

Kevin P. Gosselin, Ph.D.

kgosselin@uttyler.edu

Aubrey, TX 76227

APPOINTMENTS

Full Professor with Tenure (September 2023 – Current)

Interim Director, PhD Program (June 2024 – May 2025)

Assistant Professor (September 2010 – July 2013)

The University of Texas at Tyler – Tyler, TX

School of Nursing

- Supervised graduate and undergraduate research assistants resulting in student research co-authorship on academic presentations and peer-reviewed manuscripts.
- Provided strategic leadership and operational oversight for a PhD program of 41 students and 11 faculty, with direct mentorship of up to six doctoral students and candidates annually.
- Contributed to PhD curriculum redesign, emphasizing the statistics sequence and modern data science competencies; co-led successful external program review resulting in 10-year reaffirmation with commendations for academic rigor and student outcomes.
- Secured funding to advance a research portfolios focused on online education, instructor development, and burnout mitigation using non-pharmacological interventions.
- Taught graduate courses for MSN and PhD students primarily in statistics, research design, and translational research. Chaired and served as a member of four dissertation committees per year (on average).
- Strengthened the research culture across the university by consulting on complex methodological designs (quantitative, qualitative, mixed methods, and predictive modeling) and facilitating cross-disciplinary scholarship.

Founder and Chief Executive Officer (April 2021 – Current)

AriTex, LLC – Chandler, AZ

- Founded and scaled a research and analytics consulting firm serving higher education institutions, healthcare systems, and private sector organizations.
- Drove 253% year-over-year revenue growth (\$2.37M over four years) through strategic B2B contracts and expansion of service lines in educational research, clinical trial design and support, and program evaluation.
- Advised C-suite executives, academic deans, and provosts on data-driven strategy, research infrastructure development, and educational innovation.
- Oversaw all aspects of business operations, including strategic planning, financial management, personnel development, and organizational growth.

Senior Faculty and Director of Medical Education Research (November 2022 – August 2023)

Division of Medical Education Research and Scholarship

Baylor College of Medicine – Houston, TX

- Directed institution-wide research initiatives to evaluate and enhance medical education outcomes through rigorous study design, implementation, and analytics.
- Led professional development programs advancing faculty and trainee scholarship, program evaluation, and educational innovation across the College of Medicine.
- Served as principal consultant for faculty and investigators on theory-based model design, statistical approaches, and the development of scholarly output in medical education research.

Adjunct Professor (term contract) (July 2018 – December 2019)

A.T. Still University – Mesa, AZ

Arizona School of Dentistry & Oral Health

- Designed and taught post-doctoral research and writing courses, mentoring residents in scholarly projects leading to publication and professional presentations.

Executive Director, Academics & Biostatistics (February 2017 – May 2021)

HonorHealth – Scottsdale, AZ

HonorHealth Research Institute

- Served on the senior leadership team, collaborating with the CEO, CFO, and system executives to develop and execute the strategic plan for research, clinical trials, and academic partnerships.
- Oversaw the HonorHealth Research Incubator, leading system-wide efforts that increased investigator-initiated research publications by 76% and secured \$6.35M in new funding over four years.
- Directed academic and educational programs across medical residency, faculty development, and clinical research training, aligning with institutional priorities for translational science and workforce development.
- Led a multidisciplinary team of six analysts, data scientists, and investigators.
- Forged partnerships with the University of Arizona, Translational Genomics Institute, and other national collaborators to advance clinical research innovation.

Associate Professor with Tenure (August 2013 – March 2017)

Associate Dean of Research and Graduate Studies (August 2013 – July 2016)

Texas A&M University Health Science Center – Bryan, TX

College of Nursing

- Provided strategic leadership for research and graduate programs.
- Secured \$1.7M in extramural funding and established multidisciplinary collaborations advancing health equity, workforce diversity, and research capacity in underserved populations.
- Facilitated the launch of new graduate programs, including the MSN in Forensic Nursing, MSN in Nursing Education, and Graduate Certificate in Forensic Health Care.
- Created faculty development and student research initiatives, including OneHealth collaborative programs, seed funding mechanisms, and undergraduate research committees supported by THECB grants.
- Led efforts in strategic planning, accreditation, and evidence-based education, aligning research priorities with institutional mission and state-level health objectives.

Adjunct Assistant Professor & Program Evaluator (term contract) (June 2009 – August 2010)
Texas Tech University – Lubbock, TX
Department of Educational Psychology & Leadership

- Supported institutional STEM initiatives through course development and program evaluation to increase transfer and retention of underrepresented students in higher education.
- Provided research design consultation, curricular assessment, and faculty training on evidence-based teaching and evaluation strategies.

EDUCATION

Ph.D., Educational Psychology

Texas Tech University – Lubbock, TX
Cognate: Higher Education Administration

M.Ed., Educational Psychology

Texas Tech University – Lubbock, TX
Minor Concentration: Analytics and Measurement

M.S., Kinesiology

The University of Texas at Tyler – Tyler, TX
Minor Concentration: Performance Psychology

B.A., Psychology

Arizona State University – Tempe, AZ
Minor: Music

PUBLICATIONS

BOOKS & CHAPTERS

Northcote, M., **Gosselin, K.**, Kilgour, P., McLoughlin, C., Boddey, C., & Boddey, K. (2019). At the Troublesome Edge of Recognizing Threshold Concepts of Online Teachers: A Proposed Learning Threshold Identification Methodology. In B. Wuetherick, AM. Ryan, J. Timmermans & R. Land (Eds.), *Threshold Concepts at the Edge* (pp. 19-36). Sense Publishers, Rotterdam, The Netherlands.

Northcote, M., & **Gosselin, K.** (2016). *Handbook of Research on Humanizing the Distance Learning Experience*. IGI-Global, Hershey, PA.

Gosselin, K., Northcote, M., Wuensche, K. & Stoddard, T. (2016). Taking a Hard Look at Research about the Soft Skills of Online Course Design and Online Teaching in Higher Education. In M. Northcote & K. Gosselin (Eds.), *Handbook of Research on Humanizing the Distance Learning Experience* (pp. 151-181). IGI-Global, Hershey, PA.

- Northcote, M., **Gosselin, K.**, Reynaud, D., Kilgour, P., Anderson, M. & Boddey, C. (2016). Reversing the Tyranny of Distance Education: Using Research about Threshold Concepts to Humanize Online Course Design. In M. Northcote & K. Gosselin (Eds.), *Handbook of Research on Humanizing the Distance Learning Experience* (pp. 232-255). IGI-Global, Hershey, PA.
- Wyrick-Morgan, L., **Gosselin, K.**, & Moore, B. (2013). The 60/40 Split. In J. Glass & K. Dotson-Blake (Eds.), *Online Group Activities to Enhance Counselor Education* (pp. 143-146). Alexandria, VA: Association for Specialists in Group Work.
- Gosselin, K.**, & Burley, H. (2011). Developing an Online Course On-the-Fly with an IR State of Mind. In H. Burley (Ed.), *Cases on Institutional Research* (pp. 174-193). Hershey, PA: IGI-Global.
- MANUSCRIPTS (PEER-REVIEWED)*
- Gosselin, K.**, Oliver, H., Lubojacky, C., West, K., & Cooper, T. (In press). Play to prepare: Effects of pre-simulation gaming on nursing student outcomes. *Manuscript accepted for publication in Clinical Simulation in Nursing*.
- Gosselin, K.**, Oliver, H., Lubojacky, C., & West, K. (In press). Impact of a media-based music therapy intervention on anxiety, burnout, and clinical performance in nursing students. *Manuscript accepted for publication in Nursing Education Perspectives*.
- Armstrong, C., & **Gosselin, K.** (2025). Development and validation of the Surrogate Decision-Maker Trust Scale. *Journal of Nursing Measurement*, Advance online publication. <https://doi.org/10.1891/JNM-2025-0043>
- Tomlinson, M., Nasto, K., **Gosselin, K.**, et al. (2025). Fruits of the professional educator appreciation and recognition (PEAR) awards: Learning what students value in their medical educators. *Medical Science Educator*, 35, 787–791. <https://doi.org/10.1007/s40670-024-02234-2>
- Murley, B., Chen, K. M., Gipson, C. S., **Gosselin, K.**, Thornhill, J., Ross, A., Gladding, K., & Mastel-Smith, B. (2025). Effects of the Vitality Acupuncture Exercise Program on Older Adults With Probable Sarcopenia: A Mixed Methods Pilot Study. *Journal of Holistic Nursing: Official Journal of the American Holistic Nurses' Association*, 43(1), 70–83. <https://doi.org/10.1177/08980101241291756>
- Gosselin, K.**, Oliver, H., Rose, D., George, J., Hanson, A., Strout, K., Crabtree, D., & Deal, B. (2024). Efficacy of 15-minute music intervention on nursing students' anxiety, self-efficacy, and performance in simulation testing: A randomized study. *Clinical Simulation in Nursing*, 96. <https://doi.org/10.1016/j.ecns.2024.101625>
- Rizik, D. G., **Gosselin, K. P.**, Burke, R. F., & Goldstein, J. A. (2024). Comprehensive radiation shield minimizes operator radiation exposure in coronary and structural heart procedures. *Cardiovascular Revascularization Medicine*, 64, 70–75. DOI: 10.1016/j.carrev.2024.02.015

