

FACULTY CURRICULUM VITAE

Nico Steel Osier
Clinical Associate Professor

The University of Texas at Austin (UT Austin)
School of Nursing (SON)

EDUCATION

BS	Michigan State University (MSU), East Lansing, MI, Nutritional Science	2008
BSN	MSU, East Lansing, MI, Nursing	2010
PhD	University of Pittsburgh (UPitt), Pittsburgh, PA, Nursing/Genomics <i>Dissertation: Characterizing the Melatonergic System After Brain Injury</i> PhD Mentors: Dr. Sheila Alexander PhD, RN & Dr. C. Edward Dixon, PhD	2016
Post-Doc	National Institutes of Health, Bethesda, MD, Nursing/-Omics Postdoctoral Mentor: Jessica Gill, PhD, RN	2017

LICENSURE

Registered Nurse (MI, 2010 - 2011)

Registered Nurse (PA, 2011 - 2018)

Registered Nurse (TX, 2017-present)

PROFESSIONAL EXPERIENCE

The University of Texas at Austin (UT Austin), School of Nursing (SON)

Assistant Professor, Holistic Adult Health Division	2017 - 2022
Director, Biobehavioral Core of St. David's CHPR	2017 - 2022
Clinical Assistant Professor, Holistic Adult Health Division	2022 - Present

The University of Texas at Austin, Dell Medical School

Assistant Professor, Department of Neurology	2017 - 2022
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CITATION METRIC TRACKING – Profiles

Google Scholar: <https://scholar.google.com/citations?user=ic9IMYUAAAAJ&hl=en&oi=ao>

Researcher ID: <https://www.webofscience.com/wos/author/record/Q-7913-2017>

Research Gate: <https://www.researchgate.net/profile/Nico-Osier>

Academia.edu: <https://independent.academia.edu/NicoOsier>

ORCID: <https://orcid.org/0000-0002-2903-6774>

FELLOWSHIPS, HONORS, AWARDS, AND NOMINATIONS

Awardee: Nursing Endowed Scholarship, MSU College of Nursing (CON)	2009
Awardee: Karen Cooper Memorial Scholarship, National Mensa Organization	2009
Awardee: Maron Stewart Scholarship, Mid-Michigan Mensa Chapter	2009
Inductee: Sigma Theta Tau International (STTI)	2010
Awardee: MSU Graduate Office Fellowship, MSU	2010
Awardee: Gilbert & Leona Schumann Scholarship, MSU CON	2010
Awardee: Graduate Fellowship, MSU CON	2010
Awardee: Rasmussen Graduate Fellowship, MSU	2010
Awardee: Summer Support Fellowship, MSU CON	2011
Fellow: Summer Genetics Institute, National Institute of Nursing Research (NINR)	2012
Awardee: Margaret Wilkes Scholarship, UPitt School of Nursing (SON)	2012
Awardee: Margaret Wilkes Scholarship, UPitt SON	2013
Fellow: Big Data Boot Camp, NINR	2014
Winner: My 2020 Vision, American Association of Colleges of Nursing (AACN)	2015
Inductee: Leadership Council, AACN Graduate Student Nursing Academy	2015
Awardee: Ruth Perkins Kuehn Award, STTI Eta Chapter	2016
Awardee: Rising Star of Research & Scholarship, STTI	2016
Awardee: Biennial Rising Star, STTI Eta Chapter	2016
Awardee: National Neurotrauma Society Travel Grant	2016
Awardee: Summer Mentor Award, National Institutes of Health	2016
Fellow: Translational Science Training Program, NIH	2017
Fellow: Young Investigators Colloquium, American Psychosomatic Society	2017
Fellow: NextProf Science 2017, University of Michigan	2017
Fellow: Emerging Nurse Scholars Forum, Bloomberg School of Nursing	2017
Awardee: Recent Graduate Achievement Award, MSU	2017
Awardee: Rising STARS Award, University of Texas System	2017-21
Awardee: Nursing Section Travel Grant, Society for Critical Care Medicine (SCCM)	2018
Awardee: Professional Development Award, SCCM Texas Chapter	2018
Fellow: Digital Innovation Bootcamp, Apple & AACN	2018

Awardee: Outstanding Young Graduate Award, UPitt	2018
Awardee: Faculty Travel Grant, UT Austin	2018-19
Awardee: Apple Teacher Certification	2019
Ambassador: Experiential Learning Initiative, UT Austin	2019-20
Observed Faculty: Eyes of Texas Teaching, UT Austin	2019
Awardee: Mezes Award, UT Austin	2019
Awardee: Best in Class Lab Nurse, Recognizing Nurses, Austin American Statesman	2019
Honorable Mention: Dean's Excellence for Outstanding Teaching, UT Austin SON	2019
Awardee: Dean's Excellence Awards For Outstanding Writing, UT Austin	2019
Awardee: Faculty Travel Grant, UT Austin	2019-20
Invited Participant: Writing and Ethics Flag Instructor Retreat, UT Austin	2020
Awardee: Innovations in Teaching Award, UT Austin SON	2020
Awardee: Faculty Travel Grant, UT Austin	2020-21
Awardee: Smith Centennial Fellowship, UT Austin School of Nursing (SON)	2020-21
Fellow: Provost's Teaching Fellows, UT Austin	2020-23
Observed Faculty: Online Teaching Days, UT Austin	2021
Awardee: Diversity and Inclusion Award, UT Austin SON	2021
Awardee: Faculty Travel Grant, UT Austin	2021-22
Observed Faculty: Online Teaching Days, UT Austin	2022
Awardee: Affordable Education Champion, UT Austin	2022
Invited Participant: Student Engagement Learning Community, UT Austin	2022
Awardee: Innovations in Teaching Award, UT Austin SON	2022
Awardee: Accessibility Champion, UT Austin Disability & Access	2022
Awardee: Faculty Travel Grant, UT Austin	2022-23
Member: Open Educational Resources Instructor Learning Community, UT Austin	2022-23
Fellow: Open Education Fellows, UT Austin	2023-24
Observed Faculty: Texas Teach Up, UT Austin	2023
Awardee: Faculty Travel Grant, UT Austin	2023-24
Awardee: Outstanding Service Award, Texas Blazers Pillar Awards, UT Austin	2023
Awardee: Accessibility Champion, UT Austin Disability & Access	2024

Observed Faculty: Texas Teach Up, UT Austin	2024-25
Awardee: Faculty Travel Grant, UT Austin	2024-25
Awardee: Outstanding 25 Texas Nurses, Texas Nurses Association	2024
Invited Member: Rise to Health Coalition, Institute for Healthcare Improvement	2024
Nominee: Cale McDowell Award, UT Austin	2024

COMPLETED RESEARCH GRANTS

Sponsored (External) Research Funding

Principal Investigator (The University of Pittsburgh):

- 2014-2015 *Mechanism of Melatonin-Induced Neuroprotection After Traumatic Brain Injury*, Walter L. Copeland Fund of the Pittsburgh Foundation. \$10,000 direct costs. 6 publications, 9 presentations.
- 2014-2015 *Effect of Genotype on Response to Melatonin Therapy in Traumatic Brain Injury*, International Society for Nurses in Genetics. \$2,500 direct costs. 6 publications, 8 presentations.
- 2014-2016 *Melatonin Dose Response in Mice Following Traumatic Brain Injury Effects of Melatonin on Functional Outcomes in a Mouse Model of Brain Injury*, Sigma Theta Tau International Eta Chapter. \$2,500 direct costs. 7 publications, 9 presentations.
- 2014-2016 *Melatonin Dose Response in Mice Following Traumatic Brain Injury*, Neurotrauma Nursing Foundation and the American Association of Neuroscience Nursing. \$8,435 direct costs. 7 publications, 9 presentations.
- 2014-2016 *Mechanism of Melatonin-induced Neuroprotection in Traumatic Brain Injury (F31NR014957)*, NIH F31. \$85,352 total costs. 10 publications, 10 presentations.
- 2015-2016 *Melatonin Dose Response in Mice Following Traumatic Brain Injury*, Walter L. Copeland Fund of the Pittsburgh Foundation. \$8,000 direct costs. 6 publications, 7 presentations.

Principal Investigator (The University of Texas at Austin):

- 2018-2019 *Exploring Interleukin (IL)-15, and IL-33 Levels in Traumatic Brain Injury: Potential for Injury Diagnosis and Psychiatric Symptom Prognosis*, Heilbrunn Family Center for Nursing Research. \$25,000 direct costs.
- 2018-2020 *Strategic Biobanking and -Omic Analysis of 2 Neurological Cohorts to Understand Mechanisms of Sleep, Fatigue, Pain, & Affective Wellbeing*. The National Institutes of Health Loan Repayment Program. The National Institute of Nursing Research. \$27,083.24 total costs.

Trainee (The University of Pittsburgh):

- 2011-2014 NINR T32 (PI: Conley). *Targeted Research and Academic Training of Nurses in Genomics (T32NR009759)*, NIH T32. \$2,087,829 total costs. 11 publications, 11 presentations.

Consultant (The University of Texas at Austin):

2019-2020 NINDS F32 (PI: Von Leden). *Mechanisms Underlying Addiction To Cocaine After Traumatic Injury To The Developing Rodent Brain*. \$61,226 direct costs.

Internal Research Funding**Principal Investigator:**

2014-2015 A Pre-Clinical Study of the Effects of Melatonin Therapy on Symptoms following Acute Brain Injury, University of Pittsburgh School of Nursing Wilkes Fund. \$5,083 direct costs. Principal Investigator. 4 presentations.

2018-2021 An exploratory study of allostatic load and its impact on response to an 8-week self-management program for multiple sclerosis, TCRSS/NINR P30. \$40,000 direct costs. 1 publication, 1 presentation.

2018-2022 Inflammatory proteins after pediatric TBI: A biobanking feasibility study. St. David's Center for Health Promotion and Disease Prevention Research in Underserved Populations. \$30,000 direct costs. 2 publications.

Other Awards or Contracts**Principal Investigator:**

2018-2019 The Green Fund Grant Program. \$1,000 direct costs.

2019 Summer Research Support. University of Texas at Austin. \$10,000 direct costs.

2022 Research Reboot, UT Austin, \$10,000 in direct costs (funds returned).

COMPLETED EDUCATION GRANTS

2018 Faculty Innovation Center Microgrant, University of Texas at Austin, Q-Ball microphone purchased. \$500 direct costs.

