



TEXAS A&M UNIVERSITY
College of Nursing

2019 RESEARCH ANNUAL REPORT

Texas A&M University College of Nursing



FOREWORD

At Texas A&M College of Nursing, research is a primary foundation of our mission. We are developing innovations to enhance the education and preparation of nurses, and improving the delivery of patient care for diverse populations and translating research evidence into practice.¹

Research in nursing helps shape scientifically and clinically viable outcomes in addressing inequitable access to health care. With specialized research centers and strategic partnerships in place, our nurses have specialty areas including: forensic nursing, Hispanic populations, childhood obesity, public health nursing, and chronic diseases.¹

By integrating our research into teaching practice, scholarship is a fundamental component of the academic curriculum. As part of the Texas A&M University Health Science Center (Texas A&M Health), we continually strive to establish interprofessional and interdisciplinary collaborations in research to enhance the lives of people across the state, nation and around the world. We are dedicated to establishing strategic partnerships with a variety of public and private entities to support nursing research that addresses increasingly dynamic health care needs.²

This report highlights our faculty's scholarly activities, including current research and sponsored projects, presentations and publications.¹

References

1 Texas A&M College of Nursing website

2 Texas A&M College of Nursing Calendar Year 2018 Report



MESSAGE FROM ASSOCIATE DEAN FOR RESEARCH

As Associate Dean for Research at Texas A&M College of Nursing, I am pleased to highlight the growth and expansion of the College of Nursing's research and scholarly activities during calendar year (CY2019). This past year was a transformational one for the college on many levels including significant expansion of research and scholarship efforts. Among these accomplishments include establishment of the college's research committee which includes representation from faculty and students at the graduate and undergraduate levels. The committee's mission is to serve as advisory to the Dean, making policy and program recommendations and providing a channel for faculty to share research issues and concerns.

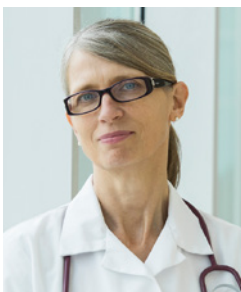
The college's Office for Research continues to expand its offerings to respond to the growing needs of the faculty and students. Major activities include identification of funding opportunities, linkages to key collaborators, support for large complex proposal submissions, post-award support, and providing research and scholarship learning opportunities through the hosting of monthly lunch and learns as well as the initiation of a journal club. The Office for Research expanded its support staff to include the addition of a postdoctoral fellow, Marvellous Akinlotan, PhD. Akinlotan received her doctorate in Health Services Research from Texas A&M School of Public Health in August 2019 and joined the College of Nursing to support the research enterprise.



Marvellous Akinlotan, PhD

Research expenditures increased significantly over the past few years with more than \$5 million in new funding in CY2019. During CY2019, the college received extramural funding support from a range of sponsors including the Department of Justice Office for Victims of Crime (OVC), Health Resources and Services Administration (HRSA), the National Network of Libraries of Medicine (NNLM), HRSA Bureau of Health Workforce, Texas Office of the Attorney General (OAG), Cancer Prevention & Research Institute of Texas (CPRIT) and the National Rural Health Association (NRHA). In addition, the college has received funding through a number of Texas A&M University intramural funding initiatives including the President's Triads for Transformation Program (T3s) and the Presidential Transformational Teaching Grant Program.

In August 2019, the Texas A&M Health Center of Excellence in Forensic Nursing was formally approved by the Texas A&M System Board of Regents. The center focuses on improving health outcomes of those affected by violence and disaster. The center is a recognized national leader in forensic nursing, developing and implementing interdisciplinary, trauma-informed strategies to prevent and address violence across the lifespan.



**Nancy Downing, PhD, RN,
SANE-A, SANE-P, FAAN**

At Texas A&M College of Nursing, we continually strive to highlight and recognize outstanding accomplishments in research and scholarship. There are too many accolades and awards received by faculty to list in this report; however, a few highlights from the past year include Nancy Downing, PhD, RN, SANE-A, SANE-P, FAAN, being selected as a 2019 American Academy of Nursing Fellow—the highest honor in nursing. In recognition of scientific rigor and contribution, Stacy Drake, PhD, MPH, RN, AFN-BC, D-ABMDI, associate professor, and co-author Downing were awarded the Research Article of the Year by the Journal of Forensic Nursing, 2019.

In addition to external awards, the research committee approved establishment of two internal awards—the Dean's Best Paper Award and Faculty Research Excellence Award, both launched in Spring 2020.

Regards,

Jane Bolin, PhD, JD, RN

Texas A&M College of Nursing, Associate Dean for Research and Professor



GRANTS AND CONTRACTS

Analysis of Alternative Light in the Detection and Visibility of Cutaneous Bruises. Funding source (2016-2019), National Institute of Justice. PI: **Sheridan, D.J.** and Co-I: **Downing, N.R.** Amount: \$202,591.

Advanced Nurse Education—Sexual Assault Nurse Examiner Program (SANE): TX-SANEs for the Rural and Underserved (Tex SANEs R Us). Funding Source (2018-2021), Health Resources and Services Administration. PD: **Mitchell, S.A.** and Co-Ds: **Downing, N.R.** and **Charles, L.A.** Amount: \$1,477,997.

Can Emergency Contraception Prevent PTSD Following Sexual Assault? Funding source (2018-2020), Triads for Transformation (T3), Division of Research, Texas A&M University. PI: **Downing, N.R.**, Co-PI: MacNamara, A., Co-I: Meagher, M. Amount: \$33,400.

Center for Optimizing Rural Health (CORH). Funding Source (2018-2023), Health Resources and Services Administration. PDs: Dickey, N., Watzak, B., and **Bolin, J.N.** Amount: \$4,000,000.

Community Health Worker Training Program. Funding Source (2018-2019), Department of Education, Region I Education Service Center. PD: **Montalvo-Liendo, N.** Amount: \$55,000.