- Rizik, D., Riley, R., Burke, R., Klassen, S., Nigoghosian, A., **Gosselin, K.**, & Goldstein, J. (2024). Comprehensive shielding system enhances radiation protection for structural heart procedures. *Journal of the Society for Cardiovascular Angiography & Interventions*, 3(1). <https://doi.org/10.1016/j.jscai.2023.101110>
- Abrams, M., **Gosselin, K.**, Roth, C. K., & Hoffman, N. (2024). A randomized trial comparing NeoLight Skylife and blanket phototherapy in newborn indirect hyperbilirubinemia. *Clinical Pediatrics*, 63(6), 774–778. <https://doi.org/10.1177/00099228231190120>
- Roth, C., Brewer, M., **Gosselin, K.**, & Curt., B. (2023). Hospital employees' perceptions of being swamped. *OJIN: The Online Journal of Issues in Nursing*, 29, 1. DOI: 10.3912/OJIN.Vol29No01PPT59
- Lalani, B., **Gosselin, K.**, Penno, R., Puryer, B., Rilo, H., & Lalani, A. (2023). A retrospective cohort analysis of two computerized insulin infusion protocols. *Journal of Diabetes Science and Technology*. DOI: 10.1177/19322968231163584
- Rizik, D., Riley, R., Burke, R., Klassen, S., Nigoghosian, A., **Gosselin, K.**, & Goldstein, J. (2023). Comprehensive radiation shield minimizes operator radiation exposure and obviates need for lead aprons. *Journal of the Society for Cardiovascular Angiography & Interventions*. DOI: 10.1016/j.jscai.2023.100603
- Hansen, A., Cooper, A., Steinbach, M., Meng, M., **Gosselin, K.**, & Wanebo, J. (2023). The clinical progression of patients with glioblastoma. *Interdisciplinary Neurosurgery*, 32, 101756. <https://doi.org/10.1016/j.inat.2023.101756>.
- Weston, C., Jones-Schubart, K, Hare, M., **Gosselin, K.**, & Cook, S. (2021). Benefits of a pediatric clinic simulation using standardized patients in family nurse practitioner education. *Nursing Education Perspectives*, 42(6), E31–E33. <https://doi.org/10.1097/01.NEP.0000000000000871>
- Akella, K., Sardana, M., Pathank, S., [et al, including **Gosselin, K.**] (2021). A simple point-based clinical prediction score to predict stroke after left atrial appendage closure: An analysis of the National Readmissions Database. *Journal of the American College of Cardiology*, 78(19), B76. DOI:10.1016/j.jacc.2021.09.1036
- Roth, C., Brewer, M., Curt, B., & **Gosselin, K.** (2020). Nurses' experiences of “being swamped” in the clinical setting and association with adherence to AWHONN nurse staffing guidelines. *MCN, The American Journal of Maternal/Child Nursing*, 45(5), 271-279. DOI: 10.1097/NMC.0000000000000643
- 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), 183-184. DOI: 10.1097/01.NEP.0000000000000495

- Northcote, M., **Gosselin, K.P.**, Kilgour, P., Reynaud, D., & McLoughlin, C. (2019). A professional learning program for novice online teachers using threshold concepts. *Online Learning*, 23(4), 336-353. DOI:10.24059/olj.v23i4.1573
- Northcote, M., Kilgour, P., Reynaud, D., McLoughlin, C., & **Gosselin, K.** (2019). Threshold concepts about online pedagogy for novice online teachers in higher education. *Higher Education Research and Development*, 38(7), 1417-1431. DOI: 10.1080/07294360.2018.1450360
- Lawson, B., Hultsch, R., Caldwell, L., **Gosselin, K.**, Jameson, G., & Borazanci, E. (2019). Partial splenic embolization to alleviate thrombocytopenia in stage III and stage IV pancreatic ductal adenocarcinoma (PDAC) cancer patients. *Annals of Pancreatic Cancer*. DOI: 10.21037/apc.2019.05.01
- Gary, J. C., **Gosselin, K.**, Mulcahy, A., & Mathews, D.W. (2019). Meeting Texas nursing workforce needs through recruitment and retention initiatives. *Nursing Education Perspectives*, 40(6), 355-357. DOI: 10.1097/01.NEP.0000000000000452
- Chilton, J., **Gosselin, K.**, & Haas, B. (2018). Development of the Self-Rated Abilities for Health Practices - Adolescent version: A self-efficacy measure. *Journal of Nursing Measurement*, 26(1), 134-141. DOI: 10.1891/1061-3749.26.1.134
- Gary, J., **Gosselin, K.**, & Bently, R. (2018). Health science center faculty attitudes towards interprofessional education and teamwork. *Journal of Interprofessional Care*, 32(2), 231-234. DOI: 10.1080/13561820.2017.1376626
- Northcote, M., **Gosselin, K.**, Kilgour, P., McLoughlin, C. & Boddey, C. (2017). Using threshold concepts about online teaching to support novice online teachers: Designing professional development guidelines to individually assist academic staff (“me”) and collectively guide the institution (“us”). In H. Partridge, K. Davis, & J. Thomas. (Ed s.), *Me, Us, IT! Proceedings ASCILITE2017: 34th International Conference on Innovation, Practice and Research in the Use of Educational Technologies in Tertiary Education* (pp. 328-33). <https://doi.org/10.14742/apubs.2017.780>
- Holland, B., **Gosselin, K.**, & Mulcahy, A. (2017). The effect of autogenic training on self-efficacy, anxiety and performance in nursing student simulation testing. *Nursing Education Perspectives*, 38(2), 87-89. DOI: 10.1097/01.NEP.0000000000000110
- Gosselin, K.**, Northcote, M., Reynaud, D., Kilgour, P., Anderson, M., & Boddey, C. (2016). Development of an evidence-based professional learning program informed by online teachers’ self-efficacy and threshold concepts. *Online Learning*, 20(3), 178 – 194. DOI: 10.24059/olj.v20i3.648
- Weston, C., Husain, A., Curzon, C., Neish, S., Kennedy, G., Bonagurio, K., & **Gosselin, K.** (2016). Improving outcomes for infants with single ventricle physiology through standardized feeding during the interstage. *Nursing Research and Practice.*, vol. 2016, 1-7. DOI:10.1155/2016/9505629

- Gosselin, K.**, Holland, B., Mulcahy, A., Williamson, S., & Widacki, A. (2016). Music for anxiety reduction and performance enhancement in nursing simulation. *Clinical Simulation in Nursing*, 12(1), 16-23. DOI: 0.1016/J.ECNS.2015.12.002
- Andrews, C., Northam, S., & **Gosselin, K.** (2015). Evaluation of an innovative program to improve outcomes among military beneficiaries with diabetes. *Nursing Economic\$,* 33(5), 271-280. PMID: 26625580
- Northcote, M., **Gosselin, K.**, Reynaud, D., Kilgour, P., & Anderson, M. (2015). Navigating learning journeys of online teachers: Threshold concepts and self-efficacy. *Issues in Educational Research*, 25(3), 319-344. ERIC ID: EJ1072471
- Morgan, L.W., McCoy, K., **Gosselin, K. P.**, & Patterson, H. (2015). Academic dishonesty among high school students: What school counselors can do to transform school climate. *Alabama Counseling Association Journal*, 40(1), 25-51.
- Johnston, D. A., Gilmore, T. W., & **Gosselin, K.** (2015). A comparison of inhaled (MDI) albuterol versus endotracheal liquid bolus (ELB) albuterol for the treatment of bronchoconstriction: A novel route of administration. *Respiratory Care*, 60(5), 627-635. DOI: 10.4187/respcare.03494
- Morgan, L. W., Greenwaldt, M. E., & **Gosselin, K. P.** (2014). School counselors' perceptions of competency in career counseling. *The Professional Counselor*, 4(5), 481-496. DOI: 10.15241/lwm.4.5.481
- Chilton, J., Haas, B., & **Gosselin, K.** (2014). The effect of a wellness program on adolescent females. *Western Journal of Nursing Research*, 36(5), 581-598. DOI: 10.1177/0193945913508844
- Weeks, C., Haas, B., & **Gosselin, K.** (2014). Expectations and self-efficacy of African American parents who discuss sexuality with their adolescent sons: an intervention study. *Public Health Nursing*, 31(3), 253-261. DOI: 10.1111/phn.12084
- Moore, B. F., Perez, A., Sorensen, W., **Gosselin, K.**, Ballard, J. E., & Saxton, D. L. (2014). Regional and racial/ethnic differences in the association between eating habits, perceived social norms and obesity among Texas adolescents. *Texas Public Health Journal*, 66(2), 6-11. DOI: 10.1093/advances/nmaa162
- Missildine, K., Fountain, R., Summers, L., & **Gosselin, K.** (2013). Flipping the classroom to improve student performance and satisfaction. *Journal of Nursing Education*, 52(10), 597-599. DOI: 10.3928/01484834-20130919-03
- Gard, D., Paton, V., & **Gosselin, K.** (2012). Student perceptions of the factors contributing to community college to university transfer success. *Community College Journal of Research and Practice*, 36(11), 833-848. DOI: 10.1080/10668920903182666