2020 Signature Course Development Funds. \$1500 direct costs.

2023 Signature Course Development Funds. \$1500 direct costs.

PUBLICATIONS – Published

Students: [§ = Graduate student; £ = gap year research assistant; ¥ = undergraduate student]

Data-Based: [* = data-based]

Open Access: [^ = open access]

Correspondence: [‡ = corresponding author]

Peer-Reviewed Articles Published in Scholarly Journals

- ^*†Stommel, M., & Osier, N. (2013). Temporal Changes in Bias of Body Mass Index Scores Based on Self-Reported Height and Weight. *International Journal of Obesity*, 37(3), 461-467. doi: 10.1038/ijo.2012.67.
- ^Bondi, C. O., Semple, B. D., Noble-Haeusslein, L. J., Osier, N. D., Carlson, S. W., Dixon, C. E., Giza, C. C., & †Kline, A. E. (2015). Found in Translation: Understanding the Biology and Behavior of Experimental Traumatic Brain Injury. *Neuroscience & Biobehavioral Reviews*, 58, 123-146. doi: 10.1089/neu.2014.3680.
- ^Osier, N. D., Carlson, S. W., DeSana, A., & †Dixon, C. E. (2015). Chronic Histopathological and Behavioral Outcomes of Experimental Traumatic Brain Injury in Adult Male Animals. *Journal of Neurotrauma*, 32(23), 1861-1882. doi: 10.1089/neu.2014.3680.
- ^Goode, R. W., Ye, L., Sereika, S. M. Zheng, Y., Mattos, M., Acharya, S. D., Ewing, L. J., Danford, C., Hu, L., Imes, C. C., Chasens, E., Osier, N., Mancino, J., †Burke, L. E. (2016). Socio-Demographic, Anthropometric, and Psychosocial Predictors of Attrition Across Behavioral Weight-Loss Trials. *Eating Behaviors*, 20, 27-33. doi: 10.1016/j.eatbeh.2015.11.009.
- ^Osier, N. D., & †Dixon, C. E. (2016). Catecholaminergic Based Therapies for Functional Recovery After TBI. *Brain Research*, 1640(A), 15-35. doi: 10.1016/j.brainres.2015.12.026.
- ^Osier, N., & †Dixon, C. E. (2016). The Controlled Cortical Impact Model: Applications, Considerations for Researchers, and Future Directions. *Frontiers in Neurology*, 7(134), 1-14. doi: 10.3389/fneur.2016.00134.
- ^Osier, N., & †Dixon, C.E. (2016). The Controlled Cortical Impact Model of Experimental Brain Trauma: Overview, Research Applications, and Protocol. *Methods in Molecular Biology*, 1462, 177-192. doi: 10.1007/978-1-4939-3816-2_11.
- ^Osier, N., Pham, L., Savarese, A., Sayles, K., †Alexander, S. A. (2016). Animal Models in Genomic Research: Techniques, Applications, and Roles for Nurses. *Applied Nursing Research*, 32, 247-256. doi: 10.1016/j.neulet.2017.03.053.
- ^*Osier, N., Bales, J. W., †Pugh, B., Shin, S., Wyrobek, J., Puccio, A.M., Okonkwo, D.O., Ren, D., Alexander, S., Conley, Y. P., & †Dixon, C.E. (2017). Variation in PPP3CC is Associated with Long-Term Recovery after Severe Brain Injury. *Journal of Neurotrauma*, 34(1), 86-96. doi: 10.1089/neu.2015.4343.
- ^*Osier, N., Pham, L., Pugh, B., Puccio, A.M., Ren, D., Conley, Y.P., Alexander, S., & †Dixon, C.E. (2017). Brain Injury Results in Lower Levels of Melatonin Receptor Subtypes MT1 and MT2. *Neuroscience Letters*, 650, 18-24. doi: 10.1016/j.neulet.2017.03.053.
- ^Osier, N., & †Dixon, C.E. (2017). Mini Review of Controlled Cortical Impact: A Well-Suited Device for Concussion Research. *Brain Sciences*, 7(7), e88-95. doi: 10.3390/brainsci7070088.
- ^Osier, N., Imes, C. C., Khalil, H., Zelazny, J., Johansson, A. E., & †Conley, Y. P. (2017). Symptom science: Repurposing Existing Omics Data. *Biological Research for Nursing*, 19(1): 18-27. doi: 10.1177/1099800416666716.
- ^*Gill, J., Cashion, A., Osier, N., Arcurio, L., Motamedi, V., Dell, K., Carr, W., Kim, H.-S., Yun, S., Walker, P., Ahlers, S., LoPresti, M., & †Yarnell, A. (2017). Moderate Blast Exposure Alters Gene Expression and Levels of Amyloid Precursor Protein. *Neurology: Genetics*, 3(5), e186-195. doi: 10.1212/NXG.0000000000000186.

- [^]*Gill, J., Motamedi, V., Osier, N., Dell, K., Arcurio, L., Carr, W., Walker, P., Ahlers, S., LoPresti, M., & ‡Yarnell, A. (2017). Moderate Blast Exposure Results in Increased IL-6 and TNF α in Peripheral Blood. *Brain Behavior & Immunity*, 65, 90-94. doi: 10.1016/j.bbi.2017.02.015.
- [^]Osier, N., ¶McGreevy, E., ¶Pham, L., Puccio, A., Ren, D.; Conley, Y.P., Alexander, S., ‡Dixon, C.E. (2018) Melatonin as a Therapy for Traumatic Brain Injury: A Review of Published Evidence. *International Journal of Molecular Sciences*, 19, 1539-1571. doi: 10.3390/ijms19051539.
- [^]*Gill, J., Mustapic, M., Diaz-Arrastia, R., Lange, R., Gulyani, S., Osier, N., Stern, R., ‡Kappogiannis, D. (2018). Higher Exosomal Tau, Amyloid-Beta 42 and IL-10 are Associated with Mild TBIs and Chronic Symptoms in Military Personnel. *Brain Injury*, 11, 1359-1366. doi: 10.1080/02699052.2018.1471738.
- Rodney, T., Osier, N., & Gill, J. (2018). Pro- and Anti-Inflammatory Biomarkers and Traumatic Brain Injury Outcomes: A Review. *Cytokine*, 110, 248-256. doi: 10.1016/j.cyto.2018.01.012.
- [^]*Osier, N., Conley, Y., Okonkwo, D. O., & ‡Puccio, A. (2018). Variation in Candidate TBI Biomarker Genes are Associated with Gross Neurological Outcomes after Severe TBI. *Journal of Neurotrauma*, 35(22), 2684-2690. doi: 10.1089/neu.2017.5268.
- Osier, N. D., Motamedi, V., Edwards, K., Puccio, A., Diaz-Arrastia, R., Kenney, K., & ‡Gill, J. (2018). Exosomes in Acquired Neurological Disorders: New Insights into Pathophysiology and Treatment. *Molecular Neurobiology*, 55(12), 9280-9293. doi: 10.1007/s12035-018-1054-4.
- [^]*¶Schnur, K., §Gill, E., ¶Guerrero, A., Osier, N., & ‡Reuter-Rice, K. (2019). Best Practices for Obtaining Genomic Consent in Pediatric Traumatic Brain Injury Research. *Nursing Research*, 68(2):E11-E20. doi: 10.1097/NNR.0000000000000335.
- Wysocki, K. & ‡Osier, N. (2019). Direct to Consumer vs. Clinical Genomics. *Journal of American Association of Nurse Practitioners*, 31(3): 152-155. doi: 10.1097/JXX.0000000000000211.
- [^]*Osier, N., ¶Ziari, M., Puccio, A., Poloyac, S., Okonkwo, D., Minnigh, M., Beers, S., ‡Conley, Y. (2019). Elevated Cerebrospinal Fluid Concentrations of N-Acetylaspartate Correlate with Poor Outcome After Severe Brain Trauma. *Brain Injury*, 33(10): 1364-1371. doi: 10.1080/02699052.2019.1641743.
- *Rusch, H.L., Robinson, J., Yun, S., Osier, N.D., Martin, C., Brewin, C.R. & ‡Gill, J.M. (2019). Gene Expression Differences in PTSD are Uniquely Related to the Intrusion Symptom Cluster: A Transcriptome-Wide Analysis in Military Service Members. *Brain, Behavior, & Immunity*, S0889-1591(19), 904-908. doi: 10.1016/j.bbi.2019.04.039.
- [^]*Edwards, K.A., Motamedi, V., Osier, N.D., Kim, H.-S., Yun, S., Cho, Y.-E., Lai, C., Dell, K.C., Carr, W., Walker, P., Ahlers, S., LoPresti, M., Yarnell, A., Tschiffley, A., & ‡Gill, J.M. (2020). A Moderate Blast Exposure Results in Dysregulated Gene Network Activity Related to Cell Death, Survival, Structure, and Metabolism. *Frontiers in Neurology*, 11, 91-104. doi: 10.3389/fneur.2020.00091.
- [^]*¶Mellett, K., Ren, D., Alexander, S., Osier, N., Beers, S., Okonkwo, D., Puccio, A., ‡Conley, Y. (2020). Genetic Variation in the TP53 Gene and Patient Outcomes following Severe Traumatic Brain Injury. *Biological Research For Nursing*, 22(3), 334-340. doi: 10.1177/1099800420912335.
- [^]*¶Palepu, S., ¶Nitsch, A., ¶Narayan, M., ¶Kim, S., ‡Osier, N. (2020). A Flat Organizational Structure for an Inclusive, Interdisciplinary and International Team. *Frontiers in Education: Leadership in Higher Education*, 5(102), 1-7. doi: 10.3389/feduc.2020.00102.