Continuation/Expansion of the Texas Evidence Collection Protocol, SANE Coordinator's Forums, Sexual Assault Kit Update, and SANE Certification Consultation. Funding source (2018-2019), The Texas Office of the Attorney General. PI: **Mitchell, S.A.** and Co-PI: **Charles, L.A.** Amount: \$125,000.

Continuation/Expansion of Texas A&M's Breast and Cervical Cancer Prevention Program for Underserved Women through a family medicine residency. Funding Source (2017-2020), Texas Cancer Prevention Research Institute of Texas. PIs: Lichorad, A. & **Bolin, J.N.** and Co-Is: **Weston, C.**, Pekarek, K. & Pope, R. Amount: \$1,350,000.

Continuation/Expansion of an Established Colorectal Cancer Screening Program. Funding Source (2017-2020) Texas Cancer Prevention Research Institute of Texas. PIs: McKnight, J. & **Bolin, J.N.** and Co-Is: Williamson, B. & Lichorad, A. Amount: \$1,499,202.

Elder Death Investigation Supplement. Funding Source (2019-2021), Texas A&M College of Nursing. PI: **Drake, S.A.** Amount: \$100,000.

Evaluation of NCI Cancer Support Center's Development of Rural Cancer Control Research and Partnerships to Increase Our Nation's Cancer Research and Prevention Capacity. Funding Source (2018-2019), National Cancer Institute, National Rural Health Association (NCI/NRHA). PI: **Bolin, J.N.** Co-Is: **Fahrenwald, N.** & Clark, H. Amount: \$203,466.

Exploring the Effects of Long-Term Support Groups for Women Survivors of Abuse. Faculty Development Award Funding Source (2019), College of Nursing, Texas A&M University. PI: **Montalvo-Liendo, N.** Co-Is: **Matthews, D.W.**, Page, R.L., Chilton, J., & Nava, A. Amount: \$5,000 .

Genetic Testing: Views from Pregnant Hispanic Women. Funding Source (2018-2020), Texas A&M University Triads for Transformation (T3) Round 1. CoPIs: Chen, L., **Page, R.L.**, & **Montalvo-Liendo, N.** Amount: \$33,500.

Heal2 Program: Promoting Excellence in Education for a Healthy South Texas. Funding Source (2019), Department of Education through Region I Education Service Center. PD: **Matthews, D.W.** Amount: \$30,000.

Impact of Immigration Enforcement on Border Health in Texas—A triangulated perspective. Funding Source (2016-2020), Texas A&M University Triads for Transformation (T3) Round 1. CoPIs: Esplin, B., **Bolin, J.N.**, & Marouf, F. Amounts: \$33,500.

Interdisciplinary Collaborative Design-Based Learning in Visualization, Nursing, and Special Education. Funding Source (2019-2020), Texas A&M University Presidential Transformational Teaching Grant. PIs: Seo, J., **Wells-Beede, E.**, & Gilson, C. Amount: \$60,000.

Longitudinal Investigation of the Cerebellum in Adulthood: Anatomical and Network Changes, Motor Function, and Cognition. Funding Source (2019-2024), National Institutes of Health (R01). PIs: Bernard, J., Alexander-Packard, G., **Dormire, S.L.**, Engelen, M. & Sang, H. Amount: \$3,049,115.

National Collaboratory to Address Elder Mistreatment. Funding Source (2019-2020), Gordan and Betty Moore Foundation (Prime), Subaward from University of Texas Health Science Center School of Public Health. PIs: Dyer, C & **Drake, S.A.** Amount: \$31,051.

Nurse Faculty Loan Program (NFLP). Funding Source (2019-2021), Health Resources and Services Administration. PD: **Matthews, D.W.** Amount: \$115,397.

Prenatal Genetic Testing: Effect of Health Literacy in Hispanic Women. Funding Source (2018-2021), Global Institute for Hispanic Health (GIHH). PI: **Page, R.L.** and Co-Is: Chen, L., Loftin, R., & Murphey, C. Amount: \$50,000.

Protective Factors Against Stress and Preterm Birth in Pregnant African Americans. Funding source (2018-2020), Texas A&M University (PESCA). PI: **Page, R.L.** and Co-Is: **McKee, S.J.**, Taylor, B., Trzeciakowski, J. & Neal, G. Amount: \$25,000.

ReDiReCT: Integrating NLM Resources into Disaster Preparedness and Response Cross-Disciplinary Training. Funding Source (2019-2021), National Network of Libraries of Medicine. PIs: **Mufich, M.** & Green, S. Amount: \$30,000.

Revision and Implementation of the Texas Sexual Assault Nurse Examiner course. Funding source (2017-2019), The Texas Office of the Attorney General. PI: **Mitchell, S.A.** and Co-PI: **Charles, L.A.** Amount: \$500,000.

Rural Health Moonshot, Executive Team; Advisor in Project 2: Tackling Distance: Post Closure Access and Innovative Community Care. Funding Source (2019-2022) Blue Cross Blue Shield of Texas. Co-PIs: Dickey, N. and Alaniz, A. and Co-Is: **Weston, C.**, Ory, M., Turnbull, K. and Cote', G. Amount: \$10,000,000.

Rural versus Urban Prevalence of Intimate Partner Violence (IPV). Funding Source (2018-2019), Health Resources and Services Administration Federal Office of Rural Health Policy through the Southwest Rural Health Research Center. PIs: Perez Patron, M., **Downing, N.R.**, and **Montalvo-Liendo, N.** Funding Amount: \$100,453.

SA-QUELA Study: Biomarkers of Stress and Pain Sensitivity Following Sexual Assault: A Feasibility Pilot Study. Funding source (2016-2019), Texas A&M University College of Nursing. PI: **Downing, N.R.** Amount: \$50,000.

Sexual Assault Evidence Collection. Funding Source (2019-2021), Texas Office of the Attorney General. PI: **Mitchell, S.A.** and Co-I: **Charles, L.A.** Amount: \$250,000.

Sexual Assault Nurse Examiner Training. Funding Source (2019-2021), Texas Office of the Attorney General. PI: **Mitchell, S.A.** and Co-Is: **Charles, L.A.** & **Ehlert, P.** Amount: \$500,000.

Southwest Rural Health Research Center. Funding Source (2016-2020). Health Research and Services Administration. PDs: Ferdinand, A. & **Bolin, J.N.** Amount: \$2,800,000.

Teens ThinkSmart: A Novel Approach to Preventing Opioid Misuse among Adolescents in Rural Texas. Funding Source (2019-2022), USDA, National Institute of Food and Agriculture. PI: Purcell, N and Co-Is: Alonzo, J., **Bolin, J.N.**, Han, G., and Ory, M. Amount: \$324,841.

Telehealth Center for Sexual Assault Forensic Medical Examination (Center). Funding Source (2019-2021), Texas Office of the Attorney General. PI: **Mitchell, S.A.** and Co-PIs: **Charles, L.A.**, **Downing, N.R.** & Clark, H. Amount: \$1,000,000.

Texas A&M University Integration of Telehealth in Regions Underserved for Student Training (TAMU iTRUST). Funding Source (2019-2022), Health Resources and Services Administration (HRSA), Federal Office of Rural Health Policy. PIs: McCord, C., **Weston, C.** & Williams, M. Co-Is: Garney, W., Alonzo, J., & Williamson, B. Amount: \$1,351,369.

Texas Gulf Bend Region Rural Communities Opioid Response Planning Program for Prevention of Childhood Neglect, Trauma & Abuse. Funding Source (2019-2020), Health Resources and Services Administration (HRSA). PIs: **Bolin, J.N.**, **Downing, N.R.**, **Weston, C.**, Ferdinand, A. and Co-Is: **Gary, J.C.**, **Pittman, A.**, **Pullium, C.L.**, Ontai, S., Beard, R., & McCord, C. Amount: \$200,000.

Texas Teleforensic Remote Assistance Center (Tex-TRAC). Improving Care, Access and Quality of Sexual Assault Forensic Exams using Telehealth. Funding Source (2019-2023), U.S. Department of Justice, Office for Victims of Crimes (DOJ/OVC). PIs: **Downing, N.R. & Mitchell, S.A.** and Co-Is: Clark, H., Cote', G., McCord, R., & Beard, R. Amount: \$4,000,000.

The Lived Experience of Being a Pregnant Black Woman in Texas. Funding Source (2019-2021), Texas A&M University Triads for Transformation (T3) Round 2. PIs: **Dormire, S.L., Gary, J.C.,** & Harvey, C. Amount: \$33,587.

Training Community Health Workers (CHWs) for Rural Opioid Prevention and Treatment (2019-2024), Federal Office of Rural Health Policy, National Rural Health Association (NRHA). PIs: **Bolin, J.N.** and **Weston, C.** and Co-Is: **Pullium, C.L.,** Clark, H., & Martinez, D. Amount: \$400,000.

Trends in Pre-term Birth Rate by Rural Status in the United States. Funding Source (2019-2020), Health Resources and Services Administration Federal Office of Rural Health Policy through the Southwest Rural Health Research Center. PIs: Perez Patron, M. & **Page, R.L.** Funding Amount: \$106,931.

Utilization of Unfolding Case Studies in the Classroom Setting. Funding source (2018-2019), Office of Information Technology Texas A&M University for Innovation in Academic Teaching. **Wells-Beede, E.,** PI. Amount: \$10,000.

A Library a Day Keeps the Doctor Away: Development and Evaluation of the Health Promoting Library. Funding Source (2020-2021), Texas A&M T3: Triads for Transformation. Co-investigators: Halling, T., Goodwin, S., & **Sorenson, M.** Amount: \$30,000.

Interdisciplinary Collaborative Design-Based Learning in Visualization, Nursing, and Special Education. Funding Source: Texas A&M University Presidential Transformational Teaching Grant (PTTC). Seo, J. & **Wells-Beede, E.** (2020-2021). Amount: \$60,000.



JOURNAL ARTICLES

Anderson, J., Britt, R.R., Britt, B.C., Harming, S., **Fahrenwald, N.** (2019). Native Americans' memorable conversations about living kidney donation and transplant. *Qualitative Research*. Advance online publication. doi. org/10.1177/1049732319882672.

Callaghan, T., Ferdinand, A.O., ***Akinlotan, M.A.**, Towne, S.D., & **Bolin, J.N.** (2019). The changing landscape of diabetes mortality in the United States across region and rurality, 1999-2016, *Journal of Rural Health*, Vol 36, 410-415. doi.org/10.1111/jrh.12354.

Carlozzi, N.E., Boileau, N.R., Paulsen, J.S., Perlmutter, J.S., Lai, J.S., Hahn, E.A. & **Downing, N.R.** (2019). End-of-life measures in Huntington Disease: HDQLIFE meaning and purpose, concern with death and dying, and end of life planning. *Journal of Neurology*, doi:10.1007/s00415-019-09417-7.

Dormire, S.L., Gary, J.C., Weston, C., & Holland, B. (2019). Message heard: Insights for doctoral program design from community partners. *SAGE Open Nursing*, 5, 2377960819837482.

***Drake, S.A.**, Holcomb, J.B., Yang, Y., Thetford, C., Myers, L., Brock, M., Wolf, D.A., Persse, D., Naik-Mathuria, B.J., Wade, C.E., Harting, M.T. (2019). Establishing a regional pediatric trauma preventable/potentially preventable death rate. *Pediatric Surgery International*. doi: 10.1007/s00383-019-04597-9.

***Drake, S.A.**, Yang, Y., Wolf, D.A., Reynolds, T., Harper, S., Hudson, A., Meininger, J.C. (2019). Individual and community factors associated with premature natural and drug-related deaths in 25-59 year-old individuals. *PLOS ONE* PONE-D-18-22436.

Ferdinand, A.O., ***Akinlotan, M.A.**, Callaghan, T., Towne Jr, S.D. and **Bolin, J.N.** (2019). Diabetes-related hospital mortality in the U.S.: A pooled cross-sectional study of the National Inpatient Sample. Accepted January 2019. *Journal of Diabetes Complications*, 33(5), 350-355.

Gary, J.C. (2020). TeamSTEPPS Training for nursing students using pop culture media. *Nurse Educator*, 45(1), 5-6. [published ahead of print April 30, 2019] doi: 10.1097/NNE.0000000000000663.

Gary, J.C., Gosselin, K., **Mulcahy, A.**, & **Matthews, D.W.** (2019). Meeting Texas nursing workforce needs through recruitment and retention initiatives. *Nursing Education Perspectives*, 41(6), 355-57. doi: 10.1097/01.NEP.0000000000000452.

Gary, J.C., Dormire, S.L., Norman, J., & Harvey, I.S. (2020). The lived experience of pregnancy as a black woman in America: A descriptive phenomenological case study. *Online Journal of Interprofessional Health Promotion*, 2, Article 3. Available at: <https://repository.ulm.edu/ojihp/vol2/iss1/3>.

Lee J., Callaghan T., Ory, M., Zhao, H., Foster, M., & **Bolin J.N.** (2019). Effect of study design and survey instrument to identify the association between depressive symptoms and physical activity in Type 2 Diabetes, 2000-2018: A Systematic Review. *Diabetes Educ.* 2019 Dec 24:145721719893359. doi: 10.1177/0145721719893359.

Lee, J., Callaghan, T., Ory, M., Zhao, H., & **Bolin, J. N.** (2019). The impact of Medicaid expansion on diabetes management. *Diabetes Care*, doi: 10.2337/dc19-1173.

Matthews, D.W., Benton, K., Moreland, S., & Wagner, T. (2019). Addressing nursing practice breakdown: An alternative approach to remediation. *Journal of Nursing Regulation*, 10(1), 1-7.

Mulcahy, A., Holland, B., Gosselin, K., & **Pittman, A.** (2019). The use of tai-chi to reduce anxiety among nursing students undergoing simulation. *Nursing Education Perspectives*. doi: 10.1097/01.NEP.0000000000000495.

Page, R.L., Pepper, C. & VanBuren, V. (2019). Challenges and opportunities on health sciences regional campuses: A multi-discipline, multi-campus survey. *Nursing Education Perspectives*, 40, e3-e8. doi: 10.1097/01.NEP.0000000000000475.

*Primm, K., ***Akinlotan, M.A.**, Callaghan, T., Towne, S., Ferdinand, A., & **Bolin J.N.** (2019). Congestive heart failure-related hospital deaths across the urban-rural continuum in the United States. *Preventive Medicine Reports*, 101007.

*Santa Maria, D., Breedan, K., **Drake, S.A.**, Narendorf, S.C., Barman-Adhikari, A., Petering, R., Ha, H., Shelton, J., Ferguson, K., & Bender, K. (2019). Gaps in sexual assault health care among homeless young adults. *American Journal of Preventive Medicine*. doi:10.1016/j.amepre.2019.09.023.

Yaemsiri, S., Alfier, J., Moy, E., Rossen, L., Bastian, B., **Bolin, J.N.**, Ferdinand, A., Callaghan, T., & Heron, M. (2019). Healthy People 2020: Urban and rural progress toward national targets for major causes of death. *Health Affairs*, 38(12). doi.org/10.1377/hlthaff.2019.00915.

**Denotes student co-authorship*



PODIUM PRESENTATIONS

Adams, M., **Downing, N.R.**, & Bogue, R.J. (2019, February). Barriers to law enforcement reporting following sexual assault. Southern Nursing Research Society Annual Conference, Orlando, FL.

***Akinlotan, M.A.**, *Primm, K., Towne Jr, S.D., Ferdinand, A.O., Callaghan, T.H., & **Bolin, J.N.** (2019, May). Demographic and clinical predictors of late-stage breast cancer. National Rural Health Association (NRHA) Annual Rural Health Conference, Atlanta, GA.

Authement, R. (2019, July). Roadmap to online teaching success. Session presentation at the National Educator's Conference in the Rockies, Vail, CO.

Barnes, G., **Mufich, M.**, & Danforth, D. (2019, December). Integrating disaster preparedness and response training into the BSN curriculum: Not a matter of if, but when. 2019 STTI 45th Biennial Convention, Washington, DC.

Bolin, J.N. (2019, February). National Rural Health Association (NRHA) Annual Policy Conference: Challenges of chronic disease management in rural areas. Moderator: Ted Koppel, Washington, DC.

Bolin, J.N., ***Akinlotan, M.A.**, *Primm, K., Ferdinand, A., & Callaghan, T. (2019, November). Rural, regional and racial disparities in rates of lower extremity amputations associated with diabetes: A national study. American Public Health Association Annual Meeting & Expo, Philadelphia, PA.

Bolin, J.N. & **Weston, C.** (2019, November). Cancer screening, training, education and prevention program (Texas C-STEP) outcomes. Houston Methodist Cancer Center Retreat, Houston, TX.

Callaghan, T., Ferdinand, A., *Macareno, B., ***Akinlotan, M.A.**, *Primm, K., & **Bolin, J.N.** (2019, November). Examination of Healthy People 2020: Comparisons across the urban-rural continuum in meeting national mortality objectives. American Public Health Association Annual Meeting & Expo, Philadelphia, PA.

Charles, L.A. (2019, July). Human trafficking education works! Nurse Educator Conference in the Rockies, Vail, CO.

Drake, S.A. (2019, April). Forensic nursing research within death investigation setting. International Association of Forensic Nurses, webinar.

Drake, S.A. (2019, February). Medicolegal death investigation of elderly deaths. University of Minnesota, MN.

Drake, S.A., Holcomb, J.B., Yang, Y., Thetford, C., Myers, L., Brock, M., Wolf, D.A., Persse, D., Naik-Mathuria, B.J., Wade, C.E., & Harting, M.T. (2019, April). Preventable/potentially preventable pediatric trauma deaths: Should there be a different interventional focus from adults? SAVIR, Cincinnati, OH.

Drake, S.A. & Wolf, D.W. (2019, April). Forensic aspects of blunt head trauma. Presented at Trauma Grand Rounds Harris Health Hospital District – Ben Taub General Hospital, Houston, TX.

Dormire, S.L. (2019, July). Brain bioenergetics, cognitive activity, and menopausal vasomotor symptoms. 30th International Nursing Research Congress, Sigma Theta Tau International, Calgary, Canada.

Downing, N.R., Matush, P., & Baker, B. (2019, April). Sexual assault & mental illness: Developing a strong medical & legal response. Conference on Crimes Against Women, Dallas, TX.

Downing, N.R. (2019, April). Debunking myths about genital injuries in sexual assault cases. Every Victim, Every Time, Bryan, TX.

McKee, S.J. (2019). Reducing nursing student stress and anxiety: An evidence-based implementation of mindfulness. Nurse Educator's Conference in the Rockies, Vail, Colorado.

Mitchell, S.A., & **Charles, L.A.** (2019, October). The neurobiological aftermath of trauma. Emergency Nurses Association, Austin, TX.

Mitchell, S.A., **Charles, L.A.**, **Garcia, E.**, & **Downing, N.R.** (2019, September). And the Oscar goes to ... Simulation as a means for improving SANE education. International Conference on Forensic Nursing Science and Practice. International Association of Forensic Nurses, New Orleans, LA.

Montalvo-Liendo, N., Matthews, D.W., Gilroy, H., Nava, A., & *Gangiella, C. (2019, October). Perspectives of men of Mexican origin who abuse women: A pilot study. The Academy Violence and Abuse (AVA), 2019 Global Health Summit, St. Paul, MN.

Mulcahy, A. & Gruben, D. (2019, July). From fundamentals to foundations: The beginnings of nursing practice. Nurse Educator Conference in the Rockies, Vail, CO.

Nava, A., McFarlane, J., Gilroy, H., Maddoux, J., & **Montalvo-Liendo, N.** (2019, March). Acculturation and mental health in abused immigrant women who obtained legal status in the U.S. Cuernavaca, Morelos, Mexico.

Page, R.L., Burdette, A., *Carpenter, P., Mendoza, M., & Trzeciakowski, J. (2019, February). Religiosity/Spirituality as a biobehavioral protective factor during pregnancy for Mexican-origin women. Southern Nursing Research Society 2019 Annual Conference, Orlando, Florida.

Page, R.L., Murphey, C., *Aras, Y., Loftin, R., & Chen, L.S. (2019, July). Prenatal genetic testing: Effect of health literacy in Hispanic women. 30th International Nursing Research Congress, Sigma Theta Tau International, Alberta, Calgary, Canada.

Page, R.L. (2019, February). Protective effects against stress and preterm Birth: Findings from the Prenatal Clinic pilot study. Current Topics in Translational Research Spring Seminar, Center for Translational Research in Aging & Longevity, Texas A&M University, College Station, Texas, February 2019.

Pittman, A. (2019 September). Youth sexual orientation and gender Identity: What every provider needs to know. Workshop at Texas Children's Hospital Professionals Day, Houston, TX.

*Primm, K., Callaghan, T., **Bolin, J.N.,** Ferdinand, A., & ***Akinlotan, M.** (2019, November). Urban-rural variation in cancer mortality in the United States, 1999 – 2017. American Public Health Association Annual Meeting & Expo, Philadelphia, PA.

Pullium, C.L., Geist, G., Newport, C., Armstrong, B., Judah, L., & Romagnoli, M. (2019, October). Roadmap to health equity patient experience discovery survey results. Roadmap to Health Equity Annual Convening, Atlanta, GA.

Saunders, J., Dongahar, D., Salemi, J., **Drake S.A.,** Wolf, D., Chmaitelli, G., Osazuma, N., Banu, S., Matin, A., Schulte, Perse, D. & Shah, A. (2019, June). Examining suicide rates in Harris County following Hurricane Harvey. The 2019 Center of Excellence in Health Equity, Training and Research (COE) Summer Research Summit, Baylor College of Medicine, Houston, TX.

Scafide, K.N., **Sheridan, D.J., Downing, N.R.,** & Hayat, M. (2019, February). An analysis of alternate light in the detection of cutaneous bruises: A multisite randomized trial. American Academy of Forensic Science, Baltimore, MD.

Scafide, K.N., **Sheridan, D.J., Downing, N.R.,** & Hayat, M.J. (2019, September). Detection and visibility of cutaneous bruises using alternate light: A multi-site, randomized controlled trial. International Conference on Forensic Nursing Science and Practice, International Association of Forensic Nurses, New Orleans, LA.

Sorenson, M. (2019, September). Introduction to research. SCI Nursing 101. Academy of Spinal Cord Injury Professionals (ASCIP) Educational Conference, Nashville, TN.

Martinez-Torteya, C., Figge, C., Gilchrist, M., Huth-Bocks, & **Sorenson, M.** (2019, March). Attachment quality buffers the effect of prenatal stress exposure on infant baseline cortisol levels. Society for Research in Child Development, 2019 Biennial Meeting, Baltimore, MD.

Valentine, J.L., Miles, L., **Downing, N.R.,** & Knox, E. (2019, September). Assessing appropriateness for sexual assault forensic examinations in patients with mental illness: Ethical, legal, and safety considerations. International Conference on Forensic Nursing Science and Practice, International Association of Forensic Nurses, New Orleans, LA.

Wells-Beede, E. & Mulcahy, A. (2019, January). Developmental research projects: Assessment of learners. International Simulation in Healthcare Conference, January 2019, San Antonio, TX.

POSTERS

*Adams, M., **Downing, N.R.**, & Bogue, R.J. (2019, February). Barriers to law enforcement reporting following sexual assault. Southern Nursing Research Society Annual Conference, Orlando, FL.

Akinlotan, M.A., *Primm, K., Ferdinand, A., Callaghan, T., & **Bolin, J.N.** (2019, November). Demographic and clinical predictors of late-stage breast cancer. American Public Health Association Annual Meeting & Expo, Philadelphia, PA.

***Akinlotan, M.A.**, *Primm, K., Towne Jr, S.D., Ferdinand, A.O., Callaghan, T.H., & **Bolin, J.N.** (2019, June). Demographic and clinical predictors of late-stage breast cancer. Academy Health Annual Research Meeting, Washington, DC.

Authement, R. (2019, November). Incorporating best practice principles into the online teaching environment. American Association of Colleges of Nursing (AACN), 2019 Faculty Development Conference, Orlando, FL.

Bolin J.N., Helduser J.W., **Akinlotan, M.A.**, Lichorad, A., McKnight, J., Pope, R., Williamson, B., & Weston, C. (2019, May). Texas C-STEP: Outcomes from A&M's cancer screening and prevention program serving low-income uninsured/underinsured. National Rural Health Association Annual Rural Health Conference, Atlanta, GA.

Bolin, J.N., ***Akinlotan, M.A.**, *Primm, K., Towne Jr, S.D., Ferdinand, A.O., & Callaghan, T.H. (2019, June). Rural, regional and racial disparities in rates of lower extremity amputations associated with diabetes: A national study. Academy Health Annual Research Meeting, Washington, DC.

Bolin, J.N., Helduser, J., ***Akinlotan, M.**, Lichorad, A., McKnight, J., Pope, R., Williamson, B., & **Weston, C.** (2019, May). Texas C-STEP: Outcomes from A&M's cancer screening & prevention program. The National Rural Health Association (NRHA) Conference, Atlanta, GA.

Chen, L., Chen, W., **Page, R.L.**, & **Montalvo-Liendo, N.** (2019, April). Genetic testing: Views from pregnant Hispanic women. President's Excellence Fund Symposium, Texas A&M University, College Station, TX.

*DeMello, A.S., Yang, Y., Schulte, J., Wolf, D.A., Holcomb, J.B., Bless, B., Delmeter, K., Wade, C., & **Drake, S.A.** (2019, October). Suicide risk factors across the lifespan: A descriptive study of medicolegal death records in Harris County, Texas. International Summit on Suicide Research, 2019 Annual Meeting, Miami, FL.

Drake, S.A., Godwin, K., Wolf, D.A., & Gallagher, M. (2019, September). Awareness of potential cognitive bias among forensic nurse examiners illustrated through case studies. 2019 International Conference on Forensic Nursing Science and Practice, New Orleans, LA.

Dormire, S.L., **Gary, J.C.**, & Norman, J. (2019, March). Adversity and stressors perceived by childbearing black women. 32nd Annual Conference of the Southern Nursing Research Society, Orlando, FL.

Ferdinand, A.O., ***Akinlotan, M.A.**, Callaghan, T.H., Towne Jr, S.D., & Bolin, J.N. (2019, June). Emergency department-initiated diabetes-related hospitalizations across the urban-rural continuum in the United States. Academy Health Annual Research Meeting, Washington, DC.

Ferdinand, A., ***Akinlotan, M.A.**, Callaghan, T., Towne, S., & Bolin, J.N. (2019, November). Diabetes-related emergency department visits resulting in hospitalization: An urban-rural analysis. American Public Health Association Annual Meeting & Expo, Philadelphia, PA.

Gary, J.C. (2019, June). Putting it together with pop culture media: Obtaining the holy grail with a big bang. TeamSTEPPS National Conference, San Antonio, TX.

Gary, J.C. (2019, October). Putting it together with pop culture media: Obtaining the holy grail with a big bang. 5th Annual Interprofessional Education and Research (IPER) Symposium, Texas A&M Health Science Center, Bryan, TX.

Gary, J.C., **Downing, N.R.**, **Weston, C.**, **Pittman, A.**, **Pullium, C.L.**, Beard, R., Ontai, S.C., McCord, C., Kohleffel, L., Ferdinand, A.O., *Thompson, E.M., & **Bolin, J.N.** (2019, October). An interprofessional/ interdisciplinary response to the opioid crisis in rural Texas communities. 5th Annual Interprofessional Education and Research (IPER 5) Symposium, Texas A&M Health Science Center, Bryan, TX.

Helduser, J., **Bolin, J.N.**, McKnight, J., Lichorad, A., Pope, R., ***Akinlotan, M.A.**, Williamson, B., & **Weston, C.** (2019, April). Outcomes from a cancer screening, training, education & prevention program (Texas C-STEP) serving low-income uninsured/ underinsured. Prevent Cancer Foundation's Dialogue for Action on Cancer Screening and Prevention, Arlington, VA.

*Interrante, S., **Dormire, S.L.**, Sridhar, V., & Han, G. (2019, February). Vasomotor and personal characteristics associated with changes in brain glucose metabolism in menopause. Sigma Theta Tau International Creating Healthy Work Environments Conference 2019, New Orleans, LA.

*Johnstone, R.V., **Dormire, S.L.**, Schmeichel, B. & Han, G. (2019, February). The efficacy of cognitive stress dose and difficulty on induction of hot flashes. Sigma Theta Tau International Creating Healthy Work Environments Conference 2019, New Orleans, LA.

Kalkwarf, K.J., **Drake, S.A.**, Yang, Y., Thetford, C., Myers, L., Brock, M., Wolf, D.A., Persse, D., Wade, C.E., & Holcomb, J.B. (2019, September). Bleeding to death in a big City: An analysis of all trauma deaths from hemorrhage in a metropolitan area over one year. Annual Meeting of AAST and Clinical Congress of Acute Care Surgery, Dallas, TX.

McKee, S.J. (2019, May). Reducing nursing student stress and anxiety: An evidence-based implementation of mindfulness. Transformational Teaching and Learning Conference, Texas A&M University, College Station, TX.

Mitchell, S.A., Charles, L.A., Downing, N.R., Garcia, E., & Fahrenwald, N. (2019, October). Improving SANE comfort to provide sexual assault care. American Academy of Nursing Transforming Health, Driving Policy Conference, Washington, DC.

Mitchell, S.A., Downing, N.R., Charles, L.A., Knutson, C., Garcia, E., & Fahrenwald, N. (2019, October). Improving comfort to provide quality care following sexual violence in rural Texas. Transforming Health, Driving Policy Conference. American Academy of Nursing. Washington, DC.

Montalvo-Liendo, N., Perez-Padron, M., **Downing, N.R.**, & Taylor, B.D. (2019, October). Prevalence of intimate partner violence among women of reproductive Age. The Academy on Violence and Abuse (AVA), 2019 Global Health Summit, St. Paul, MN.

Montalvo-Liendo, N., Weston, C., Pittman, A., & Matthews, D.W. (2019, April). ONE in Diversity: Obtaining excellence in diversity. The 6th Annual Cultural Inclusion Conference, San Antonio, TX.

Murphey, C. & **Page, R.L.** (2019, November). Genetic health literacy and prenatal genetic testing in latina women: An exploratory study. 2019 World Congress of the International Society of Nurses in Genetics, San Antonio, TX.

Ory, M., Alonzo, J., Lee, S., Waer, A., **Pullium, C.L.**, Ellis, M., William, M., & Byington, C. (2019, October). Interprofessional collaboration: Opioid education and training. Texas A&M University Interprofessional Education and Research Symposium, Bryan, TX.

Page, R.L. (2019, March). Is religiosity protective against preterm birth and shortened telomere length in mexican-origin women? Women's Research on Women Symposium, College of Education & Human Development, Texas A&M University, College Station, TX.

Page, R.L., Montalvo-Liendo, N., Nava, A., & Chilton, J. (2019, October). Latinas' experiences in support groups for IPV survivors. The American Academy of Nursing's 2019 Transforming Health, Driving Policy Conference, Washington, DC.

Page, R.L., Perez-Patron, M., & Han, G. (2019, November). Telomere length and preterm birth in mexican-origin women: An exploratory study. 2019 World Congress of the International Society of Nurses in Genetics, San Antonio, TX.

Pittman, A., Kabani, F., Pack, A., Kesterke, M., Alonzo, J., Kraft, D., Scaramuzzo, P., Abu-Baker, A., Bustamante, J., & Vinal, C. (2019, October). Development of an interprofessional faculty-staff-student team to improve LGBTIQ+ health education in Texas. Texas A&M University Interprofessional Education and Research Symposium, College Station, TX.

Roblyer, A., Chapa, H.L., **White-Corey, S.**, & **McKee, S.J.** (2019). Concurrent, interwoven IPE simulations in a hospital setting. The Association of Standardized Patient Educators Annual Meeting, Orlando, FL.

Payne, S.C., Dumloa, S.V., Holland, D.B., Hernandez-Munoz, J.J. & **Mulcahy, A.** (2019, October). Whoops! Interprofessional near miss reporting in simulations. Interprofessional Educational and Research Symposium (IPER 5), Bryan, TX.

Weston, C. (June 22, 2019). Influenza: What we need to know. The American Association of Nurse Practitioners 2019 National Conference, Indianapolis, IN.

*Yang, Y., **Drake, S.A.**, & Lairson, D.R. (2019, November). Comparison of mortality, readmission rate and total medical cost of femoral neck fractures among optimum beneficiaries with Alzheimer's Disease. American Public Health Association (APHA) Annual Meeting 2019, Philadelphia, PA.

Wells-Beede, E. (2019) Flipped classroom in nursing education as described by the nurse educators' experience. (Doctoral Dissertation Ascension No. 10747476). NLN Education Summit Conference, Washington, DC.

**Denotes student co-authorship*



BOOKS/CHAPTERS

Bogue, R.J. & **Downing, N.R.** (2019). Research on physician burnout and well-being: A solutions-oriented perspective. In T. Hamilton, D. McCallister & D. Thorpe (Eds). Transforming the heart of practice: An organizational and personal approach to physician well-being. New York, NY: Springer Publishing.

Downing, N.R., Valentine, J.L., & Gaffney, D.A. (2019). The neurobiology of traumatic stress responses after sexual assault. In Ledray, LE., Burgess, AW, & Giardino, AP (Eds.), Medical response to adult sexual assault, 2nd Ed. St. Louis: STM Learning.

Ledray, L.E., Valentine, J.L., **Downing, N.R.**, & Frazier, P.A. (2019). Impact and recovery. In Ledray, LE, Burgess, AW, & Giardino, AP (Eds.), Medical response to adult sexual assault, 2nd Ed. St. Louis: STM Learning.

Pullium, C.L. (2019). Advanced Assessment. In Shay, A, Powers, J, O'Malley, P & Doescher, T (Eds.), Adult-gerontology clinical nurse specialist certification examination review. New York, NY: Springer Publishing.

Pullium, C.L. (2019). Bacterial Vaginosis. In Speck, PM, Faugno, D, Mitchell, A, Ekroos, R & Hallman, MG (Eds.), Sexually transmitted infection and disease assessment for health care providers and first responders. Florissant, MO: STM Learning.

Sorenson, M. (2019). Problems of Mental Health. Lippincott Manual of Nursing -Practice (11th ed., pp.1470-1496). Philadelphia: Lippincott, Williams & Wilkins.

Sorenson, M., Quinn, L., & Klein, D. (2019). (Eds.), Pathophysiology: A concept-based approach. Upper Saddle River, NJ: Pearson.

Sorenson, M., Quinn, L., & Klein, D. Introduction to the basics of pathophysiology (2019), In **M. Sorenson, L. Quinn & D. Klein** (Eds.), Pathophysiology: A concept-based approach (pp. 4-21). Upper Saddle River, NJ: Pearson.

Mead, D., Lattner, C., & **Sorenson, M.** Sexually Transmitted Infections (2019), In **M. Sorenson, L. Quinn & D. Klein** (Eds.), Pathophysiology: A concept-based approach (pp. 1206-1219). Upper Saddle River, NJ: Pearson.

Sorenson, M. Disorders of Oxygen Transport (2019), In **M. Sorenson, L. Quinn & D. Klein** (Eds.), Pathophysiology: A concept-based approach (pp. 513-531). Upper Saddle River, NJ: Pearson.

Eggert, J., & **Sorenson, M.** Neoplasia (2019), In **M. Sorenson, L. Quinn & D. Klein** (Eds.), Pathophysiology: A concept-based approach (pp. 294-323). Upper Saddle River, NJ: Pearson.

Sorenson, M., and Laurer, K. Disorders of Hemostasis (2019). In **M. Sorenson, L. Quinn & D. Klein** (Eds.), Pathophysiology: A concept-based approach (pp. 534-551). Upper Saddle River, NJ: Pearson.

Sorenson, M., Janusek, L., & Mathews, H. Stress and Adaptation (2019). In **M. Sorenson, L. Quinn & D. Klein** (Eds.), Pathophysiology: A concept-based approach (pp. 77-97). Upper Saddle River, NJ: Pearson.

Sorenson, M., and Laurer, K. Disorders of Emotional Regulation. (2019). In **M. Sorenson, L. Quinn & D. Klein** (Eds.), Pathophysiology: A concept-based approach (pp. 702-729). Upper Saddle River, NJ: Pearson.

Hacker, E., Gaston, L., Lauer, K., and **Sorenson, M.** (2019). Disorders of White Blood Cells. In **M. Sorenson, L. Quinn & D. Klein** (Eds.), Pathophysiology: A concept-based approach (pp. 400-421). Upper Saddle River, NJ: Pearson.

Weston, C. (in press). Chapter 7: Clinician Overview. Advance Practice Nursing: Exploring Roles and Opportunities, 1st ed. Hart, C & Bell, P. Wolters Kluwer. Accepted 8/10/2019.

Weston, C. (in press). Chapter 9: HSV. Sexually Transmitted Infection Assessment: For Health Care Providers and First Responders. STM Learning Inc. Accepted 7/23/2019.

AWARDS AND RECOGNITION

Rebecca Burns, DNP, RN, clinical assistant professor and RN to BSN program coordinator, was recognized by Texas A&M University and The Association of Former Students in the category of Individual Student Engagement for the 2019 Distinguished Achievement Award.

Associate professors **Stacy Drake**, PhD, MPH, RN, AFN-BC, D-ABMDI, and **Nancy Downing**, PhD, RN, SANE-A, SANE-P, FAAN, were awarded Research Article of the Year, Journal of Forensic Nursing Research. **Drake, S. A., Koetting, C., Thimsen, K., Downing, N.R., Porta, C., Hardy, P., Valentine, J.L., & Finn, C.** (2018). Forensic nursing state of the science: Research and practice gaps and opportunities. Journal of Forensic Nursing, 14(1), 3-10. PMID 29300235; doi: 10.1097/JFN.000000000000181.

Nancy Downing, PhD, RN, SANE-A, SANE-P, FAAN, associate professor, was selected by the American Academy of Nursing as a member of the 2019 class of Academy fellows (FAAN).

Nancy Downing, PhD, RN, SANE-A, SANE-P, FAAN, associate professor, was reappointed to Texas Forensic Science Commission.

Jodie Gary, PhD, RN, assistant professor, was awarded the Leadership Award for Interprofessional Excellence, Texas A&M University Health Science Center Interprofessional Education and Research (IPER 5) Symposium (2019) alongside Jerry Carrino, PhD.

Stacey Mitchell, DNP, MBA, RN, SANE-A, SANE-P, DF-AFN, FAAN, clinical associate professor and director of the Center of Excellence in Forensic Nursing, was selected to sit on the Texas Governor's Sexual Assault Survivors' Task Force (SASTF).

Stacey Mitchell, DNP, MBA, RN, SANE-A, SANE-P, DF-AFN, FAAN, clinical associate professor and director of the Center of Excellence in Forensic Nursing, was selected by the Good Samaritan Foundation as a bronze medalist for an Excellence in Nursing Award.

Nora Montalvo-Liendo, PhD, RN, was awarded Good Samaritan Foundation-Excellence in Nursing Awards Bronze Medal (2019).

Martin Mufich, MSN, RN, CHSE, clinical assistant professor, was recognized by the Veteran Resource and Support Center at Texas A&M University for his mentorship, inspiration and overall positive impact on student veterans.

Alison Pittman, PhD, RN, CPN, CNE, CHSE, clinical assistant professor received the teaching award of excellence as a member of an interprofessional team. **Baker, A., Alonzo, J., Bustamante, J., Kabani, F., Kesterke, M., Kraft, D., Pack, A., Pittman, A., Scaramuzzo, P., & Vinal, C.** (2019). Texas A&M University Health Science Center Interprofessional Education and Research (IPER 5) Symposium, Teaching Award Interprofessional Excellence (Team).

Cynthia Weston, DNP, RN, CCRN, CNS-CC, FNP-BC, associate dean for clinical and outreach affairs and assistant professor was selected to participate in the AACN ELAN. **Weston, C.** (2019-2020). ELAN Fellow, American Association of Colleges of Nursing; Elevating Leaders in Academic Nursing.





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