- Verdan, P. J. R., Marzilli, T. S., Barna, G. I., Fenter, B. A., Roquemore, A. N., Blujus, B., & **Gosselin, K. P.** (2012). Effect of the Power Balance® Band on static balance, hamstring flexibility, and arm strength in adults. *The Journal of Strength and Conditioning Research*, 26(8), 2113-2118. DOI: 10.1519/JSC.0b013e31823a43ce
- Northcote, M., Beamish, P., Reynaud, D., Martin, T., & **Gosselin, K.** (2011). Bumpy moments and joyful breakthroughs: The place of threshold concepts in academic staff development programs about online learning and teaching. *ACCESS: Critical Perspectives on Communication, Cultural & Policy Studies*, 30(2), 75-90.
- Hamman, D., **Gosselin, K.**, Romano, J., & Bunuan, R. (2010). Using possible-selves theory to understand the identity development of new teachers. *Teaching and Teacher Education*, 26 (7), 1349-1361. DOI: 10.1016/j.tate.2010.03.005
- Barnard, L. M., Burley, H., Arora, N., & **Gosselin, K.** (2007). The survey of mentor attitudes and behavior. *Academic Exchange Quarterly*, 11(3), 135-139.
- ABSTRACTS & SCHOLARLY PRESENTATIONS (PEER-REVIEWED)*
- Farris, L., & **Gosselin, K.** (2026, June). *Policy That Protects: A Blueprint for Developing Well-Being Policies in Simulation*. Abstract accepted for poster presentation at the International Nursing Association for Clinical Simulation in Nursing conference, Oklahoma City, OK.
- Gosselin, K.**, Oliver, H., Lubojacky, C., & West, K. (2026, February). *Nursing Student Outcomes from Pre-Simulation Gaming: A Crossover Trial*. Abstract presented at the Southern Nursing Research Society 40th Annual Conference, Austin, TX.
- Gipson, C., **Gosselin, K.**, Naldoza, T., & Deal, B. (2026, February). *Self-Efficacy for Sleep Hygiene Inventory (SESHI): Instrument Validation Study*. Abstract presented at the Southern Nursing Research Society 40th Annual Conference, Austin, TX.
- Gosselin, K.**, & Gipson, C. (2025, November). *Expediting Sleep Hygiene Measurement with Artificial Intelligence: A Path Toward Wellness Without Walls*. Abstract presented at the Wellness Without Walls Research Symposium, Tyler, TX.
- Gosselin, K.**, Oliver, H., Lubojacky, C., & West, K. (2025, September). *Reducing Anxiety and Enhancing Performance in Nursing using Music Therapy*. Poster presented at the annual National League for Nursing Educational Summit, Orlando, FL.
- Gosselin, K.**, Oliver, H., George, J., Rose, D., Deal, B., Strout, K., Crabtree, D., & Hanson, A (2025, August). *A Randomized Controlled Study to Evaluate the Efficacy of a 15-Minute Music Listening Intervention on Anxiety, Self-Efficacy, and Performance for Nursing Students undergoing Simulation Testing*. Poster presented at the Annual American Psychological Association Conference, Denver, CO.

- Gosselin, K.**, Oliver, H., George, J., Rose, D., Deal, B., McBride, S., Strout, K., Crabtree, D., & Hanson, A (2024, May). *A Randomized Controlled Study to Evaluate the Efficacy of a 15-Minute Music Listening Intervention on Anxiety, Self-Efficacy, and Performance for Nursing Students undergoing Simulation Testing*. Abstract presented at the 2024 University of Texas at Tyler Research Showcase Event: Explore the Future of Healthcare Innovation, Tyler, TX.
- Gosselin, K.**, Oliver, H., George, J., Rose, D., Deal, B., McBride, S., Strout, K., Crabtree, D., & Hanson, A (2024, April). *The Influence of Music: A Randomized Controlled Study on Anxiety, Self-Efficacy, Burnout, and Performance for Nursing Students undergoing Simulation Testing*. Abstract presented at the East Texas Research Conference, Tyler, TX.
- Murley, B., Chen, K., Gipson, C., **Gosselin, K.**, & Mastel-Smith, B. (2024, April). *A Mixed Methods Pilot Study Evaluating the Effects of the Vitality Acupuncture Exercise Program on Older Adults in East Texas Long-Term Care*. Abstract presented at the East Texas Research Conference, Tyler, TX.
- Gouvea, A., Romo, L., Gibson, C. Deal, B., & **Gosselin, K.** (2024, March). *Validation of the Self-Efficacy for Sleep Hygiene Inventory in Young Adult College Students*. Poster presented at the Great Plains Honors Council Conference, Stillwater, OK.
- Rizik, D., **Gosselin, K.**, Burke, R., & Goldstein, J. (2024, March). *Comprehensive Radiation Shield Minimizes Operator Radiation Exposure in Coronary and Structural Heart Procedures*. Abstract presented at the Cardiovascular Research Technologies annual meeting, Washington, DC.
- Caloudas, S., **Gosselin, K.**, Ren, M., Kamdar, A., Bergemann, A., Toussant, R., Vallejo, J., Ismail, N., & Stolar, A. (2023, September). *Designing and Implementing a Pilot Pre-Matriculation Program for Incoming Medical Students*. Poster presented at the Baylor College of Medicine 2023 Academy of Distinguished Educator's Annual Showcase of Educational Scholarship, Houston, TX.
- Tomlinson, M., Nasto, K., **Gosselin, K.**, Friedman, E., Gill, A., & Rose, S. (2023, June). *PEAR (Professional Educator Appreciation and Recognition) Awards: Perspectives from a Student-led Educator Appreciation Award*. Poster presented at the Texas Educator's Academies Collaborative for Health Professions – Southeast 2023 TEACH-S Educational Symposium, Houston, TX.
- Lalani, B., **Gosselin, K.**, Lalani, S., Rilo, H., & Lalani, A. (2021, November). *Evaluation of the Safety and Efficacy of the Lalani Insulin Infusion Protocol*. Abstract presented at the 31st Annual Diabetes Technology meeting, online.
- Tsai, F., Mirabella, A., Steinbach, M., **Gosselin, K.**, Malaty, S., Gonzales-Franco, M., De La Pena, N., Lerman, K., & Zenhausern, F. (2021, February). *Pilot Study of Spatial Computing for Patient Consent*. Poster presented at the 6th Annual ABRC-Flinn Research Conference, Phoenix, AZ.
- Borazanci, E., Jameson, G., Snyder, C., Tsai, F., Gordon, M., Sharma, S., Guarnieri, C., Thosani, A., Rahmanuddin, S., Korn, R., Sckolnik, S., Sedivy, P., Salontai, S., Wyman, R., Haag, S.,