- [^]*¶Lay, P., £Paralkar, T., ¥Ahmed, S. H., ¥Ghani, M., £Muneer, S., ¥Jinnah, R., ¥Chen, C., ¥Zeitz, J., ¥Nitsch, A., ‡Osier, N. (2020). A Novel Clinical Research Modality for Enrolling Diverse Participants Using a Diverse Team. *Brain Sciences*, 10(7), 434-446. doi: 10.3390/brainsci10070434.
- ¥Pathare, N., ¥Sushilkumar, S., ¥Haley, L., £Jain, S., ‡Osier, N. (2020). The Impact of Traumatic Brain Injury on Microbiome Composition: A Systematic Review. *Biological Research for Nursing*, 22(4), 495-505. doi: 10.1177/1099800420943961.
- £Flowers, S., ¥Schott, S., ¥Flanigan, N., £Palepu, S., ‡Osier, N. (2021). Clinician Guide to Motorcycle Helmet Safety. *International Journal of Injury Control and Safety Promotion*, 28(3), 392-399. doi: 10.1080/17457300.2021.1928232.
- *Osier, N., Bramlett, H., Shear, D., Mondello, S., Carlson, S., Dietrich, W., Deng-Bryant, Y., Wang, K., Hayes, R., Yang, Z., Empey, P., Poloyac, S., Lafrenaye, A., Povlishock, J., Gilsdorf, J., Kochanek, P., & ‡Dixon, C.E. (2021). Kollidon VA64 Treatment in Traumatic Brain Injury: Operation Brain Trauma Therapy. *Journal of Neurotrauma*. 38(17), 2454-2472. doi: 10.1089/neu.2021.0089.
- [^]*§Lewis, K., ¥Brooks, S., Carrasco, R., Carter, P., Garcia, A., Chiou, J., Nguyen, C., Rana, A., Brown, S., Tiziani, S., & ‡Osier, N. (2021). Best Practices for Recruitment of Older Adolescents for Biobanking and Precision Health Research: A Retrospective Analysis Comparing Juvenile Idiopathic Arthritis Cases with Healthy Controls. *Pediatric Rheumatology*, 19(1), 169-178. doi: 10.1186/s12969-021-00652-9.
- [^]¥Gonzalez Osorio, C., ¥Guduru, P., & ‡Osier, N. (2021). The Female Impact in the World of Neurodegeneration. *Frontiers in Integrative Neuroscience* 15, 1-5. doi: 10.3389/fnint.2021.750603.
- *Osier, N., §Lim, S., §Gill, E., Becker, H., & ‡Stuifbergen, A. (2022). Development and Testing of a Biobanking Acceptability Scale: A Multistage Effort to Add a Biobank to an Existing Longitudinal Study. *Applied Nursing Research*, 63(2022), 151520-151526. doi: 10.1016/j.apnr.2021.151520.
- ¥Porteny, J., ¥Lin, S., ¥Tovar, E., ¥Anwar, A., & ‡Osier, N. (2022) Salivary Biomarkers as Indicators of TBI Diagnosis and Prognosis: A Systematic Review. *Molecular Diagnosis & Therapy*, 26(2), 169-187. doi: 10.1007/s40291-021-00569-9.
- *¥Schnur, K., ¥Narayan, M., ¥Hutto, D., Osier, N., ‡Reuter-Rice, K. (2022). Utility of Urine Samples for Biomarker Collection in Pediatric Studies. Accepted to *Journal of Nursing Practice Applications & Reviews of Research*, 12(1), 25-31. doi: 10.13178/jnparr.2022.12.01.1205.
- [^]*¶Lay, P., £Paralkar, T., £Stubbs, S., ¥Ahmed, H., £Ghani, M., & ‡Osier, N. (2022). Evaluating Traumatic Brain Injury Occurrence Patterns Within The Emergency Department and Internal Screening Process Efficacy: A Retrospective Analysis In The Context of COVID-19. *Interactive Journal of Medical Research*, 11(1), e29513-e29524. doi: 10.2196/29513.
- ¥Gajwani, A., ¥Shah, A., ¥Patil, R., ¥Gucer, D., & ‡Osier, N. (2022). Training Undergraduate Students in HIPAA Compliance. *Accountability in Research*, 30(7), 530-541. doi: 10.1080/08989621.2022.2037428.
- [^]*§Lewis, K., Osier, N., Carrasco, R., Chiou, J., Carter, P., Garcia, A., Flowers, E., Gennatas, E., Nguyen, C., Rana, A., Brown, S., ‡Tiziani, S. (2022) Serine, N-Acetylaspartate Differentiate Adolescents with Juvenile Idiopathic Arthritis Compared with Healthy Controls: A Metabolomics Cross-Sectional Study. *Pediatric Rheumatology*, 20(12), 1-13. doi: 10.1186/s12969-022-00672-z.

- ¥Jiang, J., ¥Zhang, C., ¥Abduljabbar, S., & ‡Osier, N. (2022). The Relationship Between Stress and Disease Onset and Relapse in Multiple Sclerosis: A Systematic Review. *Multiple Sclerosis & Related Disorders*, 67(2022), 104142-104148. doi: 10.1016/j.msard.2022.104142.
- §Franco-Rocha, O., Wheldon, C., Osier, N., Lett, E., Kesler, S.R., ‡Henneghan, A.M., & Suárez-Baquero, D. (2023). Cisheteronormativity and its Influence on the Psychosocial Experience of LGBTQ+ People with Cancer: A qualitative systematic review. *Psycho-Oncology*, 32(6): 834-845. doi: <http://doi.org/10.1002/pon.6133>.

Kid-and-Mentor Reviewed Articles Published in *Frontiers for Young Minds*

- ^£Kim, S., ¥Kline, P., ¥Nguyen, M., & ‡Osier, N. (2019). Studying Brain Injury Through the Blood: The Promise and Peril of Biomarkers. *Frontiers for Young Minds*, 7(27), 8 pages. doi: 10.3389/frym.2019.00027.
- ^¥Slote, C., ¥Luu, A., ¥George, N.M., & ‡Osier, N. (2019). Ways You Can Protect Your Genes from Mutations With a Healthy Lifestyle. *Frontiers for Young Minds*, 7(46), 9 pages. doi: 10.3389/frym.2019.00046.
- ^¥Le, J., £Morgan, S.E., ¥Porter, A.W., & ‡Osier, N. (2019). Hitting Your Head Can Result in an Invisible Disability that Affects Your Body and Beyond! *Frontiers for Young Minds*, 7(120), 8 pages. doi: 10.3389/frym.2019.00120.
- ^¥Le J., £Morgan, S. & ‡Osier, N. (2019). What Happens When You Hit Your Head? *Frontiers for Young Minds*, 7(127), 8 pages. doi: 10.3389/frym.2019.00127.
- ^¥Pilla, P., ¥Le, J., ¥Lay, P., ¥Tiong, J., ‡Osier, N. (2021) What is PTSD? Diagnosis, Treatment, and Challenges. *Frontiers for Young Minds*, 9(579592), 8 pages. doi: 10.3389/frym.2021.579592.
- ^¥Sushilkumar, S., .¥Allen, A.C., & ‡Osier, N. (2022) Chlorpromazine: Paving the Way for a Better Understanding of Schizophrenia and Other Mental Health Conditions. *Frontiers for Young Minds*, 10(676273), 7 pages. doi: 10.3389/frym.2022.676273.
- ^¥Khan, S. ¥Xu, A., ¥Karim, Z., ¥Gonzalez Osorio, C., & ‡Osier, N. (2022). Returning to Sports After a Head Injury. *Frontiers for Young Minds*, 10(684178), 8 pages. doi: 10.3389/frym.2022.684178.
- ^¥Johnsamson, J., ¥Tovar, E., ¥Gonzalez Osorio C., & ‡Osier, N. (2023). When Familiar Faces Seem Unknown: Face Blindness. *Frontiers for Young Minds*, 11(1024072), 7 pages. doi: 10.3389/frym.2023.1024072.
- ^¥Gonzalez Osorio, C., ¥Harirama, M., ¥Tandon, J., & ‡Osier, N. (2023). Why Do Some People Have Down Syndrome? *Frontiers for Young Minds*, 11(1068434), 7 pages. doi: 10.3389/frym.2023.1068434.
- ^¥Kim, A., ¥Sutthipong, P., ¥LeVaughn, M., & ‡Osier, N. (2023). Brain Chemicals That Make Us Happy or Sad. *Frontiers for Young Minds*, 11(1023491), 8 pages. doi: 10.3389/frym.2023.1023491.
- ^¥Gonzalez Osorio, C., ¥Hayat, A., ¥Kim, S., ¥Nanda, S. & ‡Osier, N. (2024). Can Video Games Improve the Ability to Focus? *Frontiers for Young Minds*, 11(1148196), 7 pages. doi: 10.3389/frym.2023.1148196.

^¥Bhatia, M., ¥Kadamba, S., ¥De Guia, R.A., ¥Ansari, H., & ‡Osier, N. (2024). Why is the Baby Sunbathing? An Overview of Jaundice. *Frontiers for Young Minds*, 11(1208907), 8 pages. 10.3389/frym.2023.1208907.

Peer-Reviewed Abstracts Published in Scholarly Journals

Yarnell, A., Tschiffely, A., Kim, H.-S., Gill, J., Edwards, K., Dell, K., LoPresti, M., Osier, N., Walker, P., Yun, S., Ahlers, S., Motamedi, V., & Carr, W. (2018). Research Poster 657216: Moderate Blast Exposure Results in Dysregulated Gene Network Activity. *Archives of Physical Medicine and Rehabilitation*, 99(11): E169-E169. doi: 10.1016/j.apmr.2018.08.127.

Invited Articles Published in Scholarly Journals

^Osier, N. (2022). Hard to Be, Treat, or Teach What You Can't See (Included as Part of "Queer Visibility in Medicine"). *Med*, 3: 437-437 (full article 435-439). doi: 10.1016/j.medj.2022.06.003.

Chapters Published in Books

^Osier, N. D., ¥Korpon, J. R., & ‡Dixon, C.E. (2015). Chapter 16. Controlled Cortical Impact Model. In: F. Kobeissy (Ed.), *Brain injury principles: Molecular neuropsychological, and rehabilitation aspects in brain injury models*. 17 pages.

^Yan, H. Q., Osier, N. D., Korpon, J., Bales, J. W., Kline, A. E., Wagner, A. K., & ‡Dixon, C. E. (2015). Chapter 33: Persistent Cognitive Deficits: Implications of Altered Dopamine in Acute Traumatic Brain Injury. In: F. Kobeissy (Ed.), *Brain Injury Principles: Molecular Neuropsychological, and Rehabilitation Aspects in Brain Injury Models*. 23 pages.

^Osier, N., Kline, A.E., & ‡Dixon, C.E. (2019). The Controlled Cortical Impact Model of Experimental Brain Trauma: Overview, Research Applications, and Protocol. *Animal Models of Acute Neurological Injury*. 16 pages.

‡Osier, N. (2022). Chapter 9: Genetics and the Law. In Subasic, K.A. (Ed.) *Fast Facts on Genetics and Genomics for Nurses*. 15 pages.

PUBLICATIONS – Forthcoming (Accepted or In-Press with Date)

Student Mentoring: [§ = Graduate student; £ = research assistant; ¥ = undergraduate student]

Data-Based: [* = data-based]

Correspondence: [‡ = corresponding author)

N/A as of 2024-09-30

PUBLICATIONS – Submitted and Under Review

Student Mentoring: [§ = Graduate student; £ = research assistant; ¥ = undergraduate student]

Data-Based: [* = data-based]

Correspondence: [‡ = corresponding author)

Articles Submitted and Under Review for Consideration by Scholarly Journals

¥Sargent, T., & ‡Osier, N. (Submitted and under review as of 2024-05-02). Protecting Those Who Care: A Systematic Review of Effective Interventions to Reduce Workplace Violence Against Nurses in Acute Care Hospital Settings. *Journal of Clinical Nursing*.

REFEREED PRESENTATIONS – Completed

Student Mentoring: [§ = Graduate student; £ = research assistant; ¥ = undergraduate student]

Data-Based: [* = data-based]

Completed International Conferences:

*Osier, N. & Dixon, C.E. Effect of Melatonin on Novel Object Recognition after traumatic brain injury: A pilot study. Poster presentation at Society for Critical Care Medicine 43rd Critical Care Congress. San Francisco, California, USA, January 2014.

Osier, N., Savarese, A., Dixon, C.E. & Alexander, S. An Opportunity for Nurses to Promote Bench-to-Bedside Translation: Use of Animal Models for Studying Genetics and Human Health. Poster presentation at International Society for Nurses in Genetics 2014 Congress. Scottsdale, Arizona, USA, November 2014.

*Osier, N., Alexander, S., Conley, Y., & Dixon, C.E. Association Between Calcineurin Genotype & Clinical Outcomes after Severe TBI. Poster presentation at Society for Neuroscience 2015 Conference, Chicago, Illinois, USA, October 2015.

*Osier, N., Alexander, S., Conley, Y., & Dixon, C. E. Variation in PPP3CC Genotype is Associated with Long-Term Recovery After Severe Brain Injury. Poster Presentation at Society for Neuroscience, Chicago, IL, USA, October 2015.

