School of Nursing Student Governance Organization, Houston, Texas.

**Branson, S.,** Baun, M., Padhye, N., Kang, D.H., Bergstrom, N., & Barker, S. Poster presentation (April 2014). Dosage effects of therapy dog visitation on biobehavioral responses among the aging. Poster session presented at the UTHealth Houston School of Nursing Research and Quality Research Symposium, Houston, Texas

Boss, L. (presenter), Kang, D.H., & **Branson, S.** (2015, March). Loneliness and cognitive function in the older adult: A systematic review. Poster session presented at the UTHealth Houston School of Nursing Research and Quality Research Symposium, Houston, Texas

Boss, L., **Branson, S.,** & Fowler, D. (2015, June). Team-based learning: Application in undergraduate baccalaureate nursing education. Poster session presented at the UTHealth Advances in Teaching & Learning Day, Houston, Texas

**Branson, S.,** Boss, L., & Fowler, D. (2015, Oct). Effectiveness of team-based learning on academic performance and student-reported outcomes in undergraduate nursing education. Podium presentation at the UTHealth Houston School of Nursing Center for Nursing Research Series, Houston, Texas

**Branson, S.,** Boss, L., Cron, S., & Kang, D. (2016, April). The relationship of pet ownership and pet attachment on psychosocial, biological, and executive function in the homebound elderly. Podium presentation (invited) at St. Luke's The Woodlands Hospital TNA District 9 Meeting



- Branson, S.,** Boss, L., Cron, S., Turner, D. & Kang, D. (2016, April). Comparing depressive symptoms, loneliness, and pet attachment in homebound older adult cat and dog owners. Podium presentation at the UTHealth Houston School of Nursing Research and Quality Research Symposium, Houston, Texas
- Branson, S.** Boss, L., Cron, S. (2018, April). Depression and biological stress in homebound older adults: Moderation by pet ownership. Poster presentation at the 2018 Research/Evidence-Based Practice Day at Cizik School of Nursing.
- Branson, S.,** Boss, L., Hamlin, S. & Padhye, N. (2018, April). Biobehavioral effects of therapy dog visitation in elderly intensive care unit patients: A pilot and feasibility study. Poster presentation at the 2018 Research/Evidence-Based Practice Day at Cizik School of Nursing.
- Branson, S.** (*Invited*; 2018; October). TeamSTEPPS®. Oral presentation at Sam Houston State University to senior BSN students.
- Branson, S.** (*Invited*; 2019, April). Who Let the Dogs Out? Why Canine-Assisted Interventions are Becoming More Prevalent in Diverse Populations and Health Promotion. Oral presentation at the Sigma Theta Tau Zeta Pi Chapter Meeting.
- Branson, S.** (*Invited*; 2019, May). TeamSTEPPS® - Enhancing Performance and Patient Safety Through Intraprofessional Communication. Seminar presentation at Houston Methodist Woodlands Hospital for Registered Nurses, Physical Therapists, and Administrators.
- Branson, S.,** (*Invited*; 2019, June). Research Pathways in Human-Animal Interactions. Oral presentation to students in the Summer Health Professions Education Program (SHPEP).
- Branson, S.,** Punnoose, A., Boss, L., & Krawtz, S. (2019, October). Online RN to BSN students' perception of accountability, preference, and satisfaction toward Team Based Learning: A pilot study. Poster presentation to be presented at Research/Evidence-Based Practice Day 2019, "Transforming Healthcare Through Evidence-Based Practice and Research: Nursing Leading the Way".
- Harmon, K., Norton, S., Kim, A., Lamonica-Way, C., & **Branson, S.** (*Faculty TeamSTEPPS® Trainer Evaluated by the American Hospital Association*; October 30 and December 4, 2020). TeamSTEPPS® - Enhancing Performance and Patient Safety Through Intraprofessional Communication. Masters TeamSTEPPS Training Session Day 1 and Day 2 at Houston Methodist Willowbrook Hospital for Registered Nurses, Respiratory Therapists, Medical Doctors, and Administrators.
- Hekel, B. (Presenter) & **Branson, S.** June 16, 2021. Barriers and Facilitators Associated with COVID-19 Vaccination in Texas Nurses. Sigma Theta Tau International Zeta Pi Chapter Webinar.
- Harmon, K., Norton, S., Kim, A., Lamonica-Way, C., & **Branson, S.** (July 2021). TeamSTEPPS® - Enhancing Performance and Patient Safety Through Intraprofessional Communication. Masters TeamSTEPPS Training Session Day 1 and Day 2 at Houston Methodist Willowbrook Hospital for Registered Nurses, Medical Doctors, CRNA's, and Administrators.

**PROFESSIONAL SERVICE**Editorial Boards/Panels

Sigma Theta Tau International – Zeta Pi Chapter	Grant Reviewer	2014-2018
<i>MedEdPORTAL</i> Publications	Manuscript Reviewer	2016-2017
<i>International Journal of Older People Nursing</i>	Manuscript Reviewer	2016-present
Alzheimer’s Association of America	Grant Reviewer	2017-2019
<i>Aging and Mental Health</i>	Manuscript Reviewer	2017-2020
<i>Journal of Psychiatry, Depression, &amp; Anxiety</i>	Manuscript Reviewer	2017-2020
<i>Anthrozoös: A Multidisciplinary Journal of the Interactions of People &amp; Animals</i>	Manuscript Reviewer	2018 - 2020
<i>Gerontological Society of America (GSA) Annual Scientific Meeting (Austin, TX)</i>	Abstract reviewer	2019
<i>Human Animal Interaction Bulletin</i>	Manuscript Reviewer	2019-2020

Other Professional Service

International Society of Anthrozoology (ISAZ)- Moderator of presentations (2018/2019) and evaluator of student presentations in 2018	Moderator and Evaluator of Student Presentations	2018, 2019
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Professional Memberships

Southern Nursing Research Society	Member	2013-2015
American Nurses Association Member/Texas Nurses Association District 9	Member	2013-present
International Society for Anthrozoology Member	Member	2010-present
Pet Partners International	Member	2011-2019
Intermountain Therapy Animals	Registered Therapy Dog Team Leader	2011-2014
Aging Research Interest Member, Hartford Center of Geriatric Excellence	Member	2014-2015

Sigma Theta Tau International (STTI), Zeta Pi Chapter	Member, Governance Chair (two terms)	1996-present
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### Institutional Service

#### The Methodist Hospital – Texas Medical Center

Code Blue Team (Surgical Intensive Care Unit RN)	1996-1999
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Preceptor (Surgical Intensive Care Unit RN)	1996-1999
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#### Houston Methodist Willowbrook Hospital

Preceptor (Float Pool)	2004-2006
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Bedside Reporting Committee (Member)	2006-2008
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Hospital Activation Team Committee (Member)	2006-2008
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DART Program Pilot (Nurse Manager)	2006-2008
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Patient Safety Network Error Reporting Oversight (Nurse Manager)	2006-2008
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Root Cause Analysis Review (Nurse Manager)	2006-2008
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Nurse Servers & Environmental Products Pilot Units (Nurse Manager)	2006-2008
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Get Rid of Waste – “GROW” Committee (Chair)	2006-2008
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Rapid Response Team Committee (Member)	2006-2008
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SBAR Committee (Member)	2006-2008
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Peer Review Committee (Co-Chair, Chair)	2006-2009
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Fall Prevention Committee (Co-Chair, Chair)	2006-2010
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Present on Admission Committee (Member)	2006-2010
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Medication Safety Committee (Member)	2006-2010
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Policy and Procedure Committee (Member)	2006-2010
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New Product & Equipment Committee (Chair)	2008-2009
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Nursing Wound Care Committee (Chair)	2008-2009
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BLS Instruction (Instructor)	2008-2010
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ACLS Instruction (Co-Instructor)	2008-2010
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Clinical Safety Shared Governance Council (Member)	2008-2010
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Surgical Care Improvement Process Committee (Member)	2008-2010
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MethOD (EMR) Clinical Decision Team (Member)	2008-2010
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Patient Education Committee (Member)	2008-2010
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TeamSTEPS® Hospital Education Team (Member)	2020-current
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TeamSTEPPS® Faculty - First Regional AHA Training Center in Texas - Houston Methodist Willowbrook Hospital		2020-current
Cizik School of Nursing – Formerly UTHealth School of Nursing		
Houston Methodist Hospital Research & Evidence Based Council	SON Faculty Member	2013-2014
Baccalaureate Council	Member	2013-present
RN to BSN Admissions Committee	Member	2016-present
RN to BSN Council	Member	2015-present
Testing Policy Task Force	Co-Chair	2016
Testing Procedure Task Force	Member	2016
Faculty Practice Strategic Planning Committee	Member	2016
TeamSTEPPS® Integration Committee	Chair	2021-current
Faculty Assembly		
Chair of Faculty Assembly	Elected	2020-current
Co-Chair of Faculty Assembly	Elected	201- - 2020
UTH’s Interfaculty Council	Governance Member for CSON	2020- current
Bylaws Committee	Chair	2018
Treasurer of Faculty Assembly	Elected	2015-2016
Parliamentarian of Faculty Assembly	Elected	2016-2017
Faculty Life Council	Chair-elect/Chair (elected)	2016-2018
ROTA Review Task Force	Member	2018
Honors Program	Faculty Mentor	2014-2015; 2018- 2019
Honors Program	Director	2020-current
PhD Council	Member	2018-2019
Presenter, “Interactive Student Engaged Teaching” Faculty workshop with CEUs	Presenter/Organizer of workshop	2014
Presenter, “Teaching and Learning: Team Based Learning” Faculty workshop with CEUs	Presenter/Organizer of workshop	2015
Sigma Theta Tau International – Zeta Pi Governance Committee	Governance Chair (elected two terms)	2015-2018
Simulation Instructor (high fidelity)	TeamSTEPPS® - simulation for Ambassador Program; every semester	2016-2020

Student Nurses Association	Faculty Advisor	2016-2017
UTHealth CSON Research/EBP Day	Moderator	2018
Faculty Advisor	Classified Staff Organization (Nominated)	2020- present
UTHealth Science Center at Houston		
Center for Interprofessional Collaboration	Steering Committee Member	2015-2017
TeamSTEPPS® training for Center for Interprofessional Collaboration	Online Training Facilitator for student workshops	2016-2017
<u>Community Service</u>		
Intermountain Therapy Animals Registered Therapy Dog Team (Houston, TX)	Clarewood House	2011-2014
Meals on Wheels (Montgomery County)	Volunteer	2014-2015
Magnolia ISD Science Fair	Judge	2015, 2016
Hurricane Harvey Relief; Society of Samaritans (Magnolia, TX)	Volunteer	2017
Gerontological Society of America (GSA) Annual Scientific Meeting (Austin, TX)	Recruited and directed therapy dog group at GSA	2019
SIRE – Therapeutic Horsemanship (Hockley, TX)	Sidewalker volunteer	2019-2020
CERT Team Member	Member	2021
American Red Cross Community Preparedness Education Team Leader - DCS	American Red Cross; Harris County Territory; Houston Area	2021 - current

**APPENDIX A**

## LIST OF COURSES TAUGHT

**Role Transition (N4526), RN to BSN, Precepted Clinical, 2CH, Spring 2009 (contract), Spring 2010 (contract)**

N4526 is an online clinical course for RN to BSN students that involves educational and role development opportunities for nurses. The importance of professional goal development for future nursing roles is explored. Different opportunities for advanced practice nursing are investigated. Professional responsibility for lifelong learning through a myriad of professional organizations and activities are explored. I served as a clinical instructor and community liaison for students and healthcare professionals working together at multiple clinical sites. Feedback on student evaluations were consistently positive.

**Management of Patients in High Acuity (N4528B), Pre-licensure Undergraduate, Precepted Clinical, 4CH, Fall 2011 (contract), Spring 2012 (contract)**

N4528B is a clinical course for pre-licensure undergraduate students that provides a clinical practicum of high acuity care experiences guided by a preceptor. The course emphasizes application of theoretical concepts, research findings, advanced technology, and standards of professional nursing used in caring for patients from culturally diverse populations experiencing physiological and psychosocial alterations at various stages of the wellness/illness continuum. Psychosocial, lifespan, and behavioral concepts encountered by patients with high acuity disorders and trauma are discussed. The management/leadership component of this course focuses on perspectives of the professional nursing role for the 21st century as demonstrated through professionalism, leadership, collaborative practice, critical thinking, and application of the nursing process in patient care. I served as a clinical instructor and community liaison for students and healthcare professionals working together at multiple clinical sites. Student feedback has been consistently positive with high scores on the student evaluations and the RN to BSN HESI scores have consistently been above national average.

**Issues in Professional Practice (N3702W), RN to BSN, Online, Didactic, 4CH, Fall 2013 (30%), Summer 2015 (Lead, 100%), Fall 2015 (Lead, 100%), Summer 2016 (Lead, 100%), Fall 2016 (Lead, 100%)**

N3702W is an asynchronous online course for RN to BSN students which explores issues relating to evidenced-based professional nursing practice. Professional standards of care, professional boundaries of practice, accountability, responsibility and cultural sensitivity. Ethical theories and principles are examined in relation to legal and ethical issues. The impact of biomedical ethics on the role of the nurse are analyzed. The Nurse Practice Act, the Code of Ethics for Nurse, and other statutory laws, rules and regulations, legal and ethical responsibilities as well as workplace policies are examined. I revised and developed this online course to align with the course objectives using evidence-based online pedagogical strategies. I developed an innovative curriculum that included "flipping" the class using online Team Based Learning. I was responsible for transferring this course from Blackboard to Canvas (Learning Management Systems) and incorporated online chat, discussions, videos, and quizzes in the course. Student feedback has been consistently positive with high scores on the student evaluations.

**Management & Leadership (N3703W), RN to BSN, Online, Didactic, 4CH, Fall 2013 (40%), Summer 2014 (40%), Summer 2015 (Lead, 100%), Fall 2016 (Lead, 100%)**

N3703W is an asynchronous online course for RN to BSN students which emphasizes the leadership and management roles of the nurse in an inter-professional team practice. This course explores skills needed for fiscal responsibility, quality improvement, advocacy, leadership and management. Multiple career and educational opportunities for nursing are explored. Organizational management and leadership theories are examined as they apply to professional practice. Organizational standards for health care facilities are examined. I revised and developed this online course to align with the course objectives using evidence-based online pedagogical strategies that included “flipping” the class using online Team Based Learning. I was responsible for transferring this course from Blackboard to Canvas (Learning Management Systems) and incorporated online chat, discussions, videos, and quizzes in the course. Student feedback has been consistently positive with high scores on the student evaluations and the RN to BSN HESI scores have consistently been above national average.

**Community Health Project for RNs (N3602W), RN to BSN, *Online*, Precepted Clinical, 2CH**, Spring 2014 (40%), Fall 2014 (Lead, 60%), Fall 2015 (Lead, 60%), Spring 2016 (Lead, 100%)

**Community/Public Health Nursing Clinical (N3602), RN to BSN, Face to Face, Precepted Clinical, 2CH**, Fall 2014 (Lead; 60%), Spring 2015 (Lead, 60%)

N3602 and N3602W are community clinical courses for RN to BSN students with the latter course online. Students and faculty collaborate with professional and community partners to promote health and prevent disease in a population. The focus is on integration of professional nursing and public health principles and methods to apply the nursing process to individuals, groups, and populations. Students collaborate to assess populations at risk, analyze community health problems, plan interventions, and develop an evaluation plan. I served as a clinical instructor for both courses, working with community partners to establish relationships and improve the health of the community. I sought and obtained clinical affiliations with multiple community agencies including YMCA (multiple sites), Fort Bend ISD, and the Friendship Center. Student feedback has been consistently positive with high scores on the student evaluations and the RN to BSN HESI scores have consistently been above national average.

**Community/Public Health Nursing Clinical (N4521B), Pre-licensure Undergraduate, Face to Face, Clinical, 3CH**, Summer 2014, Spring 2016, Summer 2017, Fall 2019, Spring 2020, Fall 2020, Spring 2021, Summer 2021, Fall 2021

N4521B is a face-to-face clinical course for undergraduate students. Students and faculty collaborate with professional community partners to promote health and prevent disease in a population. The focus is on integration of professional nursing and public health principles and methods to apply the nursing process to individuals, groups, and populations. Students collaborate to assess populations at risk, analyze community health problems, plan interventions, and develop an evaluation plan. I serve as a community clinical instructor, working with community partners to establish relationships and improve the health of the community. Student feedback has been consistently positive with high scores on the student evaluations.

Community Clinical Projects include:

- Implemented the Chronic Disease Self-Management Program in multiple community settings (Sheltering Arms Community Centers and at the Veterans Affairs Hospital Hospital)
- Developed interventions to promote physical activity in older adults (Meals on Wheels)
- Assisted individuals with disabilities during therapeutic horseback riding (SIRE)

- Developed and implemented a modified Chronic Disease Self-Management Program among individuals with dementia (The Adult Day Center)
- Developed mindfulness-based interventions for individuals with Downs syndrome (Friends of Down Syndrome)
- Analyzed risk factors for re-hospitalization in patients with diabetes (Houston Methodist Willowbrook Hospital)
- Taught Hands-Only CPR to the community (YMCA)
- Taught healthy living concepts for individuals with chronic conditions to community members (YMCA)
- Taught disaster preparedness to community members (risks/hazards, disaster kits, and first aid) to community members (YMCA)

**Synthesis: Application for change into Practice for RNS (N3704W), RN to BSN, Online, Didactic, 3 CH**, Spring 2014 (40%), Fall 2014 (30%), Spring 2015 (30%), Fall 2015 (Lead, 100%), Spring 2016 (Lead, 100%), Summer 2016 (Lead, 100%), Fall 2016 (Lead, 100%), Spring 2017 (Lead, 100%)

**Synthesis: Application for change into Practice for RNS (N3704W), RN to BSN, Online, Didactic, 4 CH**, Summer 2017 (Lead, 100%), Fall 2017 (Lead, 100%), Spring 2018 (Lead, 100%), Summer 2018 (Lead; 80%), Fall 2018 (Lead, 80%), Spring 2019 (Lead, 75%), Summer 2019 (Lead, 75%), Fall 2019 (Lead, 100%); Spring 2020 (Lead, 100%), Summer 2020 (Lead, 100%); Fall 2020 (Lead, 100%); Spring 2021 (Lead, 100%), Summer 2021(Lead, 100%), Fall 2021 (Lead, 100%)

N3704W is an asynchronous online course which focuses on the role of a change agent. Change theories are utilized for developing a change project that initiates a change in process, policy, or procedure in the practice setting. This course draws from past experience and knowledge acquired in previous program courses. Informatics is used to support and form the foundation for the change project. Collaboration and teamwork are foundational to the change project. The course objectives were updated and revised in Summer 2017 and the course was changed from a 3-credit hour course to a 4-credit hour course. To comply with federal and policy compliance and SACS accreditation, I created a working spreadsheet that calculates direct faculty (online) instruction and other hours of distance education to calculate course equivalency for credit hours. This course historically had low student evaluation scores indicating a need to change the curriculum. As such, I developed and implemented an innovative curriculum for students' quality improvement projects based on the Institute for Healthcare Improvement's 4 Phases of Improvement: Innovation, Pilot, Implementation, and Spread. Students learn about the phases of improvement and develop a plan for a change in a healthcare setting while working with a nurse leader at the facility. Students work collaboratively using chat, text, and Google collaborations, and accountability is evaluated with an evidence-based peer-review grading system. Student projects have included a wide variety of EBP initiatives. Student feedback has been consistently positive with high scores on the student evaluations and the RN to BSN HESI scores have consistently been above national average. I currently work with seven students who have graduated from the RN to BSN program where I have my faculty practice at Houston Methodist Willowbrook Hospital.

**Professional Practice & Leadership (N4527), Pre-licensure undergraduate, Face to Face, Didactic, 3CH**, Spring 2013 (30%), Spring 2014 (30%), Summer 2014 (30%), Spring 2014 (30%), Fall 2014 (30%), Spring 2015 (30%), Summer 2015 (25%)

N4527 is a face-to-face course for pre-licensure undergraduate students which explores selected leadership and management theories and concepts used in health care delivery. Selected issues relevant to nursing practice and education are presented as they relate to the student's adjustment to the professional nursing role. Professional nursing issues include scope of practice based on statutory laws and regulations, legal and ethical responsibilities,



substance abuse/mental health, career development, and workplace issues. This course historically had low course evaluations from students and low scores on a national exam. Our faculty team “flipped” this classroom using Team Based Learning (TBL). We conducted a research study to determine the efficacy of TBL on academic performance, critical thinking, leadership and management skills, overall course ratings, accountability to learning and preference for lecture or TB, and learner satisfaction. Results concluded that TBL learners scored higher on the standardized exam and reported significantly higher critical thinking, leadership and management skills, and better overall course experience. TBL learners reported moderate to high levels of accountability, higher preference for TBL than lecture, and satisfaction with TBL. The published manuscript can be found here:

<http://www.sciedupress.com/journal/index.php/jnep/article/view/7998>

**Independent Study (N4499), Pre-licensure Undergraduate Honor Student, 1 CH**, Summer 2014, Fall 2014, Summer 2019, Fall 2019

N4499 is an independent study for pre-licensure undergraduate students that provides the student in-depth study of conducting research. My first student worked with me to develop and implement a delirium research proposal at Houston Methodist Hospital TMC in partnership with Dr. Shannan Hamlin, Director of EBP at Houston Methodist Research Institute. My second student helped with the data analysis, manuscript, and poster presentation for an academic project that evaluated the effects of online Team-Based Learning on perceptions, attitudes, and competencies.

**Candidacy Exam (N7590), PhD Program, Spring 2019**

Candidacy exam is a course in which PhD students demonstrate competency towards theoretical and methodological issues related to the candidate’s research program. I served on a PhD student’s candidacy committee as an expert in critical care with experience using clinical decision support systems. The systematic review was titled, “The utility of clinical decision support systems that identify changes in patient conditions: A systematic review”. Candidate has submitted the abstract for review to several journal editors.

**Organizational Development: Creating Cultures of Excellence (N6702), Masters of Science Program, Face to Face, Didactic, 2 CH (20%), Spring 2017**

N6702 is the second course in the Nursing Leadership and Administration graduate program. The purpose of the course is to prepare nurses to utilize organizational development principles and techniques to evaluate and improve complex health systems. Standards and criteria from national quality recognition programs will be used to support the design of structures for system improvement and creating of high performing organizations. I was invited to co-teach this course and received positive student evaluations.

**Nursing Leadership & Admin Practice I (N6702B), Masters of Science Program, Online, Clinical, 1 CH (20%), Spring 2017**

This course is the practice component of N6702. The purpose of this course is application of organizational development principles and techniques to evaluate and improve complex health systems (60 supervised practice hours). I was invited to co-teach this course and received positive student evaluations.

Honors Students

Cizik School of Nursing at UTHealth, Honor's student mentor, "Risk Factors for Delirium in the Acute Care Older Adult" Summer-Fall 2014

Cizik School of Nursing at UTHealth, Honor's student; "Team-Based Learning: Application in Online RN to BSN Nursing Education" - Poster presentation at Research/Evidence-Based Practice Day 2019, "Transforming Healthcare Through Evidence-Based Practice and Research: Nursing Leading the Way". Summer 2019-Fall 2019