- Gosselin, K.**, Von Hoff, D., & Amini, A. (2020, May). *Paclitaxel protein bound (A) plus gemcitabine (G) plus cisplatin (C) and paricalcitol (P) neoadjuvant therapy for localized pancreatic ductal adenocarcinoma (PDAC)*. Abstract presented at the American Society of Clinical Oncology annual meeting, Chicago, IL.
- Cridebring, D., Hadley, D., Scott, T., Vilner, A., Heckman, T., **Gosselin, K.**, Jameson, G., Haag, S., & Borazanci, E. (2020, May). *Real-world hypothesis-generating cohort of pancreatic cancer patients with brain metastases*. Abstract presented at the American Society of Clinical Oncology annual meeting, Chicago, IL. DOI: 10.1200/JCO.2020.38.15_suppl.e16720
- Borazanci, E., Jameson, G., Snyder, C., Tsai, F., Gordon, M., Thosani, T., Korn, R., Skolnik, S., Sedivy, P., Haag, S., **Gosselin, K.**, Von Hoff, D., & Amini, A. (2019, September). *Combination neoadjuvant therapy for localized pancreatic ductal adenocarcinoma (PDAC)*. Abstract presentation at the American Association of Cancer Research Special Conference on Pancreatic Cancer: Advances in Science and Clinical Care, Boston, MA.
- Gosselin, K.**, Fulton, K., Yu, M., Abrams, M (2019, April). *Comparison of phototherapy using Neolight SkyLife™ versus standardized phototherapy for hyperbilirubinemia in newborns*. Abstract presented at the annual Pediatric Academic Societies Meeting, Baltimore, MD.
- Borazanci, E., Jameson, G., Korn, R., Caldwell, L., Ansaldo, K., Henderickson, K., Marceau, K., **Gosselin, K.**, & Von Hoff, D.D. (2019, April). *A Phase II pilot trial of nivolumab + albumin bound paclitaxel + paricalcitol + cisplatin + gemcitabine in patients with previously untreated metastatic pancreatic ductal adenocarcinoma*. Poster presented at the annual meeting for the American Association for Cancer Research, Atlanta, GA.
- Schneider, D., **Gosselin, K.**, Davis, E., Figueroa, S., Copeland, E., Egnatios, D., & Radhakrishnan, P. (2019, February). *Lifelong learning foundations: Continued advancement of research and scholarly activity through the ResQIPS framework*. Poster presented at the Society for Academic Continuing Medical Education annual meeting, Charleston, SC.
- Schneider, D., Figueroa, S., Copeland, E., Anderson, C., Dzandu, J., Brewer, M., Flores, A., **Gosselin, K.**, & Radhakrishnan, P. (2018, April). *Resident research training program: Improving research and scholarly activity through the ResQIPS framework*. Poster presented at the Society for Academic Continuing Medical Education annual meeting in San Antonio, TX.
- Ellis, W., Kegowicz, P., Radhakrishnan, P., Snell, S., DeGrio, A., Macdonald, A., **Gosselin, K.**, Brandon, A., Easterly, S. (2018, March). *Building resiliency with empathy training*. Poster presented at the Alliance of Independent Academic Medical Centers annual meeting in Carlsbad, CA.
- Northcote, M., **Gosselin, K.**, Kilgour, P., McLoughlin, C., & Boddey, C. (2017, December). *Using threshold concepts about online teaching to support novice online teachers: Designing professional development guidelines to individually assist academic staff (“me”) and collectively guide the institution (“us”)*. Paper presented at the 34th International Conference on Innovation,

Practice and Research in the Use of Educational Technologies and Tertiary Education,
Toowoomba, QLD, Australia.

McLoughlin, C., Northcote, M., & **Gosselin, K.** (2017, October). *Mind the gap: Contrasting perspectives of online teaching and learning as indicators of student support needs*. Paper presented at the biannual Ireland International Conference on Education, Dublin, Ireland.

Gary, J., **Gosselin, K.**, Mulcahy, A., & Mathews, D. (2017, April). *Meeting Texas nursing workforce needs through recruitment and retention initiatives*. Paper presented at the annual Cultural Inclusion Conference, San Antonio, TX.

Holland, B., Mulcahy, A., & **Gosselin, K.** (2016, September). *Challenging tradition: Navigating applications of technology in simulation experiences*. Poster presented at the annual National League for Nursing Educational Summit, Orlando, FL.

Mulcahy, A., Pittman, A., Holland, B., & **Gosselin, K.** (2016, July). *Go with the flow: Using movement meditation to reduce simulation anxiety in nursing students*. Paper presented at the annual Nurse Educator Conference in the Rockies, Breckenridge, CO.

Holland, B., Mulcahy, A., & **Gosselin, K.** (2016, July). *Relax! It's only simulation: The use of autogenic training to reduce student anxiety and improve student performance in nursing simulation*. Paper presented at the annual Nurse Educator Conference in the Rockies, Breckenridge, CO.

Gosselin, K., Holland, B., & Mulcahy, A. (2016, July). *Effect of self-selected music on anxiety and simulation performance in baccalaureate nursing students*. Paper presented at the annual Nurse Educator Conference in the Rockies, Breckenridge, CO.

Northcote, M., **Gosselin, K.**, Rickards, T., Reynaud, D., Kilgour, P., McLoughlin, C., Boddey, C, & Boddey, K. (2016, June). *The troublesome edge of teaching online: Using threshold concepts to design professional learning curricula for novice online teachers*. Paper presented at the 6th Biennial Threshold Concepts Conference at Dalhousie University, Halifax, Canada.

Weston, C., Jones-Schubart, K., & **Gosselin, K.** (2016, April). *Pediatric clinic simulation for FNP students*. Paper presented at the annual National Organization of Nurse Practitioner Faculties meeting in Seattle, WA.

Holland, B., **Gosselin, K.**, Mountain, A., & Williamson, S. (2015, September). *Comparing music therapy, autogenic training, and a movement-based intervention for anxiety reduction and performance enhancement in baccalaureate nursing student simulation experiences*. Poster presented at the annual National League for Nursing Educational Summit, Las Vegas, NV.

Gosselin, K. (2015, July). *Integration of technology and simulation in nursing education*. Poster presented at the annual Nurse Educator Conference in the Rockies, Breckenridge, CO.

Gosselin, K., Holland, B., Mountain, A., Williamson, S., & Widacki, A. (2015, June). *The use of music therapy for anxiety reduction and performance enhancement in nursing simulation experiences*.

Paper presented at the annual International Nursing Association for Clinical Simulation and Learning Conference, Atlanta, GA.

Johnston, D., Gilmore, T., & **Gosselin, K.** (2015, April). *A comparison of metered dose inhaled albuterol versus endotracheal liquid bolus for the treatment of bronchoconstriction*. Paper presented at the annual Sigma Theta Tau International Region 6 Research & Evidence-Based Practice Conference, Shreveport, LA.

Gosselin, K., Northcote, M., Reynaud, D., Kilgor, P., Anderson, M., & Boddey, C. (2014, July). *Gathering threshold concepts about online teaching: Report on a five-year project*. Paper presented at the Threshold Concepts in Practice Conference, Durham, England.

Jackson, C., Moreau, S., Ruppner, A., Satterwhite, K., Smith, H. Stucki, K., & **Gosselin, K.** (2014, April). *Examining an evidence-based educational intervention to promote healthy sleep behaviors for third-grade students*. Poster presented at the annual Sigma Theta Tau International Region 6 Nursing Research & Evidence Based Practice conference, Shreveport, LA.

Weeks, C., Haas, B., & **Gosselin, K.** (2014, March). *African American parents addressing sexuality with their adolescent sons: A multimedia intervention*. Paper presented at the Midwest Nursing Research Society's annual conference, St. Louis, MO.

Gosselin, K., & Northcote, M. (2013). *Cross-continental research collaborations about online teaching*. In D. G. Sampson, J. M. Spector, D. Ifenthaler, & P. Isaias (Eds.). *Proceedings of the IADIS International Conference on Cognition and Exploratory Learning in the Digital Age* (pp. 282-289). ISBN: 978-989-8533-18-0

Gosselin, K., & Northcote, M. (2012, October). *Threshold concepts: Professional development about online teaching*. Paper presented at the Center for Research on Computer Supported Learning and Cognition Seminar, Sydney, NSW, Australia.

Gosselin, K., & Wyrick-Morgan, L. (2012, October). *Examining the Use of psychological skills training in recreational martial arts athletes*. Paper presented at the annual meeting of the Association of Applied Sport Psychology, Atlanta, GA.

Moore, B., Sorensen, B., **Gosselin, K.**, Pérez, A., & Ballard, J. (2012, March). *Influence of diet-related behaviors and perceived social norms on obesity in 8th and 11th grade students*. Paper presented at the annual conference of the Functional Foods and Bioactive Compounds in Health and Disease: Science and Practice, Santa Barbara, CA.

Gosselin, K. & Wyrick-Morgan, L. (2011, September). *The application of mixed methods research in counseling program evaluation*. Paper presented at the annual meeting of the Association for Assessment in Counseling and Education, Fort Worth, TX.

Gosselin, K. (2011, April). *Development and psychometric properties of the Online Teaching Self-Efficacy Inventory*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.

- Northcote, M., Beamish, P., Reynaud, D., Martin, T., & **Gosselin, K.** (2010, July). *Bumpy moments and joyful breakthroughs: The place of threshold concepts in academic staff development programs about online learning and teaching*. Paper presented at the Third Biennial Threshold Concepts Symposium, Sydney, Australia.
- Hamman, D., Wang, E., & **Gosselin, K.** (2010, April). *Confirmatory factor analysis of the New Teacher Possible Selves Questionnaire*. Paper presented at the annual meeting of the American Educational Research Association, Denver, CO.
- Moore B, Pérez A, Sorensen, W, **Gosselin, K**, Perez A, & Ballard J. (2010, March). *Diet motivations and body dissatisfaction among adolescent females*. Poster presented at the Alpha Chi National Scholarship Honor Society Convention, Little Rock, AK.
- Gosselin, K.** & Burley, H. E. (2008, May). *Faculty qualifications: An evaluation of developmental trends and attitudes within the professoriate in the online revolution*. Paper presented at the annual meeting of the Association for Institutional Research, Seattle, WA.
- Burley, H. E., **Gosselin, K.**, & Barnard, L. M. (2008, May). *Planned resilience: A preliminary model for predicting college outcomes*. Paper presented at the annual meeting of the Association for Institutional Research, Seattle, WA.
- Bunuan, R., Hamman, D., & **Gosselin, K.** (2008, February). *Describing the career related possible-selves of new teachers*. Paper presented at the annual meeting of the Southwest Educational Research Association, New Orleans, LA.
- Bunuan, R., Hamman, D., Stevens, T., & **Gosselin, K.** *Gender differences in adolescents' STEM-career possible selves* (2007, November). Paper presented at the annual meeting of the School Sciences and Mathematics Association, Indianapolis, IN.
- Lan, W., Cooper, S., Thomas, J., Narayan, R., Smajic, A., To, Y., Clem, D., Bunuan, R., **Gosselin, K.**, & Zaier, A (2007, April). *Identifying effective learning strategies to improve students' learning in mathematics*. Paper presented at the Texas Tech University College of Education Spring Research Conference, Lubbock, TX.
- Bunuan, R., **Gosselin, K.**, & Stevens, T. (2007, February). *Development of the college student well-being measure*. Paper presented at the annual meeting of the Southwest Educational Research Association, San Antonio, TX.