*Osier, N., Alexander, S., Conley, Y., & Dixon, C.E. Association Between Calcineurin Genotype & Outcomes after Severe TBI. Podium presentation at International Society for Nurses in Genetics 2015 Congress. Pittsburgh, Pennsylvania, USA, November 2015.

*Osier, N., Alexander, S., & Dixon, C.E. Applying Pre-Clinical Methodologies to Better Understand the Genetic and Physiologic Mechanisms Underlying Brain Injury. Poster presentation at Sigma Theta Tau International 27th International Nursing Research Congress. Cape Town, South Africa, Africa, July 2016.

*Osier, N., Alexander, S., & Dixon, C. E. Using Pre-Clinical Models to Study Changes to the Melatonergic System after Brain Injury. Poster presentation at Bloomberg University Emerging Nurse Scholars Forum. Toronto, Ontario, Canada, May 2017.

*Osier, N. Melatonergic System Changes After Experimental Brain injury. Podium presentation at Bloomberg University Emerging Nurse Scholars Forum. Toronto, Ontario, Canada, May 2017.

*Osier, N. D., Gill, J., Edwards, K., Dell, K.C., Carr, W., Walker, P., Ahlers, S., LoPresti, M., & Yarnell, A. Moderate Blast Exposure Alters Peripheral Concentrations of Proteins Related to Neurodegeneration. Podium presentation at International Society for Nurses in Genetics 2017 Congress. Reston, Virginia, USA, November 2017.

*Osier, N., Poloyac, S., Okonkwo, D., Puccio, A., & Conley, Y. Lower Cerebrospinal Fluid N-acetylaspartate Correlates with Better Outcomes Post-Severe Brain Trauma. Poster presentation at Society for Critical Care Medicine 2018 Conference. San Antonio, Texas, USA,

February 2018.

*Edwards, K.A., Motamedi, V., Osier, N.D., Kim, H.S., Yun, S., Cho, Y.-E., Lai, C., Dell, K., Carr, W., Walker, P.B., Ahlers, S.T. LoPresti, M., Yarnell, A., Tschiffely, & Gill, J. Moderate Blast Exposure Results in Dysregulated Gene Network Activity. Poster presentation at National and International Neurotrauma Societies, August 2018.

Osier, N. The Genomic Olympics: Building Nursing Student Competency and Agency about Genetic Content Using a Semester-Long Game. Poster presentation at International Society for Nurses in Genetics. Orlando, Florida, USA, October, 2018.

Empey, P., Dungan, J., & Osier, N. Test 2 Learn: Learning Through Personal Genomes. ISONG. Interactive Session. Keynote podium presentation at International Society for Nurses in Genetics. Orlando, Florida, USA, October, 2018.

Osier, N., §Osborne, A., ¥Slote, C., ¥Palepu, S., ¥Athukuri, P., ¥McGreevy, E., ¥Garcia, J. Method to the Madness: Advice for Setting Up a Molecular-Genomics Laboratory. Poster presentation at International Society for Nurses in Genetics. Orlando, Florida, USA, October, 2018.

Osier, N., ¥Hayes, E., ¥Schnur, K. Unpuzzling Genetic Concepts with a Puzzle. Poster presentation at International Society for Nurses in Genetics. Orlando, Florida, USA, October, 2018.

*Osier, N., ¥Slote, C., Henneghan, A. Biomarkers Associated with Sleep and Fatigue Symptoms in Breast Cancer Survivors. Poster presentation at International Society for Nurses in Genetics. Orlando, Florida, USA, October, 2018.

Osier, N. Expressing Scientific Comprehension Through Creative Expression. Podium presentation at 2019 UDL-IRN International Summit, Orlando, Florida, USA, February 2019.

*Henneghan, A., Osier, N., Edwards, M., Kesler, S. Amyloid Beta and Cognitive Performance of Breast Cancer Survivors. Poster presentation at International Neuropsychological Society 2019 Annual Meeting. New York City, New York, USA. February, 2019.

Osier, N. Setting Yourself up for Success in Biobanking: In the Hospital and at the Bench. Podium presentation at International Society for Nurses in Genetics 2019 Conference, Pittsburgh, Pennsylvania, USA, May 2019.

Osier, N. Quick and Painless Strategies for Infusing UDL Into Existing Lessons. Podium talk at Universal Design for Learning Digicon Web Conference. Virtual, October 2019.

¥Reyes, C. & Osier, N. You and What Army? Biobank Recruitment Using an Army of Undergraduate Volunteers. Poster presented at International Society for Nurses in Genetics, San Antonio, Texas, USA, November 2019.

*¥Magno, G. & Osier, N. Investigating Disparities Between Mothers & Fathers Enrolling Children Into a Pediatric Injury Biobank. Poster presented at International Society for Nurses in Genetics, San Antonio, Texas, USA, November 2019.

*¥Jinnah, R., ¥Ahmed, S., £Paralkar, T., £Lay, P., ¥Ghani, M., £Stubbs, S., Osier, N. Impact of a Pandemic on Clinical Recruitment Into a Pediatric Traumatic Brain Injury Biobank. Virtual Poster Presentation at International Society of Nurses in Genetics. November 2020.

*¥Ghani, M., ¥Sandoval, A., £Paralkar, T., ¥Ahmed, S.H., £Stubbs, S., ¥Jinnah, R., Osier, N. Concordance Levels in Pediatric and Parent Proxy Responses. Virtual Poster Presentation at International Society of Nurses in Genetics. November 2020.

Osier, N. How to Use Social Media to Promote Your Lab. Podium presentation at ISONG Congress, Virtual, November 2021.

¥Kelly, K., ¥Karim, Z., ¥Doyle, A., Osier, N. Illustrations of Electronic Medical Records (EHR) as a HIPAA Compliant Training Tool. Poster presentation at ISONG Congress, Virtual, November 2021.

¥Ghaly, M., ¥Raghavan, A., £Paralkar, T. £Stubbs, S., £Nitsch, A., £Shabbir, S., £Chen, C. & Osier, N. An Interactive Flowchart Guiding Pediatric TBI Severity Classification. Poster presentation at the Lancet Summit, Virtual, December 2021.

¥Porteny, J., ¥Lin, S., ¥Tovar, E., ¥Anwar, A., ¥Rath, D. Osier, N. Salivary Biomarkers as Indicators of TBI Diagnosis and Prognosis: A Systematic Review. Poster presentation at the Lancet Summit, Virtual, December 2021.

Osier, N., ¥Haque, A., ¥Bhatia, M., ¥Nguyen, E., ¥De Guia, R.A., & ¥Tang, O. Creation and Use of a Stock Images Database to Make Lectures More Diverse and Inclusive. Lightning podium presentation at OpenEd2022, Virtual, October 2022.

Osier, N., & ¥Barve, V. Genetics Ethics Movie Reflection: A Novel, Fun, and Flexible Assignment Consistent with Teaching Best Practices. Podium presentation at ISONG, Raleigh-Durham, NC, USA, November 2022.

Osier N. How to Engage Research Volunteers. Podium presentation at ISONG, Raleigh-Durham, NC, USA, November 2022.

*§Lewis K.A., Osier, N., & Flowers, E. Exploring Associations Between Metabolites, Symptoms, and Patient Reported Outcomes in Adolescents with Juvenile Idiopathic Arthritis. Podium presented at ISONG, Raleigh-Durham, NC, USA, November 2022.

Osier, N., Developing and Implementing an Open Source Textbook with a Little Help From My Friends. Lightning podium presentation at OpenEd2022, Virtual, November 2023.

¥Navales, J., ¥Kopitskie, H., ¥Tandon, J., ¥Nanda, S., & Osier, N. You Can't Play With Us: A Policy Analysis of Sex Verification Testing in Sport. Podium presentation at ISONG, Providence, RI, USA, November 2023.

Osier, N., & Nguyen, ¥T. Protection or Punishment: A Policy Analysis. Poster presentation at International Society for Nurses in Genetics Congress, San Diego, CA, USA, November 2024.

Osier, N., ¥Bui, K., ¥Hayat, A., ¥Yoon, Y., ¥Barve, V., & ¥Kim, S. Symbiotic Creation of an Open Textbook That Fosters the Next Generation of Open Education Leaders. Podium presentation at OpenEd 2024, Providence, RI, USA, and Virtual, October 2024.

Osier, N., ¥Mittal, G., & ¥Patel, M. Collaborative Courtesy: Charting a Course for Crediting Content Creators. Lightnigh podium presentation at OpenEd 2024, Providence, RI, USA, and Virtual, October 2024.

Completed National Conferences:

*Osier, N., Yan, H.Q. Ma, X., Mondello, S., Empey, P., Poloyac, S., Feldman, K., Wang, K., Hayes, R., Kochanek, P.M., Dixon, C.E. Evaluation of Kollidon VA-64 in the Controlled Cortical Impact Model of Traumatic Brain Injury: An OBTT Consortium Study. Poster presentation at National Neurotrauma Society 2015 Conference. Santa Fe, New Mexico, USA, June 2015.

- *Osier, N., Pugh, B., Puccio, A., Ren, D., Conley, Y., & Alexander, S. Downregulation of MT1 and MT2 Occurs after Severe TBI in Rats. Poster presentation at National Neurotrauma Society 2016 Conference, Lexington, Kentucky, USA, June 2016.
- *Osier, N., Pham, L., Savarese, A., Pugh, B.J., Puccio, A., Ren, D., Conley, Y., Alexander, S., & Dixon, C.E. Melatonin Receptors are Associated with TBI pathology in Rodents and Genetic Variation in Humans May be a Determinant of Health in Humans. Poster presentation at Council for the Advancement of Nursing Science 2016 Conference, Washington, DC, USA, September 2016.
- *Osier, N., Gill, J., Edwards, K., Dell, K. C., Carr, W., Walker, P., Ahlers, S., LoPresti, M., & Yarnell, A. A β 40, A β 42, and Tau as Peripheral Biomarkers for Moderate Blast Exposure. Podium presentation at National Capital Area TBI Conference, Bethesda, Maryland, USA, March 2017.
- Osier, N. Helmet Laws: History and Effects of Policy. Poster presentation at American Academy of Nursing 2017 Conference, Washington, DC, USA, October 2017.
- *Osier, N., ¥Slote, C., ¥McGreevy, E., Henneghan, A. Ultrasensitive Quantification of Inflammatory Biomarkers in Breast Cancer Survivors. Poster presentation at American Association of Immunology Conference, Austin, Texas, USA, May 2018.
- *Edwards, K.A., Motamedi, V., Osier, N.D., Kim, H.S., Yun, S., Dell, K., Carr, W., Walker, P.B., Ahlers, S.T. LoPresti, M., Yarnell, A., Tschiffely, & Gill, J. Moderate Blast Exposure Results in Dysregulated Gene Network Activity. Poster presentation at National Neurotrauma Society. Washington DC, USA, June 2018.
- Petska, B., Conley, V., Hanson, K., and Osier, N. Integrating Psychiatric Pharmacogenomics into Clinical Nursing Practice. Pre-Conference workshop at American Psychiatric Nurses Association. Columbus, Ohio, USA, October 2018.
- Osier, N., ¥Snow, B., ¥Slote C., ¥Zhang, C., & ¥Nguyen, M. Application of AACN Healthy Work Environment Standards to Launch a Clinical Research Partnership. Podium presentation at Creating Healthy Work Environments 2019. New Orleans, Louisiana, USA, February 2019.
- ^*Rusch, H., Robinson, J., Yun, S., Osier, N., Martin, C., Brewin, C.R., & Gill, J. Gene Expression Differences in PTSD are Uniquely Related to the Intrusion Symptom Cluster: A Transcriptome-Wide Analysis in Military Service Members. Poster presented at 14th Annual Amygdala, Stress, and PTSD Conference: Risk, Resilience, and Recovery, Bethesda, Maryland, USA, April 2019.
- *§Lewis, K., Osier N., Carter, P., Nguyen, C., Carrasco, R., ¥Brooks, S., Garcia, A., Tiziani, S. Carbohydrate and Sugar Intake Predict Pain in Teens with Active JIA Disease but Not in Teens in Remission or Controls: A Cross-Sectional, Case-Control Metabolomics Pilot Study. Accepted to *Pediatric Rheumatology Symposium*, New Orleans, Louisiana, USA, May 2020 (canceled due to COVID19 pandemic).
- *§Lewis K.A., Osier, N., Tiziani, S., Carrasco, R., Carter, P., Garcia, A., Chiou, J., ¥Brooks, S., Nguyen, C., Chen, J., Rana, A., & Orrock, J. The Intersection of Pain, Fatigue, and Cardiovascular Risk in Teens with Juvenile Arthritis: A Metabolomics Case-Control Pilot Study. Poster presented at the Summer Institute on Symptoms and Omics, Atlanta, Georgia, USA, December 2020.
- *Osier, N., Stuifbergen, A., £Stubbs, S., & £Paralkar, T. Predicting Stress Levels And Response To A Self-Management Program Using Participant Demographic, Clinical, And Biomarker Data: A Secondary Analysis. Poster presented at Consortium of Multiple Sclerosis Centers, Virtual, October 2021.

*\$Pilla, P., \$Yoo, L., & Osier, N. Pediatric Traumatic Brain Injuries Resulting from Child Abuse in Central Texas 2013-2018. Poster presentation at Society for Advancement of Violence and Injury Research Conference, Chapel Hill, NC, USA, April 2024.

Completed Institutional and Regional Conferences:

Osier, N., ¥Savarese, A., Dixon, C. & Alexander, S. An Opportunity for Nurses to Promote Bench-to-Bedside Translation: Use of Animal Models for Studying Genetics and Human Health. Poster presentation at 4th Annual Scholarly Symposium. University of Pittsburgh School of Nursing, Pittsburgh, Pennsylvania, USA, November 2014.

Osier, N., ¥Pham, L., ¥Savarese, A., Alexander, S. Studying the Genomic Underpinnings of Health Using Animal Models. Poster presentation at Sigma Theta Tau Eta Chapter Scholars Night, Pittsburgh, Pennsylvania, USA, March 2015.

*Baumgartel, K., Koleck, T., Osier, N., Conley, Y. Molecular Genomic Fellowship Program for Nurse Scientists. Poster presented at Doctoral Directions Learning to Lead in Biomedicine, Pittsburgh, Pennsylvania, USA, March 2015.

Top Poster Award

*Osier, N., ¥Slote, C., Henneghan, A. Biomarkers Associated with Sleep and Fatigue Symptoms in Breast Cancer Survivors. Poster presentation at St. David's CHPR Conference, Austin, Texas, USA, February 2018.

Osier, N. D. Unpuzzling Polymerase Chain Reaction Using a Puzzle. Demonstration poster presentation at UT System Innovations in Health Science Education Conference, Austin, Texas, USA, February 2018.

Osier, N. D. Rookie mistakes: Lessons Learned During the first 60 Days as a Faculty Member. Poster presentation at UT System Innovations in Health Science Education Conference, Austin, Texas, USA, February 2018.

*¥Nguyen, A. & Osier, N., Evaluating the Enrollment Success of Pediatric Brain Injury Patients. Poster presentation at St. David's CHPR Conference, Austin, Texas, USA, February 2019.

*¥Magno, G. & Osier, N. Investigating Disparities Between Mothers & Fathers Enrolling Children into a Pediatric Injury Biobank. Poster presentation at St. David's CHPR Conference, Austin, Texas, USA, February 2019.

*¥Magno, G. & Osier, N. Investigating Disparities Between Mothers & Fathers Enrolling Children Into a Pediatric Injury Biobank. Poster presented at Longhorn Research Week. Austin, Texas, USA, April 2019.

*\$Lewis, K., ¥Brooks, S., Carrasco, R., Carter, P., Garcia, A., Chiou, J., Nguyen, C., Rana, A., Brown, S., Tiziani, S., & ‡Osier, N. Best Practices for Recruitment of Teens for a Biobehavioral Case-Control Study. Poster presented at Longhorn Research Week. Austin, Texas, USA, April 2019.

Osier, N., ¥Palepu, S., & ¥Nitsch, A. Student-Led, Participant-Focused Consenting Approach Overcomes Research Barriers in Serving Underrepresented Populations. Poster presentation at Center for Health IPE Interprofessional Health Showcase, Austin, Texas, USA, April 2019.

Osier N., & ¥Flowers, S. Navigating Implicit Biases: How Healthcare Providers can Recognize and Limit the Influences of Implicit Biases. Poster presented at 6th Annual Cultural Inclusion Institute: Promoting Health & Wellbeing Through Social Justice & Cultural Inclusivity Conference. San Antonio, Texas, USA. April 2019.

¥Palepu, S. & Osier, N. Flat Organization Structure Creates an Inclusive Team that Produces Inclusive Results. Poster presented at 6th Annual Cultural Inclusion Institute: Promoting Health & Wellbeing Through Social Justice & Cultural Inclusivity Conference. San Antonio, Texas, USA. April 2019.

Tackett, K., Dell'Antonio, A., Lundy, S., Osier, N., Patton, J., & Sigafos, L., Designing Communities for Inclusive Learning: Tracing Process and Sharing Practices. Panel discussion presented at Big XII Teaching & Learning Conference. Austin, Texas, USA, June, 2019.

Lang, E., Hart, H., Osier, N. Braseby, A., Maness, K., & Johnson, J.E. Implementing Experiential Learning Curricula at UT-Austin. Panel discussion presented at Big XII Teaching & Learning Conference. Austin, Texas, USA, June 2019.

Osier, N., Express Yourself: Tapping into Talents to Demonstrate Student Learning and Review the Semester. Podium talk presented at Big XII Teaching & Learning Conference. Austin, Texas, USA, June 2019.

Osier, N. Infusing Ethics into a Newly Flagged Course. Panel discussion presented at Flags Teaching Symposium for Center for Skills & Experience Flags at UT Austin. Austin, Texas, USA, October 2019.

§Gill, E., ¥Nitsch, A., ¥Chen, C., ¥Zhang, C., Osier, N. Establishing and Improving a Clinical Recruitment Training Program for Research Volunteers. Poster presented at Center for Health IPE Interprofessional Health Showcase, Austin, Texas, USA, May 2020.

Osier, N. Improving Inclusive Learning Through Use of a Stock Images Database. Podium presentation at Inclusive Teaching and Learning Symposium, Austin, Texas, USA, October 2020.

*£Stubbs, S., ¥Yoo, L., ¥Pilla, P., ¥Gucer, D. Lawson, K., Barczyk, A., Piper, K., & Osier, N. Pediatric Traumatic Brain Injuries in Central Texas 2013-2018. Poster presentation at St. David's CHPR Conference, Austin, Texas, USA, February 2021.

*¥Ghani, M., ¥Sandoval, A., £Paralkar, T., ¥Ahmed, S.H., £Stubbs, S., Osier, N. Concordance Levels in Pediatric and Parent Proxy Responses. Poster presentation at St. David's CHPR Conference, Austin, Texas, USA, February 2021.

¥Paralkar, T., ¥Lay, P., £Stubbs, S., ¥Ahmed, S., ¥Ghani, M., & Osier, N., Evaluating Traumatic Brain Injury Occurrence Patterns Within The Emergency Department & Internal Screening Process Efficacy: A Retrospective Analysis. Poster presented at Longhorn Research Week. Virtual, April 2021.

*¥Ghani, M., ¥Sandoval, A., £Paralkar, T., ¥Ahmed, S.H., £Stubbs, S., Osier, N. Concordance Levels in Pediatric and Parent Proxy Responses. Poster presented at Longhorn Research Week. Virtual, April 2021.

¥Kelly, K., ¥Karim, Z., §Doyle, A., Osier, N. Illustrations of Electronic Medical Records (EHR) as a HIPAA Compliant Training Tool. Poster presented at Center for Health IPE Interprofessional Health Showcase, Virtual, April 2021.

First place in People's Choice Award

*¥Ghaly, M., ¥Raghavan, A., £Paralkar, T., £Stubbs, S., ¥Nitsch, A., £Shabbir, S., §Chen, C., Osier, N. An Interactive Flowchart Guiding Pediatric TBI Severity Classification for Participants with GCS Scores Between 12-15. Poster presented at Center for Health IPE Interprofessional Health Showcase, Virtual, April 2021.

Second place in People's Choice Award

- ¥Jiang, J., £Abduljabbar, S., ¥Zhang, C., & Osier, N. The Relationship Between Stress and Disease Onset and Relapse in Multiple Sclerosis: A Systematic Review of Literature. Virtual Poster Presented at Center for Health IPE Interprofessional Health Virtual Showcase at the University of Texas at Austin. Austin, Texas, USA, April 2021.
- £Stubbs, S., ¥Yoo, L., ¥Pilla, P., ¥Gucer, D. Lawson, K., Barczyk, A., Piper, K., & Osier, N. Traumatic Brain Injuries in Central Texas 2013-2018. Poster presented at Social Justice Research Forum, Austin, Texas, USA, April 2021.
- ¥Nguyen, N., ¥Barve, V., Osier, N. Innovation through Organization: A Novel All-In-One Lesson Planning Tool. Poster presentation at UT System Innovations in Health Science Education Conference. Virtual, February 2022.
- ¥Navales, J., ¥Kelly, K., Osier, N. Development of an Innovative Healthcare Cultural Humility Course. Poster presentation at UT System Innovations in Health Science Education Conference. Virtual, February 2022.
- ¥Kelly, K., ¥Karim, Z., ¥Doyle, A., Osier, N. Illustrations of Electronic Medical Records (EHR) as a HIPAA Compliant Training Tool. Poster presentation at UT System Innovations in Health Science Education Conference. Virtual, February 2022.
- ¥Collier-Smith, A., ¥Ansari, H., ¥Rath, D., ¥Gonzalez Osorio, C., ¥Nanda, S., & Osier, N. Identifying and Solving Organizational Problems Using Student Innovation. Poster presentation at Leading & Learning: Student Educator Forum, Virtual, February 2022.
- ¥Houssein-Ali, M., & Osier, N. Adapting as a Student Leader in the Online Era. Podium presentation at Leading & Learning: Student Educator Forum, Virtual, February 2022.
- *¥Ghaly, M, ¥Raghavan, A., ¥Karim, Z., ¥Ahmed H., & Osier, N. Promoting Equity and Inclusion in STEM: Diversifying Research Team and Participant Recruitment Through Community and Institution-Based Comparative Demographic Analysis. Poster presentation at Longhorn Research Week, Virtual, April 2022.
- ¥Gajwani, A., ¥Tovar, E., & Osier, N. An Original Methodology to Increasing Undergraduate Involvement in Scientific Writing. Poster presentation at Longhorn Research Week, Virtual, April 2022.
- ¥Tovar, E., & Osier, N., Streamlining the Process of Conducting and Writing Systematic Literature Reviews. Poster presentation at Longhorn Research Week, Virtual, April 2022.
- Osier, N., & ¥Jeong, D., ¥Kelly, K., ¥Kanyongo, N. A Novel System for Training Research Volunteers in Cultural Competency. Poster presentation at Longhorn Research Week, Virtual, April 2022.
- ¥Patil, R., ¥Tovar, E., & Osier, N., Multi-faceted Recruitment Strategy for Targeted Recruitment of Undergraduates into Clinical Research Laboratories. Poster presentation at Longhorn Research Week, Virtual, April 2022.
- ¥Smith, A., ¥Ansari, H., ¥Rath, D., ¥Gonzalez Osorio, C., ¥Nanda, S., & Osier, N. Identifying & Solving Organizational Problems Using Student Innovation. Poster presentation at Longhorn Research Week, Virtual, April 2022.
- ¥Porteny, J., ¥Tovar, E., ¥Lin, S., ¥Anwar, A., ¥Rath, D., & Osier, N. Salivary Biomarkers as Indicators of TBI Diagnosis and Prognosis: A Systematic Review. Poster presentation at Longhorn Research Week, Virtual, April 2022.

¥Quadri, F., ¥Haque, A., & Osier, N. Creating a Novel System to Measure Membership Over Time in an Undergraduate Lab. Poster presentation at Longhorn Research Week, Virtual, April 2022.

¥Khan, S., ¥Cochinwala, Z., & Osier, N. The Role of Epigenetics on Traumatic Brain Injury Recovery. Poster presentation at Longhorn Research Week, Virtual, April 2022.

¥Harirama, M., ¥Cherian, A., ¥Raghavan, A., ¥Ghaly, M., & Osier, N. Increasing Access to Undergraduate Student Research Through the Usage of Public Data Sources. Poster presentation at Longhorn Research Week, Virtual, April 2022.

Honorable Mention for Best Poster Design

¥Tabatabai, N., & ¥Ansari, H., £Shabbir, S., ¥Shah, A., & Osier, N. Utilizing Slack as a Communication Tool. Poster presentation at Longhorn Research Week, Virtual, April 2022.

¥Navales, J., ¥Kelly, K., £Balli, ¥Jeoung, D., & Osier, N. Educational Development of Cultural Humility in Future Healthcare Professionals. Poster presentation at Center for Health IPE Interprofessional Health Showcase, Virtual, April 2022.

First place in People's Choice Award

*¥Raghavan, A., ¥Ghaly, M., ¥Karim, Z., ¥Ahmed, H., & Osier, N. Promoting Equity and Inclusion in STEM: Diversifying Research Team and Participant Recruitment Through Community and Institution-Based Comparative Demographic Analysis. Poster presentation at Cultural Inclusion Institute Conference, San Antonio, Texas, USA, April 2022.

Osier, N., ¥Navales, J., ¥Kelly, K., £Balli, K., & ¥Jeoung, D. Educational Development of Cultural Humility in Future Healthcare Professionals. Poster presentation at Cultural Inclusion Institute Conference, San Antonio, Texas, USA, April 2022.

Osier, N., ¥Jeoung, D., ¥Kelly, K., ¥Kanyongo, N. A Novel System for Training Research Volunteers in Cultural Competency. Poster presentation at Cultural Inclusion Institute Conference, San Antonio, Texas, USA, April 2022.

Osier, N., & ¥Jeong, D., ¥Kelly, K., ¥Kanyongo, N. A Novel System for Training Research Volunteers in Cultural Competency. Poster presentation at the Ascension Texas Nursing Research & Evidence-Based Symposium, Austin, Texas, USA, August 2022.

*¥Raghavan, A., ¥Ghaly, M., ¥Karim, Z., ¥Ahmed, H., & Osier, N. Promoting Equity and Inclusion in STEM: Diversifying Research Team and Participant Recruitment Through Community and Institution-Based Comparative Demographic Analysis. Poster presentation at the Ascension Texas Nursing Research & Evidence-Based Symposium, Austin, Texas, USA, August 2022.

¥Harirama, M., ¥Cherian, A., ¥Raghavan, A., ¥Ghaly, M., & Osier, N., Increasing Access to Undergraduate Student Research Through the Usage of Public Data Sources. Poster presentation at the Ascension Texas Nursing Research & Evidence-Based Symposium, Austin, Texas, USA, August 2022.

Osier, N., & ¥Ansari, H. Slack as a Communication Tool. Poster presentation at the Ascension Texas Nursing Research & Evidence-Based Symposium, Austin, Texas, USA, August 2022.

*¥Ghaly, M., ¥Ghaly, D., ¥Rehman, A., ¥Subramanian, A., & Osier, N. Promoting Equity and Inclusion in STEM: Diversifying Research Team and Participant Recruitment Through Community and Institution-Based Comparative Demographic Analysis. Poster presentation at the Capitol of Texas Undergraduate Research Conference, Austin, Texas, USA, March 2023.

Honorable Mention for Best Poster

¥Harirama, M., ¥Cherian, A. ¥Ghaly, M. & Osier, N. Increasing Access to Undergraduate Student Research Through the Usage of Public Data Sources. Poster presentation at the Capitol of Texas Undergraduate Research Conference, Austin, Texas, USA, March 2023.

¥Bhatia, M. ¥Kadamba, S. ¥de Guia, R.A. ¥Ansari, H. & Osier, N.. Babies Under Bili Lights: Explaining Infant Jaundice to Kids. Poster presentation at Longhorn Research Week, Austin, Texas, USA, April 2023.

¥Hayat, A., ¥Harihar, A., ¥Gonzalez Osorio, C., & Osier, N. The Stages of Cancer Treatment. Poster presentation at Longhorn Research Week, Austin, Texas, USA, April 2023.

¥Gonzalez Osorio, C. ¥Hayat, A., ¥Nanda, S., & Osier, N. Video Games as Treatment for ADHD. Poster presentation at Longhorn Research Week, Austin, Texas, USA, April 2023.

Osier, N., ¥Navales, J., ¥Yoon, Y. ¥Barve, V., ¥Bhatia, M., & ¥De Guia, R.A., Educational Development of Cultural Humility in Future Healthcare Professionals. Poster presentation at Longhorn Research Week, Austin, Texas, USA, April 2023.

Osier, N. Trauma-Informed Practice: One Professor's Simple Strategies. Podium presentation at Cultural Inclusion Institute Conference, San Antonio, Texas, USA, April 2023.

Osier, N. A Novel Assignment to Promote Critically Thinking about Health Equity for Vulnerable Groups. Podium presentation at Cultural Inclusion Institute Conference, San Antonio, Texas, USA, April 2023.

Roache, A., Meyer, J., Huerta, C., Fenton, R., & Osier, N. How Cultural Symposium Networking Can Lead to Expanded Diversity Equity Inclusion Outreach and Understanding Social Determinants of Health. Podium panel presentation at Cultural Inclusion Institute Conference, San Antonio, Texas, USA, April 2023.

*¥Ghaly, M, ¥Ghaly, D., ¥Rehman, A., ¥Subramanian, A., & Osier, N. Promoting Equity and Inclusion in STEM: Diversifying Research Team and Participant Recruitment Through Community and Institution-Based Comparative Demographic Analysis. Poster presentation at Texas Society for Public Health Education Conference, Austin, Texas, USA, October 2023.

Osier, N., ¥Ghaly, D., ¥Ghaly, M., ¥Poonuru, S., & ¥Pathak, Z. Measuring Mentorship's Magnitude: A Mechanism and Model for Metrics Management. Poster presentation at UT System Innovations in Health Science Education Conference. Austin, Texas, Austin, Texas, USA, February 2024.

¥Ghaly, D., ¥Ghaly, M., ¥Poonuru, S., ¥Pathak, Z. & Osier, N. Application of Just Culture Principles and Best Practices for Effective Research Mentorship of Undergraduates. Poster presentation at UT System Innovations in Health Science Education Conference. Austin, Texas, Austin, Texas, USA, February 2024.

First Place in People's Choice Award

¥Ghaly, D., ¥Ghaly, M., ¥Poonuru, S., ¥Pathak, Z., & Osier, N. Application of Just Culture Principles and Best Practices for Effective Research Mentorship of Undergraduates. Poster presentation at St. David's CHPR Annual Conference, Austin, Texas, USA, March 2024.

Runner Up: Undergraduate Student Poster Award

¥Ghaly, D., ¥Ghaly, M., ¥Poonuru, S., ¥Pathak, Z., & Osier, N. Application of Just Culture Principles and Best Practices for Effective Research Mentorship of Undergraduates. Poster presentation at Capitol of Texas Undergraduate Research Conference, Austin, Texas, USA, March 2024.

¥Bhatia, M., ¥DeGuia, R.A., ¥Barve, V., & Osier, N. 2023-2024 Updated Undergraduate Research Assistant Recruitment Strategy: The Osier Lab. Poster presentation at Longhorn Research Week

Poster Session, The University of Texas at Austin, Austin, Texas, USA, April 2024.

¥Hayat, A., ¥Harihar, A., ¥Bui, K., ¥Garcia, H., & Osier, N. 3 Parent Babies: Techniques to Prevent Mitochondrial Disorders. Poster presentation at Longhorn Research Week Poster Session, The University of Texas at Austin, Austin, Texas, USA, April 2024.

¥Bartholomew, M., ¥Nanda, S., ¥Vishnubotla, V. & Osier, N. The Physician-Patient Relationship and Time: A Systematic Review. Poster presentation at Longhorn Research Week Poster Session, The University of Texas at Austin, Austin, Texas, USA, April 2024.

¥Barve, V., ¥Yoon, Y., ¥Hernandez, M., ¥Vishnubhotla, A., & ¥Kim, S. Greener Pastures: Spreading Our Proven Paper Writing Strategy through Grass Roots Development of a Novel Signature Course. Poster presentation at Longhorn Research Week Poster Session, The University of Texas at Austin, Austin, Texas, USA, April 2024.

¥Hayat, A., ¥Bui, K., & Osier, N. Facilitating Authorship of FYM Papers Using a Step By Step Guide and Check In System. Poster presentation at Longhorn Research Week Poster Session, The University of Texas at Austin, Austin, Texas, USA, April 2024.

¥Kim, A., ¥Sutthipong, P., ¥LeVaughn, M., & Osier, N. Brain Chemicals That Make Us Happy or Sad. Poster presentation at Longhorn Research Week Poster Session, The University of Texas at Austin, Austin, Texas, USA, April 2024.

Honorable Mention: Poster Presentation

Honorable Mention: Poster Design

¥Hayat, A., ¥Harihar, A., & Osier, N. A Novel Database to Support Student Success in Writing Abstracts and Designing Presentations. Poster presentation at Longhorn Research Week Poster Session, The University of Texas at Austin, Austin, Texas, USA, April 2024.

¥Bhatia, M., ¥DeGuia, R.A., ¥Barve, V., & Osier, N. 2023-2024 Onboarding Processes and Methods for Newbie Acclimation and Retention In Undergraduate-Led Lab. Poster presentation at Longhorn Research Week Poster Session, The University of Texas at Austin, Austin, Texas, USA, April 2024.

Honorable Mention: Poster Presentation

¥Nguyen, S., ¥Nanda, S., ¥Nguyen, C., & Osier, N. Mitochondrial Diseases: When the Powerhouse Malfunctions. Poster presentation at Longhorn Research Week Poster Session, The University of Texas at Austin, Austin, Texas, USA, April 2024.

¥Hayat, A., ¥Barve, V., ¥Yoon, Y., & Osier, N. & Osier, N. A Novel Approach to Inclusion of Undergraduate Volunteers in the Creation of an Open Educational Resource. Poster presentation at Longhorn Research Week Poster Session, The University of Texas at Austin, Austin, Texas, USA, April 2024.

Honorable Mention: Poster Presentation

¥Ugochukwu, G., ¥Nanda, S., & Osier, N. A Novel System for Tracking Volunteer Hours and Making Team-Wide Announcements Using Weekly Google Survey. Poster presentation at Longhorn Research Week Poster Session, The University of Texas at Austin, Austin, Texas, USA, April 2024.

¥Ugochukwu, G., ¥Nanda, S., ¥Obuobisah, A. & Osier, N. Intratumoral Immunotherapy: Path to Systemic Immunity. Poster presentation at Longhorn Research Week Poster Session, The University of Texas at Austin, Austin, Texas, USA, April 2024.

¥Kadamba, S., ¥Nanda, S., & Osier, N. Photographs of the Brain: Explaining Traumatic Brain Injury and Neuroimaging Techniques to Kids. Poster presentation at Longhorn Research Week Poster

Session, The University of Texas at Austin, Austin, Texas, USA, April 2024.

¥Ghaly, M., ¥Ghaly, D., ¥Poonuru, S., ¥Pathak, Z., & Osier, N. Application of Just Culture Principles and Best Practices for Effective Research Mentorship of Undergraduates. Poster presentation at Longhorn Research Week Poster Session, The University of Texas at Austin, Austin, Texas, USA, April 2024.

Honorable Mention: Poster Presentation and Honorable Mention: Poster Design

¥Ghaly, M., ¥Ghaly, D., ¥Poonuru, S., ¥Pathak, Z., & Osier, N. Application of Just Culture Principles and Best Practices for Effective Research Mentorship of Undergraduates. Poster presentation at the College of Natural Sciences Undergraduate Research Forum, The University of Texas at Austin, April 2024

¥Hayat, A., ¥Barve, V., ¥Yoon, Y., ¥Bui, K., & Osier, N. A Novel Approach to Inclusion of Undergraduate Volunteers in the Creation of an Open Educational Resource. Poster presentation at Center for Health IPE Interprofessional Health Showcase, Austin, Texas, USA, April 2024.

¥Ghaly, D., ¥Ghaly, M., ¥Poonuru, S., ¥Pathak, Z., & Osier, N. Application of Just Culture Principles and Best Practices for Effective Research Mentorship of Undergraduates. Poster presentation at Center for Health IPE Interprofessional Health Showcase, Austin, Texas, USA, April 2024.

¥Harihar, A., ¥Gonzalez Osorio, C., ¥Witten, G., §O'Leary, S., & Osier, N. A Systematic Review of Gene Editing Delivery Systems for Glioblastoma Multiforme. Poster presentation at Center for Health IPE Interprofessional Health Showcase, Austin, Texas, USA, April 2024.

Finalist for the Best Literature Review Category

Osier, N., & ¥Vishnubhotla, A., Watering Two Plants with One Hose: A Novel Way to Assess Participation and Promote Future Success. Poster presentation at Cultural Inclusion Institute Conference, San Antonio, Texas, USA, April 2024.

Osier, N., ¥Ghaly, M., ¥Ghaly, D., ¥Poonuru, S., & ¥Pathak, Z. Applying Just Culture Best Practices in an Undergraduate Research Mentorship Program. Poster presentation at Cultural Inclusion Institute Conference, San Antonio, Texas, USA, April 2024.

Osier, N., Murphy, L., Flippo, J., and Gamez, Y. Rethinking Student Organizations: One School's Leadership Response in Light of SB-17. Poster presentation at Cultural Inclusion Institute Conference, San Antonio, Texas, USA, April 2024.

¥Ghaly, M., ¥Ghaly, D., ¥Poonuru, S., ¥Pathak, Z., & Osier, N. Application of Just Culture Principles and Best Practices for Effective Research Mentorship of Undergraduates. Poster presentation at the Texas Conference on Health Disparities, Fort Worth, Texas, USA, June 2024.

Osier, N. Signing Away My Life As Students Watch & Witness: A Novel Way to Amplify Advance Care Planning. Poster at the Health Care Institute Conference, San Antonio, Texas, USA, April 2025.

REFEREED PRESENTATIONS – Forthcoming (Accepted)

Student Mentoring: [§ = Graduate student; £ = research assistant; ¥ = undergraduate] **Data-Based***

Accepted & Upcoming International Conference Presentations

N/A as of 2025-09-30

Accepted & Upcoming National Conference Presentations

N/A as of 2025-09-30

Accepted & Upcoming Institutional and Regional Conference Presentations

N/A as of 2025-09-30

REFEREED PRESENTATIONS – Submitted & Under Review

Student Mentoring: [§ = Graduate student; £ = research assistant; ¥ = undergraduate student]

Data-Based: [* = data-based]

Submitted & Under Review International Conference Presentations

N/A as of 2025-09-30

Submitted & Under Review National Conference Abstracts for Presentation

N/A as of 2025-09-30

Submitted & Under Review Institutional and Regional Conference Presentations

N/A as of 2025-09-30

INVITED PRESENTATIONS – Completed**Completed Invited Presentations**

*Osier, N. Characterization of the melatonergic system after traumatic brain injury. Invited podium presentation at Sigma Theta Tau Eta Chapter Scholars Night, Pittsburgh, Pennsylvania, USA, March 2015.

*Osier, N. Applications of molecular genomic research techniques in my work and advice for nurses interested in genomics. Invited podium presentation at the National Institute for Nursing Research Summer Genetics Institute, Bethesda, Maryland, USA, June 2017.

*Osier, N. Genetic Variation in Candidate Biomarkers Predicts Recovery and May Affect Biomarker Utility. Invited podium presentation at Texas Nurse Practitioners Conference, Austin, Texas, USA, September 2017.

*Osier N. Gene & Protein Contributors to Brain Injury Pathology & Recovery. Invited podium presentation at CHPR Symposia, Austin, Texas, USA, September 2017.

Osier, N. What Do Nurses Research Anyway? Improving Patient Outcomes Through Research. Invited podium keynote address to the Epsilon Theta Research Dinner, Austin, Texas, USA, March, 2018.

Osier, N. Save Our Genes! Invited podium presentation at Explore UT Day, Austin, Texas, USA, March 2018.

Osier, N. TBI Research: Framework, Methods, & Technology. Invited podium presentation at U.S. Army Medical Department Center & School Graduate School Research & Education Symposium, San Antonio, Texas, USA, April 2018.

Osier, N. Nurses Make Sustainability Simple. Invited podium presentation at UT Austin Sustainability Showdown, Austin, Texas, USA, April 2018.

Osier, N. Untitled. Invited podium presentation at TCRSS Gallman Workshop, Austin, Texas, USA, June 2018.

Osier, N. Building Connections: Giving Students Flexibility in Demonstrating What They Know. Invited podium at New Faculty Symposium, Austin, Texas, USA, August 2018.

Osier, N., Tabloski, P. PhD in Nursing. Invited webinar presentation at American Association of Colleges of Nursing, October 2018.

Osier, N. Direct to Consumer Testing. Invited webinar presentation at International Society for Nurses in Genetics. November 2018.

Osier, N. An exploratory study of allostatic load and its impact on response to an 8-week self-management program for multiple sclerosis. Invited podium presentation at St. David's CHPR Conference, Austin, Texas, USA, February 2019.

Osier, N. Save Our Genes! Invited podium presentation at Explore UT Day, Austin, Texas, USA, March 2019.

Osier, N. Nurses Contribute to the World Health Organization's Sustainability Plan. Invited podium presentation at the Sustainability Showdown, Austin, Texas, USA, April 2019.

Osier, N., An exploratory study of allostatic load and its impact on response to an 8-week self-management program for multiple sclerosis. Invited podium presentation at TCRSS External Advisory Committee Meeting, Austin, Texas, USA, May 2019.

Osier, N. Update on my Digital Innovation Project. Invited podium talk at Apple & American Association of Colleges of Nursing's Digital Innovation Bootcamp, Austin, Texas, USA, June 2019.

Osier, N., Student Engagement & Active Learning Strategies. Invited demonstration and Panel Discussion presented at Faculty Development Session for School of Nursing. Austin, Texas, USA, August 2019.

Osier, N. Establishing and growing a biological bank of neurotrauma patients. Invited podium talk at American Association of Neuroscience Nurses Conference, Austin, Texas, USA, August, 2019.

Osier, N. How I Combined Several Passions into One Exciting Career as a Nurse Scientist!. Invited webinar presented at the keynote address promoted during Health Professions Week, Virtual, October 2019.

Osier, N. Faculty Peer Support Session. Invited podium presentation presented for the Faculty Innovation Center at UT Austin. Austin, Texas, USA, April 2020.

Osier, N., Dawson, K. Accessibility in Classroom and Course Materials. Invited podium presentation at Provost's Teaching Fellows Think Tank, Austin, Texas, USA, September 2021.

Osier, N. Utilizing Research Volunteers (RVs) in a Study Team. Invited webinar presentation at Ascension Seton, Virtual, April 2022.

Osier, N. Where Do I Start? Building an RV Team. Invited webinar presentation at Ascension Seton, Virtual, June 2022.

Osier, N. What Do I Need to Do Before Onboarding RVs to Prepare for Them? Invited webinar presentation at Ascension Seton, Virtual, July 2022.

Osier, N. Compliance and the RV Team. Invited webinar presentation at Ascension Seton, Virtual, August 2022.

Osier, N., Hurt, J., & Hayat, A. (2024). Adopting and Creating Open Educational Resources. Invited panel discussion at Open Education Week 2024, Virtual, March 2024.

Osier, N. Genomic Ethics. Vanderbilt University's Translation & Integration of Genomics is Essential to Doctoral Nursing (TIGER) Grant Cohort, Virtual, September, 2024.

Osier, N. Genomic Ethics. Vanderbilt University's Translation & Integration of Genomics is Essential to Doctoral Nursing (TIGER) Grant Cohort, Virtual, September, 2025.

Accepted & Upcoming Invited Presentations

N/A as of 2025-09-30

PROFESSIONAL ORGANIZATIONS, SERVICE

Professional Organization Memberships & Service

The Open Education Conference Board of Directors - member: elected 11/22/2024, term: 2025-2027

Sigma Theta Tau International Nursing Honor Society - member: 2010-present

Alpha Psi Chapter - member: 2010-2011

Eta Chapter - member: 2011-2017

Epsilon Theta Chapter - member: 2017-present

International Society of Nurses in Genetics - member: 2011-present

Conference Planning Committee - member: 2014

Task & Finish Group - member: 2014-2016

Education Committee - member: 2016-2020

Educational Products Subcommittee - member: 2016-2020

Educational Products Subcommittee - co-chair: 2017-2018

Education Committee - co-chair: 2017-2020

Organization Committee - member: 2019

Expert Lecture - reviewer: 2020

National Neurotrauma Society - member: 2013-2020

Women in Neurotrauma Research - member: 2013-2020

Annual Conference - ambassador: 2015

Graduate Nursing Student Academy - member: 2015-2017

Leadership Council - member: 2015-2017

University Liaison: 2015-2017
Liaison Coordinator: 2016-2017

National Advisory Council - member: **2015-2019**
Finance Committee - member: 2015-2016
Awards Committee - member: 2017-2019

American Academy of Nursing - member: **2015-2021**
Annual Conference - volunteer: 2017

Association for Women in Science - member: **2016-2020**

American Nurses Association - member: **2017-present**

Texas Nurses Association: 2017-present
Peer Mentor: 2018-2020

Society for Critical Care Medicine - member: **2017-2022**
Accreditation & Learning Strategies Committee - member: 2019-2022
Texas Chapter Research Committee - member: 2018-2020
Alan I. Fields Award - reviewer: 2018, 2019

500 Women Scientists - member: **2018-2020**
Austin Pod Coordinator: 2018-2020

American Association of Neuroscience Nurses - member: **2018-2020**

National League for Nursing - member: **2020-2021**

Council for the Advancement of Nursing Sciences - member; **2020-2022**
Scientific Interest Group - member: 2020-2022

Ascension Seton National Research Volunteer Program Working Group - member: **2021-2023**

COMMITTEE SERVICE

School of Nursing Committees

2017-2022	Graduate Studies Committee, Member
2020-2021	Wellness Committee, Member
2021-2023	Diversity Equity and Inclusion Committee, Member
2022-2022	Strategic Planning Committee, Member
2022-2024	Undergraduate Admissions Committee, Member
2022-2024	Digital Badging Committee
2023-2023	Dean Search Committee, Member
2023-present	Queer Nursing Student Association, Faculty Advisor
2024	Dean's Excellence Awards Committee, Member
2024-2026	Scholarships Committee, Member

2024-present	AEMSN, LeaDS, DNP Review/Interview Committee, Member
2025-continuous	Professional Track Faculty Advancement Committee
2025-2027	Awards Committee (Internal - SON and UT)

University of Texas at Austin Committees

2018-2021	Ethics Flag Committee, Member
2019-2021	Dell Medical School Disability Awareness Group
2020	Online Education Task Force Member
2019-2021	Dell Medical School Culture Council, Member
2020-2024	Provost's Teaching Fellow, Member 2021 Member of the Website Committee 2022 Member of the 10-Year Anniversary Committee 2023-present Dissemination Committee Member
2022-2024	Disabled Faculty Equity Council
2022-present	Office of Undergraduate Research Faculty Advisory Committee
2023-2024	Health Science Scholars Steering Committee
2023-2024	CNS Honors Admissions Committee, Member

OTHER SERVICE

Community Service

2016 Panelist, Health Professions Week Virtual Career Fair

2018 Judge, Austin Regional Science Fair

2018 Storyteller, American Association for the Advancement of Science

Institutional Volunteering

2018 Marshall, UT Austin Honors Day

2018-2019 Faculty Advisor, Heterozygoats

2020 Member of COVID Focus Group on Health Communication

2020-2021 COVID-19 Volunteer Vaccinator, UT Health Austin

2020-2021 Docent for Online Teaching Days

2022 Panelist, First Generation Students in Research Panel

2023 Docent, Texas Teach Up, The University of Texas at Austin

2024 Docent, Texas Teach Up, The University of Texas at Austin

Editorial Positions

Frontiers in Neurology, Associate Editor, November 2018-present

Invited Reviews

International Journal of Molecular Sciences, peer review of manuscript, April 2017

Open Veterinary Journal, peer review of manuscript, July 2017

Annals of Emergency Surgery, peer review of manuscript, August, 2017

Epigenomes, peer review of manuscript, August, 2017

Brain Sciences, peer review of manuscript, August 2017

Children, peer review of manuscript, September 2017

Epigenomes, peer review of manuscript, October, 2017

Biological Research for Nursing, peer review of manuscript, October 2017

Brain Research Bulletin, peer review of manuscript, October 2017

International Journal of Molecular Sciences, peer review of manuscript, November 2017

Journal of Traumatic Stress, peer review of manuscript, November 2017

Brain Sciences, peer review of manuscript, November 2017

Journal of Traumatic Stress, peer review of manuscript, February 2018

Biological Research for Nursing, peer review of manuscript, February 2018

Journal of Pediatric Neurology, peer review of manuscript, March 2018

Journal of Nursing Scholarship, peer review of manuscript, March 2018

Journal of Traumatic Stress, peer review of manuscript, April 2018

Experimental Neurology, peer review of manuscript, April 2018

Worldviews on Evidence-Based Nursing, peer review of manuscript, May 2018

Journal of Environ Research & Public Health, peer review of manuscript, May 2018

Medical Science Monitor, peer review of manuscript, May 2018

Journal of Traumatic Stress, peer review of manuscript, June 2018

Journal of Nursing Scholarship, peer review of manuscript, June 2018

Journal of Nursing Scholarship, peer review of manuscript, July 2018

Journal of Functional Morphology and Kinesiology, peer review of manuscript, August 2018

Journal of Nursing Scholarship, peer review of a manuscript, September 2018

Journal of Environ Research & Public Health, peer review of manuscript, November 2018

Brain Sciences, peer review of manuscript, November 2018

BMJ Open, peer review of manuscript, November 2018

Frontiers in Neurology, Associated Editor for an Article, December 2018

Life Sciences, peer review of manuscript, January 2019

Brain Sciences, peer review of manuscript, January 2019

Neurology, associate editor for a manuscript, January 2019

Medical Sciences, peer review of manuscript, January 2019

Neuroscience, peer review of manuscript, January 2019

Molecular and Cellular Biochemistry, peer review of manuscript, August 2019

Brain Sciences, peer review of manuscript, September 2019

Brain Sciences, peer review of manuscript, October 2019

Currents in Teaching and Learning, peer review of manuscript, December 2019

Journal of Environ Research & Public Health, peer review of manuscript, July 2020

Frontiers in Neurology, associate editor for a manuscript, August 2021

Frontiers in Neurology, associate editor for a manuscript, July 2021

Frontiers in Neurology, associate editor for a manuscript, February 2023

IEEE Open Journal of Systems Engineering, peer review of manuscript, July 2023

Applied Psychology: Health and Well-Being, peer review of manuscript, January 2024

IEEE Open Journal of Systems Engineering, peer review of manuscript, March 2024

Journal of Child Neurology, peer review of a manuscript, March 2024

Frontiers in Neurology, associate editor for a manuscript, September 2024

Brain Sciences, peer review of manuscript, October 2024

Journal of Nursing Scholarship, peer review of a manuscript, April 2025

Award Reviewer

2024, Student Research Showdown (14 Finalists), UT Austin

2024, Texas Global International Student Scholarship (20 Applications), UT Austin

Abstract Reviewer

2016, Annual Conference, Sigma Theta Tau International Eta Chapter

2016, Annual Conference, International Society for Nurses in Genetics

2017, Annual Conference, International Society for Nurses in Genetics

2017, Annual Conference, Neurocritical Care Society

2018, Annual Conference, National Neurotrauma Society

2018, Annual Conference, Society for Critical Care Medicine (Texas)

2018, Annual Conference, Council for the Advancement of Nursing Science

2018, Annual Conference, International Neurotrauma Society

2018, Annual Conference, International Society for Nurses in Genetics

2019, Annual Conference, Society for Critical Care Medicine (National)

2020, Annual Conference, Society for Critical Care Medicine (Texas)

2020, Annual Conference, International Society for Nurses in Genetics

2021, Annual Conference, St. David's CHPR

2023, Annual Conference, International Society for Nurses in Genetics

2024, Annual Conference, International Society for Nurses in Genetics

Conference Session Moderator

2018, Annual Conference, Society for Critical Care Medicine

2019, Annual Congress, International Society for Nurses in Genetics

Grant Reviewer

2018, International Society for Nurses in Genetics

2019, Society for Critical Care Medicine

Textbook Chapter Reviewer

2020-2021, Genetic Disorders Chapter in *Primary Care Pediatrics for the Nurse Practitioner* reviewed for National Association of Pediatric Nurse Practitioners.

Clinical Practice Guideline Reviewer

2017-2020, *Nursing Management of Adults with Severe Traumatic Brain Injury Clinical Practice Guidelines*, reviewed for American Academy of Neuroscience Nursing.

ADVISING AND MENTORING**Student Academic Advising****PhD Advising**

2018-2019 - Advisor for 1 student (E.G.)

2019-2021 - Advisor for 1 student (K.L.)

LeADS Advising

2022-2024 - Advisor for 3 students (E.C-B., H.C., & N.C.)

Graduate Student Mentoring**LeADS Practicum Mentoring**

2017-2018 (Fall, Spring) - LeADS Practicum Preceptor (A.O.)

DNP Committees

2022-2023 - DNP Thesis Mentor (K.A.)

First placement: Faculty at Galen College of Nursing, Georgetown, TX

2023-2024 - DNP Thesis Mentor (T.S.)

First placement: Psychiatric/Mental Health Nurse Practitioner, Parkland Health, Dallas, TX

Dissertation Committees

2018-2021 - Dissertation Committee Chair, (K.L.)

First placement: Postdoctoral Fellow, University of California, San Francisco, CA

Undergraduate Student Mentoring

Bridging Disciplines Program Theses (UT Austin)

- 2021 (Spring) - Primary Faculty Mentor, Connecting Experience: *Ethics of Biobanking* (P.P.)
- 2022 (Spring) - Primary Faculty Mentor, Connecting Experience: *Pediatric Traumatic Brain Injury* (A.C.)
- 2022 (Fall) - