

2020 RESEARCH ANNUAL REPORT

Texas A&M University College of Nursing







FOREWORD

At Texas A&M University 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, integration of primary care with mental health care, cancer prevention and screening, public health nursing, and chronic diseases.²

By integrating our research into teaching practice, scholarship is a fundamental component of the academic curriculum. As part of the Texas A&M Health Science Center, 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.¹

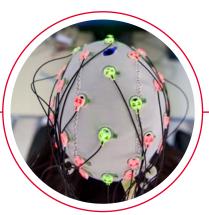
This report highlights our faculty's scholarly activities, including current research and sponsored projects, presentations and publications.¹

References

- ¹ Texas A&M College of Nursing Calendar Year 2019 Report
- ² Texas A&M College of Nursing website







MESSAGE FROM ASSOCIATE DEAN FOR RESEARCH

It is my honor as Associate Dean for Research at Texas A&M University College of Nursing to highlight the growth and expansion of the Texas A&M College of Nursing's research and scholarly activities during calendar year 2020. This past year was an extremely challenging and momentous year for the college, and the nursing profession as a whole. The World Health Organization recognized 2020 as the International Year of the Nurse and Midwife, an honor coinciding with the 200th anniversary of the birth of Florence Nightingale and, ultimately, a year unlike any other. January 2020 began as most other years with the pursuit of key strategic goals and objectives; however, by March 2020, the World Health Organization declared the COVID-19 epidemic a world-wide pandemic, fundamentally transforming every aspect of life. It was during these dark months that health professionals across the world were called upon at levels not seen in more than 100 years since the pandemic of 1918. During 2020, the College of Nursing rose to the challenge with strength, fortitude, creativity and tireless efforts to ensure the safety of students, faculty and staff, continuity of operations including early graduation of nursing students to meet the workforce shortage, and relentless pursuit of research initiatives designed the respond to the needs of the most underserved. The triumphs of the year are the result of the tireless commitment to service as evidenced by The Texas A&M University System and Texas A&M College of Nursing faculty, staff and students.

This report is designed to highlight the many scholarship accomplishments of the College of Nursing which is remarkable given the widespread impacts of the pandemic extended to every area of operations, including research and scholarship. Research operations, scholarship, engagement with participants, clinical sites and communities were reimagined in a pandemic and socially-distanced environment. Faculty and staff not only met these challenges, but they also accelerated the pace of research and scholarship.



HRSA Deputy Director visits College of Nursing to announce NAS program award launch.

L to R: Chancellor John Sharp, The Texas A&M University System; Co-PDs, Dr. Jodie Gary and Dr. Nancy Downing; and Thomas J. Engels, Health Resources and Services Administration (HRSA) Deputy Director During 2020, the College of Nursing research enterprise expanded exponentially. The college received many new competitive awards and research expenditures, totaling more than \$2 million, a milestone considered as an important benchmark by university and system research leadership. More than 40 proposals were submitted requesting more than \$25 million in new funding. Faculty increased research scholarship with 40 articles, more than 60 presentations and 26 posters. Despite travel restrictions and curtailing of in-person activities, the dissemination efforts through virtual conferences and professional meetings increased significantly. The college also received a number of prestigious honors during the year that establish the college as an emerging leader in research focused on the care of the rural and underserved. Among these include a visit by Thomas J.

Engels, United States Health Resources and Services Administration (HRSA) Deputy Director, to the college in September 2020 to announce the launch of the HRSA Rural Communities Opioid Response Program (RCORP) Neonatal Abstinence Syndrome (NAS) award.

At Texas A&M University 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; however, this report provides a broad overview of the significant research and scholarship accomplishments of the College of Nursing.

Regards,

Jane Bolin, PhD, JD, RN

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

SPONSORED PROJECTS

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. & Charles, L.A. Amount: \$1,527,997.

Advancing the Access to Cancer Training, Information, Outreach and Navigation (ACTION II) Project for Community Health Worker (CHW) Dissemination of Resources to At-Risk Texas Regions. Funding Source (2020-2022), Cancer Prevention and Research Institute of Texas (CPRIT). PD: **Bolin, J.N.** and Co-Ds: Callaghan, T. & Clark, H. Amount: \$300,000.

Aggie Nurses C.A.R.E.: Cancer Addressed through Rural Engagement. Funding Source (2020-2021), Houston Methodist Research Institute. PD: Weston, C. and Co-PDs: Hare, M., Page, R.L. & White-Corey, S. Amount; \$50,000.

Breast Cancer Screening, Training, & Education Program Serving Underserved Central Texas Women. Funding Source (2020-2021), Pink Alliance. PD: Weston, C. Amount: \$10,000.

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., & **Bolin**, J.N. Amount: \$4,000,000.

Continuation/Expansion of Texas A&M's Breast and Cervical Cancer Prevention Program for Underserved Women through a Family Medicine Residency. Funding Source (2017-2021), Texas Cancer Prevention Research Institute of Texas (CPRIT). Pls: Lichorad, A. & **Bolin, J.N.** and Co-ls: **Weston, C.**, Pekarek, K. & Pope, R. Amount: \$1,350,000.

Continuation/Expansion of an Established Colorectal Cancer Screening Program. Funding Source (2017-2022), Texas Cancer Prevention Research Institute of Texas (CPRIT). Pls: 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.

Expansion of Cancer Prevention Services to Rural and Medically Underserved Populations. Funding Source (2020-2023), Cancer Prevention Research Institute of Texas (CPRIT). Pls: Lichorad, A., Weston, C.G. & Co-ls: **Bolin, J.**, **Hare, M.**, **Page, R.**, & **O'Briant, D.** Amount: \$1,656,478.

Exploring the Potential of Rehabilitating Healthcare Providers Prosecuted for Fraud & Abuse. Funding Source (2020-2021), Texas A&M University Triads for Transformation (T3) Program. Pls. **Bolin, J.N.**, **Fahrenwald, N.** & Opperman, L., **Akinlotan, M.**, & Ferdinand, A. Amount: \$30,000.

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

Golden Crescent Recovery Oriented Community Collaborative (GC-ROCC). Funding Source (2020-2023), Health Resources and Services Administration (HRSA), Rural Communities Opioid Response Program-Implementation (RCORP-I). PDs: **Bolin, J.N., Downing, N.**, & **Gary, J.C.** and Co-PDs: **Weston, C.**, Ontai, S., **Pittman, A.**, Alonzo, J., **Drake, S.**, & McCord, C. Amount: \$1,000,000.

Golden Crescent Children's Advocates for Recovery Equity (GC-CARE). Funding Source (2020-2023), Health Resources and Services Administration (HRSA), Rural Communities Opioid Response Program-Neonatal Abstinence (RCORP-NAS). PDs: **Downing, N., Gary, J.C.**, and **Bolin, J.N.** and Co-PDs: **Dormire, S.**, Ontai, S., **Page, R.L.**, **Pittman, A.**, & McCord, C. Amount: \$500,000.

Improving Maternal Healthcare Equity and Reducing Racial Disparities in Maternal Health Outcomes. Funding Source (2020-2022), Texas A&M University President's Excellence Fund-Presidential Clinical Research Partnership Grant (PCRP). Co-Pls: Morris, T., Mathur, V., Ma, P., Wells-Beede, E., and Chapa, H. Amount: \$200,000.

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. Co-Pls: Esplin, B., **Bolin, J.N.**, & Marouf, F. Amount: \$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. Pls: Seo, J., **Wells-Beede, E.**, & Gilson, C. Amount: \$60,000.

Intergenerational Social and Epigenetic Transmission of Post-Trauma Stress in Holocaust Survivors. Funding Source (2020-2021), Texas A&M University Triads for Transformation (T3) Program, Round 3. Pls: Seipp, A., Page, R.L., & Zheng, Q. Amounts: \$30,000.

Longitudinal Investigation of the Cerebellum in Adulthood: Anatomical and Network Changes, Motor Function, and Cognition. Funding Source (2019-2024), National Institutes of Health (R01). Pls: 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. Pls: 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.

Nurse-led Collaborative Integrated Behavioral Health Rural Network (N-CIBHR). Funding Source: (2020-2023), Health Resources and Services Administration (HRSA). Pl: **Weston, C.** and Co-ls: **Hare, M., Page, R.L.**, & **Wells-Beede, E.** Amount: \$1,500,000.

Prenatal Genetic Testing: Effect of Health Literacy in Hispanic Women. Funding Source (2018-2022), 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 (2018-2022), Texas A&M University PESCA Program. Pl: **Page, R.L.** and Co-ls: **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. Pls: **Mufich, M.** & Green, S. Amount: \$30,000.

Rural v. Urban Differences in Violent Death Trends in America. Funding Source (2019-2020). Southwest Rural Health Research Center. Pl: **Drake, S.** Amount: \$12,877.

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

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

Southwest Rural Health Research Center. Funding Source (2016-2021), Health Research and Services Administration Federal Office of Rural Health Policy. 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 (2019-2020), 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. Pl: **Mitchell, S.A.** and Co-Pls: **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. Pls: 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). Pls: **Bolin, J.N., Downing, N.R., Weston, C.,** Ferdinand, A. and Co-ls: **Gary, J.C., Pittman, A., Pullium, C.,** 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 (2019-2022), U.S. Department of Justice, Office for Victims of Crimes (DOJ/OVC). Pls: **Downing, N.R.** & **Mitchell, S.A.** and Co-ls: Clark, H., Coté, 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) Program Round 2. Pls: **Dormire, S.L.**, **Gary, J.C.**, & Harvey, C. Amount: \$33,587.

The Rural Community Matters Project. Funding Source (2020-2023), Department of Justice, Subaward through Friendship of Women. Pls: **Montalvo-Liendo**, **N.** & **Drake**, **S.A.** Amount: \$150,000.

Training Community Health Workers (CHWs) for Rural Opioid Prevention and Treatment. Funding Source (2019-2024), Federal Office of Rural Health Policy, National Rural Health Association (NRHA). Pls: **Bolin, J.N.** and **Weston, C.** and Co-ls: **Pullium, C.L.**, Clark, H., & Martinez, D. Amount: \$425,000.

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 Texas A&M Southwest Rural Health Research Center. Pls: Perez Patron, M. & Page, R.L. Amount: \$106,931.

"Truthiness" At the Doctor's Office: How Information Asymmetry Affects Outpatient Clinic Performance. Funding Source (2021-2022), Texas A&M University Triads for Transformation (T3) Program, Round 4. Pls: Coté, M., Weston, C. & Stauffer, J. Amount: \$30,000.

Utilization of unfolding case studies in the classroom setting. Funding source (2019-2020), Office of Information Technology Texas A&M University for Innovation in Academic Teaching. **Wells-Beede, E.**, Pl. 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.



JOURNAL ARTICLES

Akinlotan, M.A., & Ferdinand A.O. (2020). Emergency department visits for non-traumatic dental conditions: A systematic literature review. Journal of Public Health Dentistry, 80(4), 313-326.

Authement, R.S. and **Dormire, S.L.** (2020). Introduction to the online Nursing Education Best Practice Guide. Sage Open Nursing 6: 1-6. doi: 10.1177/2377960820937290.

Bolin, J.N., Fahrenwald, N.L., Weston, C.G., Matthews, D. (2020). Exploring the potential of rehabilitating nurses and Nurse Practitioners prosecuted for fraud and abuse [abstract]. In: International Journal of Nursing Studies, Academy Health Interdisciplinary Research Group for Nursing Issues: Annual Meeting Proceedings; Academy Health Annual Conference, Boston, MA; June 28 – July 1, 2020.

Britt, R.K., Britt, B.C., Anderson, J., **Fahrenwald, N.**, & Harming, S. (2020). Sharing hope and healing: A culturally tailored social media campaign to promote living kidney donation and transplantation among Native Americans. Health Promotion Practice. doi: 1524839920974580-152483992097458.

Callaghan, T., Ferdinand, A.O., **Akinlotan**, M.A., Towne, S.D. Jr, **Bolin**, J. (2020). The changing landscape of diabetes mortality in the United States across region and rurality, 1999-2016. Journal of Rural Health, 36(3): 410-415. doi. org/10.1111/jrh.12354.

Chang, R.*, **Drake, S.A.**, Holcomb, J.B., Phillips, G., Wade, C., Charlton-Ouw, K. (2020). Characteristics of trauma mortality in patients with aortic injury in Harris County, Texas. Journal of Clinical Medicine, 9(9), 2965. doi:10.3390/jcm9092965.

Carlozzi, N.E., Boileau, N.R., Paulsen, J.S., **Downing, N.R.**, Ready, R., Perlmutter, J.S., Cella, D., Chou, K.L., McCormack, M.K., Barton, S., & Lai, J.S. (2020). Psychometric properties and responsiveness of Neuro-QoL Cognitive Function in persons with Huntington disease (HD). Quality of Life Research, 29(5), 1393-1403. doi:10.1007/s11136-019-02391-7.

DeMello, A.S.*, Yang, Y., Schulte, J, Wolf, D.A., Holcomb, J.B., Bless, B., DeMeter, K., Wade, C.E. & **Drake, S.A.** (2020). Learning from suicide deaths in Harris County, Texas, Death Studies, doi: 10.1080/07481187.2020.1776790.

Drake, S.A., Godwin, K.M., Wolf, D.A., & Gallagher, M. (2020). Evaluation of fundamental forensic knowledge and perceived ability in emergency nurse practitioner education. Journal of Forensic Nursing 16(1): 22-28. doi: 10.1097/JFN.000000000000277.

Drake, S.A., Holcomb, J.B., Yang, Y., Thetford, C., Myers, L., Brock, M., Wolf, D.A., Cron, S., Persse, D., McCarthy, J., Kao, L., Todd, S. R., Naik-Mathuria, B.J., Cox, C., Kitagawa, R., Sandberg, G., & Wade, C.E. (2020). Establishing a regional trauma preventable/potentially preventable death rate. Annals of surgery, 271(2), 375-382.

Drake, S.A., Pierce, M., Gumpeni, P., Giardino, E., & Wolf, D.A. (2021). Quality assurance through standard operating procedures development and deviation: A medico-legal death investigation systems response to the COVID-19 Pandemic. Journal of Forensic Nursing, 17(1), 61.

Drake, S.A., Tabor, P., Hamilton, H., & Cannon, A. (2020) Nurses and Medicolegal Death Investigation. Journal of Forensic Nursing Volume 16(4), 207-214. doi: 10.1097/JFN.00000000000310.

Downing, N.R., Adams, M.*, & Bogue, R.J. (2020). Factors associated with law enforcement reporting in patients presenting for sexual assault. Journal of Interpersonal Violence. doi.org/10.1177/0886260520948518.

Ferdinand, A.O., **Akinlotan, M.A.**, Callaghan, T.H., Towne, S.D. Jr., & **Bolin, J.N.** (2020). Factors affecting the likelihood of a hospitalization following a diabetes-related emergency department visit: A regional and urban-rural Analysis. Journal of Diabetes, 12(9), 686-696. doi.org/10.1111/1753-0407.13066.

Gary, J.C. (2020). TeamSTEPPS training for nursing students using pop culture media. Nurse Educator, 45, 5-6. https://doi.org/10.1097/NNE.000000000000663.

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)1, Article 3. https://repository.ulm.edu/ojihp/vol2/iss1/3.

Giannouchos, T.*, **Gary**, **J.**, *Anyatonwu, S., & Kum, H.C. (2020). Emergency department utilization by adolescents experiencing homelessness in Massachusetts. Medical Care 59, S187-S194.

Giannouchos, T.*, Kum, H.C., Ohsfeldt, R., Gary, J., & Morrisey, M. (2020). Medicaid expansion resulted in decreased odds of frequent emergency department use among Medicaid beneficiaries and the uninsured in New York. Health Services Research, 55, 77-77. https://doi.org/10.1111/1475-6773.13436.

Giannouchos, T.*, Washburn, D., **Gary, J.C.**, & Foster, M.J. (2020). Frequent emergency department use in the pediatric population: A systematic review. Journal of Evaluation in Clinical Practice, 27(1), 193-203. doi.org/10.1111/jep.13382.

Holland, B., **Mulcahy**, **A.**, Gosselin, K., **Pittman**, **A.** (2020). The use of Tai Chi to reduce anxiety among nursing students undergoing simulation. The Research Journal of the National League of Nursing 41(3): 183-184.

Kalkwarf, K.J.*, **Drake, S.A.**, Yang, Y., et al. (2020). Bleeding to death in a big city: An analysis of all trauma deaths from hemorrhage in a metropolitan area over one year. The Journal of Trauma and Acute Care Surgery, 89(4), 716-722. doi:10.1097/TA.000000000002833.

Lee J., Callaghan, T., Ory, M., Zhao, H., Foster, M., **Bolin, J.N.** (2020). 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. The Diabetes Educator, 46(1), 28-45. doi: 10.1177/0145721719893359.

Lee, J., Callaghan, T., Ory, M., Zhao, H., & **Bolin, J.** (2020). Difference in the risk of depressive symptoms associated with physical activity in persons with diabetes: Across age, gender, and race/ethnicity. Journal of Affective Disorders, 269, 108-116.

Levine, N., **Drake, S.A.**, Reynolds, T.F., Yang, Y., Wolf, D.A., Persse, D., Wade, C., & Holcomb, J.B. (2020). Spatial correlates of gun deaths in Harris County, TX. Homicide Studies doi.org/10.1177/1088767920924448.

Mead, D.R., **Sorenson, M.**, Amer, K., Ribero, S., Bishop-Royce, J., & Yingling, C. (2020). Implementation of LGBT+ Health Education for master's entry nursing students. Journal of Nursing Education and Practice, 10(3). 27-35. doi: 10.5430/jnep.v10n3p27.

Mulcahy, A., Gruben, D., & Wells-Beede, E. (2020). Overcoming resistance: Implementation of 100% simulation for first semester nursing students. Clinical Simulation in Nursing, 50(C), 107-111. doi.org/10.1016/j.ecns.2020.09.003.

Mulcahy, A., Holland, B., Gosselin, K., & Pittman, A. (2020). The use of tai-chi to reduce anxiety among nursing students undergoing simulation. Nursing Education Perspectives 41(3), doi: 10.1097/01.nep.0000000000000495.

Page, R.L., Perez-Patron, M., Han, G., Burdette, A., & Badejo, M.* (2020). Religiosity, acculturation, and preterm birth in Mexican-Origin women: A pilot study. Hispanic Health Care International. doi.org/10.1177/1540415320976643.

Page, R.L., Peltzer, J., Burdette, A., & Hill, T.D. (2020). Religiosity and health: A holistic biopsychosocial perspective. Journal of Holistic Nursing, 38, 89-101. doi:10.1177/0898010118783502.

Page, R.L., Murphey, C., Yahyahan, A.*, Chen, L.S., & Loftin, R. (2020). Pregnant Hispanic women's views and knowledge of prenatal genetic testing. Journal of Genetic Testing, 30(3), 838–848. doi.org/10.1002/jgc4.1383.

Pittman, A.F. (2020). Effect of a school-based activity tracker, companion social website, and text messaging intervention on exercise, fitness, and physical activity self-efficacy of middle school students. The Journal of School Nursing, 36(2) 112-120.

Pullium, C. (2020). Experiential learning in a free clinic to understand social determinants of health. Journal of Nursing Education, 59(9), 539. doi:10.3928/01484834-20200817-13.

Scafide, K.N., Sheridan, D.J., **Downing, N.R.**, & Hayat, M. (2020). Detection of inflicted bruises by alternate light: Results of a randomized controlled trial. Journal of Forensic Sciences, 65(4), 1191-1198.

Tiner, S., Cunningham, G.B., & Pittman, A. (2020). Physical activity is beneficial to anyone, including those with ASD: Antecedents of nurses recommending physical activity for people with autism spectrum disorder. Autism, 23(2), 576-587. doi.org/10.1177/1362361320970082.

Wells-Beede, **E**. (2020). The flipped classroom in nursing: The nurse educators' experience. Teaching and Learning in Nursing, 15(3), 168-174.

Wells-Beede, E., & Utterback, V. (2020). Educating the next generation of educators: The value of assessment. Nurse Educator, 46(3), 191. doi: 10.1097/NNE.0000000000000943.

Weston, C., Matthews, D., Pittman, A. & Montalvo-Liendo, N. (2020). ONE in diversity: Obtaining nursing excellence in diversity and opportunities for improvement. Journal of Cultural Diversity, 27(3), 69-73.

Zhang, N., **Drake, S.A.**, & Ding, K. (2020). What kinds of messages appeal to adolescents and young adults on an Instagram account promoting seat belt use? JMIR Formative Research. doi:10.2196/16800.

Zhang, N., **Drake, S.A.**, & Ding, K. (2020). Message appeals on an Instagram account promoting seat belt use that attract adolescents and young adults: Elaboration-likelihood perspective study. JMIR Formative Research, 4(9), e16800. doi.org/10.2196/16800.

*Denotes mentored students

Denotes conference cancelled amid COVID-19 pandemic

Bold denotes College of Nursing author or co-author



PODIUM PRESENTATIONS

Akinlotan, M., Khodakarami, N.*, Primm, K., **Bolin, J.N.,** & Ferdinand A. (2020, October). Rural-urban differences in travel burdens for medical and dental care: Analysis of the 2017 National Household Travel Survey. American Public Health Association Annual Meeting.^v

Akinlotan, M., Khodakarami, N.*, Primm, K., Callaghan, T., Vadali, M., **Bolin, J.**, & Ferdinand, A. (2020, June). Trends in hospitalization for Human Immunodeficiency Virus (HIV) and Opioid Use Disorders along the urban-rural Continuum. National Rural Health Association Annual Conference.

Bolin J., Weston, C., Downing, N., Ferdinand, A., Ontai, S., **Gary, J., Pittman, A., Pullium, C.,** Beard, R., McCord, C., Thompson, E., **Akinlotan, M., Hutchison, L.,** & Kohleffel, L. (2020, March). Texas Gulf Bend Region Rural Communities Opioid Response Planning (RCORP) Program for prevention of childhood neglect, trauma & abuse. HRSA RCORP 2020: Addressing the Opioid Crisis through Sustainable Community Action Grantee Meeting, Washington, DC.

Bolin, J.N., Gary, J., Weston, C.G., Downing, N.R., Pittman, A., & Pullium, C. (2020, August). A Community voice in response to the opioid crisis impacting children in rural America, In: International Journal of Nursing Studies, Academy Health Interest Research Group for Nursing Issues: Annual Meeting Proceedings; Academy Health Annual Conference, Boston, MA.

Bolin, J. & **Weston, C.** (2020, March). Perspectives of nurse scientists: Challenges to implementing cancer prevention & screening programs in low-income rural settings. Southern Nursing Research Society (SNRS) 34th Annual Conference, New Orleans, LA.

Charles, L. (2020, April). We missed it: A family's human trafficking story. NASPAG 2020 ACRM.^c

Charles, L. & Northrop, S. (2020, April). Staying SANE as a sexual assault nurse examiner: Collaboration for optimum outcomes. North American Society for Pediatric and Adolescent Gynecology (NASPAG) 2020 Annual Clinical and Research Meeting (ACRM).^c

Charles, L. (2020, April). Evidence collection and preservation for forensic nurses. Every Victim, Every Time Conference, Bryan, TX.^c

Chen, L.S., Young, C., Wang, H., Martinez, D., Page, R.L., & Montalvo-Liendo, N. (2020, May). Low-income, rural, Latina pregnant women's views and experiences of carrier screening: A Qualitative Study." American College of Medical Genetics and Genomics Annual Clinical Genetics Meeting, San Antonio, Texas.

Chen, L.S., Zhang, Z., Wang, H.*, Young, C., Martinez, D., Page, R., & Montalvo-Liendo, N. (October 2020). A qualitative study of rural low-income pregnant Hispanic women's perspectives on expanded carrier screening. American Society of Human Genetics 2020 Annual Meeting, San Diego, CA.

Downing, N.R., Perez-Patron, M., Taylor, B.D., & **Montalvo-Liendo, N.** (2020, July). Rural-urban disparities in intimate partner violence-related emergency department visits: Implications for prevention. Nurses Network on Violence Against Women International, Malmo, Sweden.^c

Downing, N.R., Bauer, E., Meagher, M. W., & MacNamara, A. (2020, March). Modulation of threat learning and extinction by emergency contraception. Southern Nursing Research Society Annual Conference, New Orleans, LA.

Downing, N.R., & Bogue, R.J. (2020, September). The role of the forensic nurse in patient reporting decisions following sexual assault. International Association of Forensic Nurses.

Downing, N.R. (2020, October). Sexual assault examinations: What defense attorneys should know. Capital Death Penalty Seminar. Mark Daniel Law. $^{\text{V}}$

Drake, S.A., Barrett, G. (2020, November). Meet the experts: Death Investigation-Pediatrics and Adult. Annual IAFN Conference.

Drake, S.A., Peternelj-Tayler, C., Porta, C.M. (2020, November). Sharing your experiences: The "How-to's" of writing a case study for the IFN. Annual IAFN Conference.

Fahrenwald, N.L., Mitchell, S., Downing, N., Charles, L., Drake, S. (2020, October). Impacting interpersonal violence: Center of excellence in forensic nursing [Conference presentation]. American Public Health Association Annual Conference, San Francisco, CA.^v

Ferdinand, A., Primm, K., Callaghan, T., **Akinlotan, M.**, Khodakarami, N.*, Valdi, M., **Bolin, J.** (2020, June). Opioid Use Disorder and Human Immunodeficiency Virus (HIV)-Related Mortality: Evidence from the CDC WONDER Database. National Rural Health Association Annual Conference.

Gary, J.C. & **Pittman, A.F.** (2020, March). A different kind of badge: Considering body art in dress code policies. Texas A&M University Race, Identity & Social Equality (RISE) Conference, Texas A&M University, College Station, Texas.^c

Gary, J.C., Dormire, S. L., Norman, J. M., & Harvey, I. (2020, July). Insights into unspoken fears of pregnant Black women. 31st International Nursing Research Congress for Sigma Theta Tau International, Abu Dhabi, United Arab Emirates.^v

Green, S. & **Mufich, M.** (2020, August). Ask Me about ReDiReCT: Integrating NLM resources into disaster preparedness and response cross-disciplinary training. 5 minute lightening talk. Medical Library Association Conference. V

Hnatek, J., Hatala, J., Ellis, M., **Gary**, J., & Elmageed, Z. (2020, April). Critical alert: Lessons from the pandemic about (mis)communication for collaborative palliative care and education. Extension for Community Healthcare Outcomes (ECHO) for Texas A&M Health National Interprofessional Healthcare Month Presentation Series. Texas A&M University Health Science Center, Bryan, Texas.

Hoffman, M., Jackson, F., Stewart, K., & Wright, B. (2020, April). Community conversations: Relationship violence & LGBTQ+ community. Texas A&M Health Promotion Domestic Violence Prevention & Awareness Month. College Station, TX.

Hoffman, M. & **Pittman, A.** (2020). Queer Health Panel. Texas A&M LGBTQ+ Pride Center Pride Live Series. College Station, TX.

Laughon, K., **Montalvo-Liendo, N.**, & Trible, R. (2020, Aug-Sept). Compassionate advocacy, safety and wellness approaches to mitigate trauma. 25th San Diego International Summit on Violence, Abuse, and Trauma Across the Lifespan.^v

Mauldin, B. (2020, April). Utilization of eCampus and VoiceThread to unleash the creativity of nursing pharmacology students [Quick fire presentation]. Transformational Teaching and Learning Conference, College Station, TX.^c

McKee, S. J., White-Corey, S., & Chapa, H. (2020, August). Take two: Interprofessional simulation model. NEXUS Summit 2020.^c

McNeil, M., **Pullium, C.**, Program, J., Houseman, C., Purvis, S., Tidwell, J., Vitztum, C., & Lyons, D. (2020, March). Transforming health care through intraprofessional collaboration: Exemplars of success. NACNS 2020 Annual Conference, Atlanta GA.^c

Mitchell, S., Downing, N., Charles, L., & Knutson, C. (2020, January). Strengthening Sexual Assault Nurse Examiner (SANE) education. International Meeting for Simulation Healthcare (IMSH). Society of Simulation Healthcare, San Diego, CA.

Mitchell, S. (2020, June). Sexual Assault Kit evidence management. Criminal justice reform and forensics: The importance of evidence. Houston Forensic Science Center Annual Forensic Science Symposium. Sponsored by Houston Forensic Science Center and University of Pennsylvania Law School Quattrone Center for the Fair Administration of Justice. V

Mitchell, S., & Charles, L. (2020, September). Forensic nursing program succession planning: Looking toward the future. International Conference on Forensic Nursing Science and Practice. International Association of Forensic Nurses. V

Mitchell, S., Charles, L., & Downing, N. (2020, September). Increasing SANE comfort and confidence through mock

Mitchell, S., Charles, L., & Downing, N. (2020, September). Increasing SANE comfort and confidence through mock testimony. International Conference on Forensic Nursing Science and Practice. International Association of Forensic Nurses. V

Moffitt, C. (2020, November). Success in school with type 1 diabetes. Pediatric Endocrine Nurses' Society National Conference, San Antonio, TX, United States.

Montalvo-Liendo, N., Chilton, J., **Page, R.**, & Nava, A. (2020, June 30-July 3). Evaluating Nurse-led long-term support groups for women survivors of Intimate Partner Violence. Nursing Network on Violence Against Women International (NNVAWI).^C

Montalvo-Liendo, N. (2020, August). Domestic violence in a time of crisis. Children at Risk-Texas Family Leadership Council.^v

Montalvo-Liendo, N. (2020, September). The intersection of Intimate Partner Violence, mental health & Covid-19. Roman Catholic Diocese of San Angelo, Deacon Formation Workshop. Family Life Ministry.

Montalvo-Liendo, N., Grogan-Kaylor, A., Alvarado, E., Nava, A., & Pepper, C. (2020, June-July). Living with family violence: Teen's Perspectives. Nursing Network on Violence Against Women International (NNVAWI).^c

Montalvo-Liendo, N. (2020, May). Shelter in place: "Behind Closed Doors". Archdiocese of Oklahoma City. Workshop for Respect Life Coordinators.\(^{\text{V}}\)

Mulcahy, A., Gruben, D., & **Wells-Beede, E.** (2020, March). Growing a simulation program - faculty development. Nurse Educator in the Rockies.^c

Page, **R**. (2020, March). Telomere length, acculturation, and preterm birth among Hispanic women: An exploratory study. Southern Nursing Research Society Annual Conference, New Orleans, LA.^c

Page, R.L., Perez-Patron, M.J., Han, G., **Akinlotan, M.** & Gandhi, H.* (2020, May). Telomere length, acculturation, and preterm birth in Mexican-origin women. American College of Nurse-Midwives Annual Meeting.^v

Page, R.L., Perez-Patron, M.J., Han, G., **Akinlotan, M.** & Gandhi, H.* (2020, May). Stress, acculturation, and preterm birth in Mexican-origin women. American College of Nurse-Midwives Annual Meeting.^v

Page R.L., Perez-Patron, M., Olowolaju, S.*, & Taylor, B. (2020, December). Preterm birth and maternal characteristics by rurality in the United States. 33rd Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research.^v

Perez-Patron, M., Page, R.L., Olowolaju, S.*, Taylor, B. (2020, September). Preterm birth by rural status in the U.S., 2012-2016. Virtual 2020 CityMatCH Leadership and MCH Epidemiology Conference.

Pittman, A.F. & Gary, J. (2020, February). Considering body art in dress code policies in Colleges of Nursing. Data Blitz Symposium, an academic partnership opportunity between Prairie View A&M University and Texas A&M University, Prairie View A&M University.

Pittman, A.F. & **Gary, J.** (2020, September). A different kind of badge: Considering body art in dress code policies. National League for Nursing 2020 Education Summit, Orlando, Florida. V

Pittman, A., Alonzo, J., Kabani, F., Kesterke, M., Pack, A., & Scaramuzzo, S. (2020, April). Development of an interprofessional team to improve LGBTIQ+ health education in Texas. Telehealth presentation for TAMU Project ECHO.

Pullium, C.L. (2020, April). Member clinic survey results. Texas Association of Charitable Clinics 2020 Conference, Austin TX.^c

Pullium, C.L., Geist, G., R, Armstrong, B., Beckner, J., Bianchi, S., Judah, L., & Romagnoli, M. (2019, October). Discovery survey analysis: WHAT committee patient experience Working Group. National Association of Free and Charitable Clinics (NAFC), Americares and Loyola University Collaborative: Roadmap to Health Equity Annual National Convening, Atlanta, GA.

Schooler, A.C. & **Charles, L.** (2020, April). Girls and gangsters demystified. Every Victim, Every Time Conference, Bryan, TX.^c

Speck, P.M., Montgomery, A.P., Ekroos, R.A., **Mitchell, S.A.**, Bakhshi, M., Patrician, P.A., Loan, L.L., Ladores, S., & Milstead, J.A. (2020, February). Keynote Speaker, Human labor trafficking: Vulnerability in immigrant health care/nurse workers. In Senators T. Fedor and S. Kunze and Representative T. Galonski (Sponsors) 11th Annual Human Trafficking Awareness Day, Ohio Statehouse, Columbus, Ohio.

Sorenson, M. (2020, September). Immunosenescence in the time of COVID: Age related immune changes and viral Infection. Aging & Social Change: Tenth Interdisciplinary Conference. V

Valentine, J., Ledray, L., Weeks, J.P., & **Downing, N.R.** (2020, April). Sexual assault kit initiative training & technical assistance webinar: Impacts of COVID-19 discussion series – Sexual assault forensic exams. RTI International.

Wang, H.*, Young, C., Martinez, D. **Page, R.L.**, **Montalvo-Liendo, N.**, & Chen, L. (2020, October). Low-income rural Latina pregnant women's knowledge and attitudes toward Pan-Ethnic Carrier Screening." American Public Health Association 2020 Annual Meeting and Expo. V

Wechter, S.M., Durham, C.F., Owens, A. & Wells-Beede, E. (2020, July). Tips and tricks: Engaging students in virtual clinicals. Sigma.^v

Wells-Beede, E. & Mandell-Buratti, J. (2020). Utilizing innovative teaching platform: Unfolding case studies and VR. NLN Education Summit Conference 2020.

Wells-Beede, E. & Mandel-Buratti, J. (2020). Utilization of unfolding case studies in the classroom setting. 2020 Transformational Teaching & Learning Conference.^c

Wells-Beede, E., Seo, J.H., Kicklighter, C., Garcia, B., Chu, S.W. & Doyel, M. (2020, December). Utilization of mixed reality in healthcare profession's education. Excellence in Virtual IPE Learning Today for a Better Healthcare Tomorrow. Texas IPE Consortium Workshop.

Weston, C., Kauschinger, E. & Smith, T. (2020, January). Simulation best practices for NP faculty: Developing a business plan for standardized patient simulation. National Organization of Nurse Practitioner Faculties- Faculty Institute Webinar Series 2.0. Moderated by Jacqueline Cornelius and Mary Beth Bigley.

White-Corey, S., Chapa, H., & McKee, S.J. (2020). Scrap the silos: A novel approach to interprofessional simulation of emergent conditions. Texas A&M Project ECHO, IPER.^v

Zhang, Z., Wang, H.*, Young, C., Martinez, D., **Page, R.**, **Montalvo-Liendo, N.**, & Chen, L.S. (2020, October). Attitudes toward non-invasive prenatal screening among Hispanic pregnant women in rural Texas. American Society of Human Genetics 2020 Annual Meeting, San Diego, CA.

Weston, C., Gary, J., Downing, N., Pittman, A., Ferdinand, A., & Bolin, J. (2020, March). Calling a community to action: The Opioid Crisis and the impact on children. Southern Nursing Research Society (SNRS) 34th Annual Conference, New Orleans, LA.^c

^cDenotes conference cancelled amid COVID-19 pandemic

^vDenotes virtual presentation

Akinlotan, M., Ferdinand, A., **Bolin, J.**, & Morrisey, M. (2020, July). Dental hygienists' scope of practice regulations and emergency department use for non-traumatic dental conditions: A cross-sectional study of 10 States. AcademyHealth Annual Research Meeting.^V

Akinlotan, M., Primm, K., Khodakarami, N.*, **Bolin, J.N.**, & Ferdinand, A. (2020, July). Rural-urban differences in travel burdens for medical and dental care: Analysis of the 2017 National Household Travel Survey. AcademyHealth Annual Research Meeting, July 2020. V

Bauer, E.A., **Downing, N.**, Meagher, M.W. & MacNamara, A. (2020, December). Effect of levonorgestrel on threat extinction. Annual meeting of the American College of Neuropsychopharmacology.^v

Bolin, J., Ferdinand, A., **Downing, N.**, **Weston, C.**, Beard, R., **Gary, J.**, McCord, C., Ontai, S., **Pittman, A.**, & **Pullium, C.** (2020, March). Texas Gulf Bend Rural Communities Opioid Response Planning Program for Prevention of Childhood Neglect, Trauma and Abuse. Health Resources and Services Administration (HRSA) Reverse Site Visit, Washington, DC

Chang, R., **Drake, S.A.**, Holcomb, J.B., Phillips, G., Wade, C.E., & Charlton-Ouw, K.M. (2020, January). Characteristics of trauma mortality in patients with aortic injury. The Southern Association of Vascular Surgery annual meeting, 2020, Palm Beach, FL.

Charles, L., Mitchell, S.A., Knutson, C. & Downing, N.D. (2020, September). Creating sexual assault simulation scenarios for forensic examiner learner success. International Conference on Forensic Nursing Science and Practice.^v

Chen, L.S., Young, C., Wang, H., Martinez, D., Page, R., & Montalvo-Liendo, N. (2020, March). Low-income, rural, Latina pregnant women's views and experiences of carrier screening: A qualitative study. 2020 American College of Medical Genetics and Genomics (ACMG) Annual Clinical Genetics Meeting, San Antonio, Texas.

Gary, J., Dormire, S.D., Norman, J.M., & Harvey, I.S. (2020, February). Pregnant while Black: Qualitative inquiry into motherhood. Data Blitz Symposium, an academic partnership opportunity between Prairie View A&M University and Texas A&M University, Prairie View A&M University.

Gary, J.C., Hatala, J., Hnatek, J., & Kaunas, K. (2020, November). Learning needs of health professions students and educators related to palliative care...pandemic magnified.... 6th Annual Interprofessional Education and Research (IPER) Symposium, Texas A&M Health Science Center, Texas.

Gary, J.C., Ellis, M., Elmageed, Z.Y., Hatala, J., Hnatek, J., & Kaunas, C.L. (2020, July). Establishing interprofessional palliative care education across a university system. 31st International Nursing Research Congress for Sigma Theta Tau International, Abu Dhabi, United Arab Emirates. V

Gary, J.C., Downing, N. R., Weston, C., Pittman, A., Pullium, C., Beard, R., Ontai, S. C., McCord, C., Kohleffel, L., Ferdinand, A. O., **Hutchison, L.**, Thompson, E.M., & **Bolin, J.** (2020, July). A multi-disciplinary community assessment to address the opioid crisis impacting children in rural Texas. 2020 American Hospital Association (AHA) Team Training National Conference, New Orleans, LA.^c

Hoffman, M. (2020, April). LGBTQI curriculum implementation: Addressing caps in healthcare professional education. National Organization of Nurse Practitioner Faculties (NONPF) 46th Annual Conference, Chicago, IL.

Kappil, E*., Gary, J.C., Downing, N.R., Kohleffel, L., Johnson, N., & Bolin, J. (2020, November). Building a recovery oriented systems of care (ROSC) in the midst of a pandemic. 6th Annual Interprofessional Education and Research (IPER) Symposium, Texas A&M Health Science Center, Bryan, Texas.

Mancino, G.*, **Downing, N.R.**, & Vieh, R. (2020, March). Utilizing non-report sexual assault evidence collection kits: A Texas case study. Southern Nursing Research Society Annual Conference, New Orleans, LA.^c

Ferdinand, A., Primm, K., Callaghan, T., **Akinlotan, M.**, Khodakarami, N.*, Valdi, M., **& Bolin, J.** (2020, June). Opioid use disorder and Human Immunodeficiency Virus (HIV)-related mortality: Evidence from the CDC WONDER Database. National Rural Health Association Annual Conference.

Olowolaju, S.*, Lichorad, A., **Akinlotan, M.**, Pope, R., Williamson, B., Horel, S., **Weston, C.**, Kassabian, M., & **Bolin, J.** (2020, July). Cervical cancer screening outcomes among a sample of low-income, uninsured women: A program-based study. AcademyHealth Annual Research Meeting.^v

Primm, K., Ferdinand, A., **Akinlotan, M.**, Khodakarami, N.*, Callaghan, T., & **Bolin, J.** (2020, July). Urban-rural Trends in HIV and opioid related mortality in the United States, 2000-2017. AcademyHealth Annual Research Meeting.

Mauldin, B. (2020, April). A novel teaching strategy in nursing pharmacology: Learning using cognitive load theory. University of Texas at Tyler Annual Lyceum, Tyler, TX, United States.

Pedraza, A.*, **Page, R.L.**, **Montalvo-Liendo, N.**, Nava, A., & Chilton, J. (2020, March). The positive impact of social support groups among Hispanic female victims of Intimate Partner Violence. Southern Nursing Research Society Annual Conference, New Orleans, LA.^c

Perez-Patron, M.J., **Page**, **R.L.** & Taylor, B.D. (2020, April). Maternal risk profiles and preterm birth by rural status in the U.S., 2012-2016. Population Association of America Annual Meeting, Washington, DC.^c

Pullium, C. (2020, February). Walk on Wednesday (WoW): An outreach partnership between undergraduate nursing students and a free clinic to enhance patient education. Meeting of the American Association of Colleges of Nursing (AACN) Clinical Nurse Leader Summit, San Antonio, TX.

Pullium, C., Wuensche, K., & **Armstrong, K.** (2020, April). Themed concept clusters in an online pre-professional survey course: A novel approach to student development of a discipline specific toolkit. Texas A&M University Transformational Teaching and Learning Conference, College Station TX.^c

Vargas, S. (2020, September). Cultural competence in the care of the Hispanic mother-baby couplet. Texas Nurse Practitioner Association 32nd Fall Conference.

Watzak, B., **Bolin, J.**, **Hutchison, L.**, & Thompson, E. (2020, May). Impacting hospitals via systems change-focused ECHO. National Rural Health Association, San Diego, CA.

Wells-Beede, E., Van, S., & Mulcahy, A. (2020, September). The simulated learning environment compared to the clinical learning environment as perceived by the learner in a community health course. National League for Nursing (NLN) Education Summit Conference.^v

Weston, C., Gary, J., Downing, N., Pittman, A., Ferdinand, A., & Bolin, J. (2020, March). Calling a community to action: The opioid crisis and the impact on children. Southern Nursing Research Society (SNRS) 34th Annual Conference, New Orleans, Louisiana.

^cDenotes conference cancelled amid COVID-19 pandemic

^vDenotes virtual presentation



BOOKS/CHAPTERS/OTHER

Downing, N.R. (2020). Chapter 8: Human papillomavirus. In P. M. Speck, D. Faugno, **S. Mitchell**, R. A. Ekroos, & Gibbons Hallman, M. (Eds.). Sexually transmitted infection and disease assessment, pp. 61-68. St. Louis, MO: STM Learning.

Mitchell, S.A., & Drake, S.A. (2020). Chapter 9: Death Investigation. In Carney, A. (Ed.) Elder Abuse Forensic, Legal and Medical Aspects. Academic Press.

Pullium, C.L. (2020). Bacterial vaginosis. In P.M. Speck, D. Faugno, **S. Mitchell**, R.A. Ekroos & M.G. Hallman (Eds.), Sexually transmitted infection and disease assessment for healthcare providers and first responders.

Speck, P.M., Faugno, D., **Mitchell, S.**, Ekroos, R., & Hallman, M. (2020). Sexually transmitted infection and disease assessment for health care providers and first responders. St. Louis, MO: STM Learning, Inc.

Sorenson, M. (2020). Nursing Care of Patients in Pain. In G. Bauldouff, P. Gubrud and M. Carno (Eds.), LeMone and Burke's Medical-Surgical Nursing: Clinical Reasoning in Patient Care (7th ed., pp. 196-225). Hoboken, NJ: Pearson.

Wells-Beede, **E**. (2020). The value of simulation in nursing. [Streaming Video] Sage Publications. UK. doi. org/10.4135/9781529726817

Weston, C. (2020). Chapter 7: Clinician overview. Advance Practice Nursing: Exploring Roles and Opportunities, 1st ed. Hart, C & Bell, P. Wolters Kluwer. ISBN/ISSN:9781975111724.

Weston, C. (2020). Chapter 9: Herpes Simplex Virus (HSV). Sexually Transmitted Infection Assessment: For Health Care Providers and First Responders. Forensic Learning Series. Speck, P., Faugno, D., **Mitchell, S.**, Ehroos, R., Hallman, M. STM Learning Inc. ISBN: 978- 1-936590-85-8.



TEXAS A&M UNIVERSITY College of Nursing



nursing.tamu.edu











@tamunursing