INSTITUTIONAL REPORTS

Contributor (April 2025)

PhD Program Report for Texas Higher Education Coordinating Board External Review, The University of Texas at Tyler School of Nursing.

Contributor (May 2024)

Program Catalog, Doctor of Nursing Practice to PhD Bridge Program, The University of Texas at Tyler School of Nursing.

Contributor (May 2017)

Research Investigator Manual, HonorHealth Research Institute

Contributor (March 2016)

National League for Nursing - Center of Excellence Application Report, Texas A&M University Health Science Center.

Contributor (December 2014)

Commission on Collegiate Nursing Education MSN Accreditation Report, Texas A&M University Health Science Center.

Contributor (February 2014)

College of Nursing Five Year (2014-2018) Strategic Plan, Texas A&M University Health Science Center.

Contributor (December 2013)

Commission on Collegiate Nursing Education BSN Accreditation Report, Texas A&M University Health Science Center.

Contributor (August 2008)

SACS-COC Third Monitoring Report, Texas Tech University.

Contributor (July 2008)

Core Essay Test Administration Summary, Texas Tech University.

GRANTS AND OTHER RESEARCH FUNDING

Phillips, C., **Gosselin, K.**, et al. (In review). *Storytelling Through Music at the End of Life (STM-EOL)*. Proposal in development for submission to the Himan Foundation (\$250,000). Role: Co-Investigator.

Gosselin, K., Gipson, C., Ladd, A., & Phillips, C. (In review). *Tuning into Learning: AI-Generated Music to Enhance Academic Performance, Engagement, and Satisfaction Across All Levels of Nursing Education*. Proposal under review for the National League for Nursing educational research grant program (\$30,000). Role: Principal Investigator.

Murley, B., **Gosselin, K.**, Haas, B., & Mama, S. (In review). Application of Multimodal Exercise Program for Day of Chemotherapy. Proposal under review for the NIH/NCCIH K23 Mentored Patient-Oriented Research Career Development Award (\$842,403). Role: Mentor

- Tsai, F., Zenhausern, F., **Gosselin, K.**, Haag, S., & Mirabella, A. (January 2020 – December 2021). *Virtual Reality Platform to Enhance Patient Education and Health Literacy*. Proposal funded by the Flinn Foundation (\$100,000). Role: Co-Investigator.
- Jameson, G., et al (September 2019 – October 2021). *A Phase II Trial of Nab-Paclitaxel plus C Gemcitabine in Patients with Previously Untreated Metastatic Pancreatic Ductal Adenocarcinoma*. Proposal sponsored by Celgene (\$302,249). Role: Co-Investigator.
- Mirabella, A., Jameson, G., & **Gosselin, K.** (July 2019 – June 2020). *Scalp Cooling in Patients with Pancreatic Cancer*. Proposal sponsored by Paxman, US (\$29,000). Role: Co-Investigator.
- Sharma, S., **Gosselin, K.**, & Soldi, R. (December 2018 – November 2020). *Development of Novel Methods to Rapidly Credential Combination Therapies for Incurable Colorectal Cancer using Next Generation Sequencing and Organoid Cultures from Patient*. Proposal funded by the Flinn Foundation (\$200,000). Role: Co-PI.
- Rizik, D., et al. (August 2018 – July 2021). *SYNERGY Stent® System Implantation with Mandatory Intravascular Ultrasound Guidance to Examine the Safety of Cessation of Dual Antiplatelet Therapy in High Bleeding Risk Patients at One Month (SYNIVUS-DAPT)*. Proposal funded by the Boston Scientific Corporation (\$699,435). Role: Statistician/Co-Investigator.
- Abrams, M., **Gosselin, K.**, Roth, C., & Satran, L. (March 2018 – February 2020). *Comparison of Phototherapy using Neolight Skylife versus Standardized Phototherapy for Hyperbilirubinemia in Newborns*. Proposal funded by the HonorHealth Research Institute (\$200,000). Role: Co-PI.
- Northcote, M., **Gosselin, K.**, McLoughlin, C., Rickards, T., et al. (January 2016 – December 2016). *Using Online Teaching Threshold Concepts in Transformative Professional Learning Curricula for Novice Online Educators*. Proposal funded by the Australian Government Office for Learning & Teaching Innovation and Development Grant Program (\$40,000). Role: Co-PI.
- Weston, C., Jones-Schubart, K., & **Gosselin, K.** (January 2016 – December 2016). *Simulation of a Pediatric Clinical Experience for Family Nurse Practitioner Students*. Proposal funded by the Texas A&M Health Sciences Center College of Nursing Research Development Program (\$5,000). Role: Co-Investigator.
- Holland, B., **Gosselin, K.**, & Mountain, A. (January 2015 – December 2016). *The Impact of High Fidelity, Innovative Simulation Experiences in Foundational Nursing Courses on Student Performance*. Proposal funded by the Texas Higher Education Coordinating Board Building Lab and Simulation Capacity Nursing Innovation Grant Program (\$127,219). Role: Co-PI.
- Gosselin, K.**, Gary, J., & Montalvo-Liendo, N. (September 2014 – August 2016). *Implementation of Innovative Approaches to Increase Baccalaureate Nursing Minority Student Access and Success*. Proposal funded by the Texas Higher Education Coordinating Board Minority Health Research and Education Grant Program (\$149,018). Role: Principal Investigator.

Haas, B., O'Shaughnessy, J., **Gosselin, K.**, Kimmel, G., & Osborne, C. (October 2012 – September 2013). *Effect of Exercise during Adjuvant Chemotherapy Infusion for Breast Cancer*. Proposal funded by the Baylor Healthcare System Foundation (\$147,800). Role: Co-Investigator.

Gosselin, K. (September 2012 – August 2013). *Online Teaching Self-Efficacy and Threshold Concepts in Faculty Development*. Proposal funded by the University of Texas at Tyler Internal Research Support Program (\$10,000). Role: Principal Investigator.

EDUCATIONAL PROGRAM DEVELOPMENT AND ADMINISTRATION

Bridging Ideas to Impact: A DNP–PhD Student Forum for Generating, Translating, and Applying Knowledge (2025)*

The University of Texas at Tyler School of Nursing, Tyler, TX.

*Approved for continuing nursing education contact hours.

PhD Professional Learning Communities Workshops (2024-25)

The University of Texas at Tyler, Tyler, TX

Nursing PhD Orientation and Workshop (2024, 2025)

The University of Texas at Tyler, Tyler, TX

Doctor of Nursing Practice to PhD Bridge Degree Program (2024)

The University of Texas at Tyler, Tyler, TX

Nurse Practitioner Clinical Trialist Training Program (2018, 2020)

HonorHealth Research Institute and City of Hope, Scottsdale, AZ and Duarte, CA

STEM High School Teacher and Student Bioscience “Bench to Classroom” Program (2017-20)

HonorHealth Research Institute and Scottsdale Unified School District, Scottsdale, AZ

Research, Quality Improvement, and Professional Development Resident Training Program (2017-19)

Workshop Link: [HonorHealth | ResQIPS](#)

HonorHealth, Scottsdale, AZ

Helios Scholar Translational Undergraduate Research Internship Director (2017-18)

HonorHealth Research Institute, Scottsdale, AZ and Translational Genomics Institute, Phoenix, AZ

Master of Nursing Science in Forensic Nursing Degree Program (2016)

Texas A&M University, College Station, TX

Master of Nursing Science in Education Degree Program (2016)

Texas A&M University, College Station, TX

Master of Science in Nursing – Family Nurse Practitioner (2016)

Texas A&M University, College Station, TX

TEACHING EXPERIENCE

Course Title	Course Code	Institution	Semester(s) & Year(s)
<i>Graduate Courses</i>			
Foundations of Statistics	NURS 6321	The University of Texas at Tyler	Spring 2025, 2026
Advanced Research Design	NURS 6337	The University of Texas at Tyler	Spring 2024
Advanced Multivariate Statistics	NURS 6342	The University of Texas at Tyler	Fall 2022, 2023, 2024, 2025
Dissertation	NURS 6160	The University of Texas at Tyler	Fall 2023 (two sections), Spring 2024 (two sections), Fall 2025 (two sections); Spring 2026 (two sections)
Scholarship: Integration & Application	NURS 552	Texas A&M University	Fall 2015, Fall 2016
Mixed Methods Research	NURS 6382	The University of Texas at Tyler	Spring 2013
Sport Psychology	KINE 5320	The University of Texas at Tyler	Summer 2012
Advanced Study in Human Growth and Development	PSYC 5320	The University of Texas at Tyler	Summer 2012
Advanced Statistics	NURS 6322	The University of Texas at Tyler	Spring 2011, 2012, 2023, 2024
Translational Science I	NURS 5301	The University of Texas at Tyler	Spring 2026
Graduate Statistics for Health Professionals	NURS 5341	The University of Texas at Tyler	Spring & Fall 2011; Spring & Fall 2012; Spring 2013
Biometric Methods	HECC 5317	The University of Texas at Tyler	Spring & Fall 2011; Spring 2012
Data Management	NURS 6320	The University of Texas at Tyler	Fall 2011, Fall 2012
Introduction to Educational Statistics	EPSY 5380	Texas Tech University	Summer & Fall 2009; Spring & Summer 2010
<i>Undergraduate Courses</i>			
Evidence-Based Practice for Nurses	NURS 411	Texas A&M University	Spring 2014, Fall 2016
Adolescent Development	EDP 363M	The University of Texas at Austin	Spring 2010
Schooling and the Adolescent	EDSE 4310	Texas Tech University	Spring & Summer 2008
<i>Post-Doctoral Courses</i>			
Research Writing I	ADE 8080	A.T. Still University	Fall 2018
Research Writing II	ADE 8081	A.T. Still University	Spring 2019

SERVICE TO THE COMMUNITY & PROFESSION

Reviewer (2024)

Research and Theory for Nursing Practice, Springer Publishing - New York, NY

Reviewer (2023)

H.J.N. Taub & J.K. Alexander Medical Student Research Symposium - Houston, TX

Reviewer (2016)

Texas A&M University Health Science Center Internal Research Grant Award Program - Bryan, TX

Reviewer (2013)

Sigma Theta Tau International Research Grant Award Program - Indianapolis, IN

Reviewer (2011)

Association for Applied Sport Psychology: Conference Abstracts in Research Methods and Statistics - Atlanta, GA

Member (2010-13)

Nexus Consortium for Doctoral Education in Nursing Advisory for Quantitative Research Methods and Statistical Analysis – Portland, OR

INVITED PRESENTATIONS

Advanced Qualtrics Techniques: Dynamic Survey Design, Automation, and Analytical Insights. A Presentation to School of Nursing students, faculty, and staff - Tyler, TX (2026).

New Technologic Advances in Nursing Practice and Education. Moderated panel and presentation to the School of Nursing faculty and staff – Tyler, TX (2025).

Nursing Education Research Roundtable: Questions, Innovations, and Directions. PhD student workshop presentation at The University of Texas at Tyler, Tyler, TX (2025).

Leveraging Semantic Few-Shot Learning for Qualitative Data Analysis. A Presentation to School of Nursing students, faculty, and staff - Tyler, TX (2025).

Successfully Navigating a PhD Program: A Guide for New PhD Student. PhD workshop presentation to students and faculty at The University of Texas at Tyler, Tyler, TX (2024 & 2025).

The Influence of Music: A Randomized Controlled Study on Anxiety, Self-Efficacy, and Performance for Nursing Students undergoing Simulation Testing. A Presentation to School of Nursing students, faculty, and staff - Tyler, TX (2024).

Dissertation and Academic Writing Strategies. PhD workshop presentation to students and faculty at The University of Texas at Tyler, Tyler, TX (2024).

Mixed Methods Research Designs. Presentation to cardiovascular fellows at HonorHealth – Scottsdale, AZ (2023).

Barriers and Solutions to Research Engagement: Aligning Research Questions and Designs. Presentation to the School of Nursing Ph.D. students and faculty at the University of Texas at Tyler – Tyler, TX (2023).

Quantitative Research: Compare and Contrast Common Study Designs used in Quantitative Research. Website resource video presentation for the Baylor College of Medicine Educational Research Mini-Series Webpage – Houston, TX (2023).

Quantitative Research: Define Reliability and Differentiate Types of Reliability (Inter-Rater, Test-Retest, Internal Consistency). Website resource video presentation for the Baylor College of Medicine Educational Research Mini-Series Webpage – Houston, TX (2023).

Qualitative Research: Identify when a Research Question is Appropriate for Qualitative Study. Website resource video presentation for the Baylor College of Medicine Educational Research Mini-Series Webpage – Houston, TX (2023).

Barriers and Solutions to Research Engagement. Presentation to the Education, Technology, and Innovation faculty at Baylor College of Medicine – Houston, TX (2023).

Recognizing Faculty Burnout and Exploring Solutions. Faculty learning community presentation sponsored by the University of Texas at Tyler Center for Excellence in Teaching and Learning, Tyler, TX (2023).

Working Smarter, not Harder: Integrating Educational Research & Scholarship into Existing Efforts. Professional development workshop to faculty, staff, and students at Baylor College of Medicine, Houston, TX (2023).

A Primer on Sample Size Determination and Interpreting Statistical Findings in Educational Research. Professional development workshop to faculty, staff, and students at Baylor College of Medicine, Houston, TX (2023).

Navigating Authorship and Authorship Order in the World of Educational Research. Professional development workshop to faculty, staff, and students at Baylor College of Medicine, Houston, TX (2023).

Survey Design: The Basics. Professional development workshop to faculty, staff, and students at Baylor College of Medicine, Houston, TX (2023).

Interpreting Statistics. Presentation to cardiovascular fellows at HonorHealth – Scottsdale, AZ (2022).

Technology Applications to Improve Learning and Patient Outcomes. Presentation to volunteer staff of HonorHealth – Scottsdale, AZ (2020).

- Graduate Education and Active Learning in Face-to-Face and Online Settings: What Works and When?* Presentation to the faculty, students, and staff of A.T. Still University – Mesa, AZ and Kirksville, MO (2019).
- Overview of Qualitative Research in Education and Healthcare.* Presentation to the HonorHealth Nursing Research Committee – Scottsdale, AZ (2018).
- Applied Population Research with the Scottsdale Fire Department and HonorHealth Research Institute.* Workshop for the Scottsdale Unified School District Excellence in Bioscience Teacher Initiative – Scottsdale, AZ (2017).
- An Introduction to Applied Biostatistics: Hypothesis Testing, Effect Size, and Power.* Presentation at the 2017 Academic Workshop for Research and Quality Projects sponsored by HonorHealth – Scottsdale, AZ (2017).
- Ideas to Application: The Essentials of Mixed Methods Research Designs.* Opening keynote address at the eighth Annual 2016 Nursing Research Festival sponsored by HonorHealth, Banner Health, and Dignity Health – Mesa, AZ (2016).
- Examples and Applications of Mixed Methods Research.* Endnote session speaker at the 8th Annual 2016 Nursing Research Festival sponsored by HonorHealth, Banner Health, and Dignity Health – Mesa, AZ (2016).
- The Uses and Misuses of Statistics: A Practical Overview.* Guest lecture to graduate students in The School of Public Health at Texas A&M University enrolled in *Clinical Translational Research* – College Station, TX (2016).
- Ideas to Execution and Dissemination: Nuts and Bolts of Research and EBP Projects.* Co-keynote speaker (with Dr. Bernadette Melnyk) at the 2015 Annual Research Symposium sponsored by the Lehigh Valley Healthcare Network – Allentown, PA (2015).
- Applying Mixed Methods Research Designs in Complex Healthcare Environments.* Closing session speaker at the 2015 Annual Research Symposium sponsored by the Lehigh Valley Healthcare Network – Allentown, PA (2015).
- Tools for Success in Graduate Education.* Presentation to graduate students in the College of Nursing at Texas A&M University Health Science Center attending graduate new student orientation – Bryan, TX (2015).
- The Misuses of Statistics.* Guest lecture to undergraduate students in the College of Nursing at Texas A&M University Health Science Center enrolled in *Evidence-Based Practice* – Bryan, TX (2015).
- Introduction to Mixed Methods.* Presentation at the Annual Conference of the American Nursing Credentialing Center's Research Symposium sponsored by the American Nurses Association – Dallas, TX (2014) & Atlanta, GA (2015).

- Threshold Concepts in Online Teaching.* Presentation at the Lunch and Learn Lecture Series on behalf of West Chester University of Pennsylvania – West Chester, PA (2014).
- Identified Threshold Concepts in Online Teaching: Report from a Five-Year Multiphase Project.* Presentation to faculty, staff, and students on behalf of the Texas A&M University Health Science Center Visiting Scholars Lecture Series – Bryan, TX (2014).
- Applications, Interpretations, and Evaluations of Biostatistics in Translational Clinical Research.* Guest lecture to graduate students in The School of Public Health at Texas A&M University enrolled in *Clinical Translational Research* – College Station, TX (2014).
- Exercise Psychology: The Link between Theory and Application in Exercise Adherence.* Presentation to faculty and students on behalf of the Texas Woman's University Department of Kinesiology – Denton, TX (2013).
- Hypothesis Testing, Effect Size, and Statistical Power.* Presentation to graduate students on behalf of the University of Texas at Tyler Ph.D. Summer Workshop – Tyler, TX (2012 & 2013).
- Mixed Methods Research Designs.* Presentation to graduate students on behalf of the University of Texas at Tyler Ph.D. Summer Workshop – Tyler, TX (2011, 2012 & 2013).
- Perspectives on Statistics: Using Music Pedagogy to Reduce Anxiety and Facilitate Learning.* Presentation to graduate students on behalf of the University of Texas at Tyler Ph.D. Summer Workshop – Tyler, TX (2012).
- Implementing Mixed Methods Designs for Educational Researchers: A Musical Perspective.* Workshop presentation to faculty, students, and staff on behalf of the Avondale College of Higher Education Research Series – Cooranbong, New South Wales, Australia (2012).
- Measurement and Evaluation of Online Teaching Self-Efficacy in Postsecondary Education.* Workshop presentation to the School of Education and Research faculty and staff on behalf of the Avondale College of Higher Education Seminar Series – Cooranbong, New South Wales, Australia (2012).
- Threshold Concepts: Professional Development about Online Teaching.* Presentation to faculty, students, and staff at the Avondale College of Higher Education Research Colloquium – Cooranbong, New South Wales, Australia (2012).
- What is Academic Integrity?* Presentation to faculty, staff, school counselors, and Smith County high school students on behalf of the University of Texas at Tyler 2nd Annual Emerging Leaders Conference – Tyler, TX (2011).
- Lights, Camera, Capture: Nursing Education with a Twist.* Presentation to nursing faculty on behalf of the University of Texas at Tyler Research Forum – Tyler, TX (2011).

Cognitive Information Processing, Encoding, and Mnemonic Strategies: Implications for Instructors. Presentation to faculty and students on behalf of the University of Indiana – Kokomo School of Education – Kokomo, IN (2009).

Online Instruction and Learning. Presentation to faculty, graduate students, and staff on the behalf of the Texas Tech University College of Education Research Committee – Lubbock, TX (2008).

INSTITUTIONAL SERVICE

COMMITTEE SERVICE

The University of Texas at Tyler

Member, Nursing PhD Curriculum Committee (2023-current; **Chair** from 2024-25)

Member, PhD Admissions Committee (2023-current; **Chair** from 2024-25)

Member, University Research Council (2023-current)

Member, School of Nursing Governance Council (2023-current)

Member, School of Nursing Dean Search Committee (2026)

Member, University Hearing Tribunal (2024-25)

Chair, Doctoral Preliminary Exam Committee (2024, 2025)

Senator at Large, Faculty Senate (2024-25)

Member, School of Nursing Tenure-Track Faculty Member Search Committee (2024-25)

Member, School of Nursing Full Professor Search Committee (2024)

Member, School of Nursing Assistant/Associate Professor Search Committee (2024)

Chair, PhD Statistics Course Sequence Curriculum Committee (2024)

Guest Member, Qualtrics Renewal Taskforce (2024)

Member, Sub-Committee for Faculty Research Incentive (2023-24)

Member, Faculty Emeritus Committee (2023-24)

Co-Facilitator, Center for Excellence in Teaching and Learning Faculty Learning Cohort on Faculty Burnout (2023-24)

Member, School of Nursing Administrative Research Assistant Search Committee (2023)

Co-Chair, Online Teaching and Learning Taskforce (2013)

Member, Admissions and Progression Committee (2013)

Member, Institutional Review Board (2012-13)

Member, Faculty Affairs Committee (2012-13)

Senator, Faculty Senate (2012-13)

Chair, Doctoral Oversight Committee (2011-13, **Member** from 2010-11)

Member, Dissertation Award Subcommittee (2011-13)

Member, Graduate Studies Committee (2010-13)

Member, Faculty Hearing Panel (2011-12)

Member, Graduate Student Affairs Committee (2010-12)

HonorHealth

Chair, Research Strategy Committee (2017-21)

Member, Leadership Operations Committee (2017-21)

Member, Oncology Faculty Research Committee (2017-21)

Member, Cardiovascular Research Committee (2017-21)

Member, HonorHealth Institutional Review Board (2017-20)

Vice-Chair, Graduate Medical Education Committee for Research, Quality Improvement, and Patient Safety (2017-19)

Texas A&M University

Member, University Grievance Committee (2016-17)

Member, TAMU Data Sciences Task Force and Steering Committee (2016-17)

Member, College of Nursing Bylaws Committee (2016-17)

Member, College of Nursing Faculty Search Committee (2015-17)

Member, Academic Promotion and Tenure (APT) Committee (2015-17; **Chair** from 2013-15)

Member, Health Science Center Senior Vice President Search Committee (2015-16)

Member, Commencement Committee (2015-16)

Member, Total Program Evaluation Committee (2015-16)

Member, Faculty Affairs Committee (2015-16)

Member, TAMUHSC Team Science Task Force (2015-16)

Member, Faculty Development and Leave Committee (2014-15)

Member, Diversity Leadership Committee (2014-15)

Member, Education for Healthcare Professionals Committee (2014)

Chair, Quality Enhancement Plan Steering Committee (2013-15)

Member, Texas A&M University Research Council (2013-15)

Member, Research Committee (2015-17; **Chair** from 2013-15)

Member, College of Nursing Executive Committee (2013-16)

Chair, Graduate Curriculum Committee (2015-16; **Member** from 2013-15)

Member, Admissions-Progressions-Graduation (APG) Committee (2013-15)

Representative, One Health Grand Challenge Council (2013-15)

Member, TAMHSC *CARE* (Critically Appraise Relevant Evidence) Committee (2013-14)

Member, College of Nursing Associate Dean for Academic Affairs Search Committee (2013)

Member, College of Nursing Communications Director Search Committee (2013)

Texas Tech University

Doctoral Student Member, Southern Association of Colleges and Schools Commission on Colleges Task Force (2008-09)

UNDERGRADUATE HONOR'S THESIS COMMITTEES AND SCHOLARLY PROJECTS

Arizona State University

Richard Li., B.S. in Biomedical Engineering, "A retrospective investigation to assess the potential application of predictive machine learning algorithms in oncology clinical trials." (Degree awarded in 2019)

The University of Texas at Tyler

Kaitlyn West, BSN in Nursing, "Reducing Anxiety and Enhancing Performance in Nursing using Music and Movement." (Degree awarded in 2025)

Alicia Gouvea and Lizbeth Romo, BSN in Nursing, "Validation of the Self-Efficacy for Sleep Hygiene Inventory in Young Adult College Students." (Degrees awarded in 2024).

MASTER'S THESIS COMMITTEES

The University of Texas at Tyler

Bradley Fenter, M.S. in Kinesiology, "The effect of a three-set tennis match on knee kinematics and quadriceps activation during the tennis serve." (Degree awarded in 2012)

Brianna Moore, M.S. in Health Science, "Influence of diet-and weight-related behaviors and social norms on obesity in Texas eighth grade adolescents." (Degree awarded in 2012)

DOCTORAL DISSERTATION COMMITTEES

Texas A&M University

Terri Menser, Ph.D. in Health Services Research, "The effect of care coordination on organizational outcomes." (Degree awarded in 2016)

The University of Texas at Tyler

Heather McIntyre, Ph.D. in Nursing, "Improving the evacuation safety of mental health patients during hospital evacuations." (In progress)

Nikiruka "Helen" Kimble, Ph.D. in Nursing, "Examining nurses' knowledge and preparedness when communicating with deaf and hard-of-hearing patients." (In progress)

Lucas Farris, Ph.D. in Nursing, "Development and evaluation of a mindfulness intervention in simulation debriefing for nursing students." (In progress)

Hillary Oliver, Ph.D. in Nursing, "Exploration of faculty credentialing in institutions of higher education." (In progress)

Tammie Petersen, Ph.D. in Nursing, “Barriers to Participating in Physical Activity among College Students.” (In progress)

Autumn Ladd, Ph.D. in Nursing, “Implementing and assessing competency-based educational interventions for nursing faculty: A mixed methods study.” (In progress)

Jennifer Hull, Ph.D. in Nursing, “A quasi-experimental pretest-posttest study to evaluate the impact of a faculty development program on nurse educator competence and self-efficacy.” (Degree awarded in 2026)

Alicia Mott, Ph.D. in Nursing, “Barriers and facilitators of diabetes educational knowledge retention among Black women: An exploratory sequential mixed method study of Black diabetes educators.” (Degree awarded in 2026)

Annissa Jackson, Ph.D. in Nursing, “Developing clinical judgement in nursing students using discourse with meaningful feedback.” (Degree awarded in 2025)

Caleb Armstrong, Ph.D. in Nursing, “Development and exploratory factor analysis of the Surrogate Decision Maker Trust Scale.” (Degree awarded in 2025)*
***Awarded outstanding dissertation of the year, 2024-25**

Cindy Mendez, Ph.D. in Nursing, “Modifiable health disparities and cardiovascular disease risk factors in Latino migrant seasonal farmworkers: A meta-analysis.” (Degree awarded in 2023)

Angela Lackey, Ph.D. in Nursing, “Transcending trauma through self-reflection: an analysis of military nurses post-deployment.” (Degree awarded in 2022)

Alison Pittman, Ph.D. in Nursing, “Examination of fitness tracking devices in promoting exercise in adolescent student populations.” (Degree awarded in 2017)

Lisa Harless, Ph.D. in Nursing, “Exploration of factors affecting nurse faculty use or resistance to online education.” (Degree awarded in 2016)

Joseph Tacy, Ph.D. in Nursing, “Technostress in nurse faculty: Examination of coping strategies.” (Degree awarded in 2015)

Deborah Crumpler, Ph.D. in Nursing, “Critical care nurses intention to speak-up about patient safety concerns: The influence of beliefs and attitudes according to the Theory of Planned Behavior.” (Degree awarded in 2015)

Stephanie Hills, Ph.D. in Nursing, “Impact of text messaging on diabetic foot self-care behaviors using a single case design.” (Degree awarded in 2014)

Mary Winton, Ph.D. in Nursing, “Health and healthcare perceptions among Korean immigrants in rural Texas.” (Degree awarded in 2014)

Donald Johnston, Ph.D. in Nursing, “Man to man: Perspectives on being the father of a very-low-birth-weight infant.” (Degree awarded in 2013)

Carol Andrews, Ph.D. in Nursing, “Evaluation of an innovative program to improve outcomes among military beneficiaries with diabetes.” (Degree awarded in 2013)

Diane Barber, Ph.D. in Nursing, “Exploring the relationships among social support, self-efficacy for physical activity, physical activity behavior, and quality of life in adult cancer survivors and their caregivers: A mixed methods study.” (Degree Awarded in 2012)

Jenifer Chilton, Ph.D. in Nursing, “Effect of the *Total Girl Wellness Program* on wellness behaviors in adolescent females.” (Degree awarded in 2012)

Carmon Weekes, Ph.D. in Nursing, “Effect of a multimedia intervention on outcome expectations and perceived self-efficacy for the sex educator role for parents/caregivers of African American adolescent males.” (Degree awarded in 2012)

VISITING SCHOLARS SUPERVISED

Maria Northcote (Fall 2014). Associate Professor in the Faculty of Education, Business, and Science at Avondale College of Higher Education, Cooranbong, NSW, Australia.

Jack Seddon (Fall 2014). Lecturer, Research Associate, and Doctoral Candidate in the Faculty of Arts and Sciences at Edith Cowen University, Joondalup, WA, Australia.

OTHER SUPERVISED EXPERIENCES

HonorHealth Research Institute

Richard Li, Undergraduate Helios Scholar at the Translational Genomics Institute in Biomedical Research, “Single cell RNA sequencing of pancreatic cancer.” (Project completed in 2017)

HONORS AND AWARDS

Higher Education Research & Development Society “*Threshold concepts about online pedagogy for novice online teachers*” Article of the Year Award, Recipient (2020)

Taylor & Francis/Routledge, Abington, UK

Nursing Education Perspectives Research Brief, “*Meeting Texas Nursing Workforce Needs Through Recruitment and Retention Initiatives*” Honorable Mention, Recipient (2019)

Nursing Education Perspectives & National League for Nursing, Washington, DC

AIAMC Innovation Award for Medical Education and Research, Co-Recipient (2019)

Alliance of Independent Medical Investigators, Tucson, AZ

Draegar Literary Award, Co-Recipient (2015)
American Respiratory Care Foundation, Irving, TX

Distinguished Research Award, Co-Recipient (2013)
Association of Teacher Educators – Manassas, VA

Outstanding Distance Learning Faculty, Recipient (2012)
Northeast Texas Consortium of Colleges and Universities – Tyler, TX

Services for Students with Disabilities Faculty Appreciation Award, Recipient (2010)
The University of Texas at Austin – Austin, TX

Graduate School Outstanding Dissertation Award, 1st Place Winner (2010)
Texas Tech University – Lubbock, TX

Outstanding Doctoral Dissertation Award, Recipient - Recognition of Merit (2010)
Phi Delta Kappa International - Bloomington, IN

MEDIA COVERAGE

Military Families Learning Network Blog, “The Power of Music.” November 29, 2018. Available at <https://militaryfamilieslearningnetwork.org/2018/11/29/33525/>.

Military Families Learning Network Podcast, “Leverage the Power of Music to Improve Performance.” November 26, 2018. Available at <https://Militaryfamilieslearningnetwork.org/podcast/leverage-the-power-of-music-to-improve-performance/>.

Vital Record, Texas A&M University Health Science Center, “Combating Stage Fright with Music.” November 16, 2015. Available at <https://news.tamhsc.edu/?post=combating-stage-fright-with-music>

Dallas Life, The Dallas Morning News, “Keys to Heavenly Peace: How to Ease Holiday Stress.” December 8, 2014. Available at https://www.heraldextra.com/momclick/health-and-fitness/keys-to-heavenly-peace-how-to-ease-holiday-stress/article_a9b33d0f-825d-5fa4-a5c8-7b9d2abf78d1.html

Vital Record, Texas A&M University Health Science Center, “Harnessing Anxiety: Research Looks at Optimal Performance in Health Care.” November 5, 2014. Available at <https://news.tamhsc.edu/?post=harnessing-anxiety-research-looks-for-optimal-performance-in-health-care>

Vital Record, Texas A&M University Health Science Center, “College of Nursing Welcomes International Leaders in Educational Advancement for Lecture Series.” September 24, 2014.

Available at <https://news.tamhsc.edu/?post=college-of-nursing-to-welcome-international-leaders-for-educational-advancement>

Vital Record, Texas A&M University Health Science Center, “Nursing Faculty Explore Flipped Classroom and Effect on Student Outcomes.” November 4, 2013. Available at <https://news.tamhsc.edu/?post=nursing-faculty-explore-flipped-classroom-and-effect-on-student-outcomes>

Vital Record, Texas A&M University Health Science Center, “Researchers Suggest Tips to Fight Fear of Breast Cancer Diagnosis.” October 9, 2013. Available at <https://news.tamhsc.edu/?post=researchers-suggest-tips-to-fight-fear-of-breast-cancer-diagnosis>

Centre for Research on Computer Supported Learning and Cognition Report, The University of Sydney, “Threshold Concepts: Professional Development about Online Teaching.” October 10, 2012. Available at http://sydney.edu.au/education_social_work/news_events/events/2012/threshold-concepts.shtml

Reflections Issue 22, Volume 2, Avondale College, “Online Technologies Enrich Learning and Teaching.” Spring, 2010. Available at <https://wp.avondale.edu.au/reflections/2011/02/18/online-technologies-enrich-learning-and-teaching/>

Texas Tech Today, “Education Professor Receives International Recognition.” February 17, 2010. Available at <http://today.ttu.edu/2010/02/education-professor-receives-international-recognition/>

OTHER PROFESSIONAL EXPERIENCE

Visiting Scholar (Fall, 2012)

Avondale University – Cooranbong, New South Wales, Australia

Adjunct Instructor, Adolescent Development (January 2010 – May 2010)

The University of Texas at Austin – Austin, TX

Program Evaluator (Consultant) (January 2008 – October 2009)

The Community Health Center of Lubbock - Lubbock, TX

Graduate Teaching Assistant, Introduction to Educational Statistics (August 2008 – December 2008)

Data Analyst, Office of the Provost, Planning & Assessment (January 2008 – August 2008)

Graduate Instructor, Schooling and the Adolescent (January 2008 – July 2008)

Grant Coordinator, 21st Century Learning Communities (January 2007 – December 2007)

Graduate Research Assistant (September 2006 – December 2008)

Supervising Faculty: Drs. Hansel E. Burley, Doug Hamman, and Valerie O. Paton

Texas Tech University – Lubbock, TX

Operations Guest Services Manager (August 2003 – July 2005)

Walt Disney World Hospitality and Recreation Corporation - Orlando, FL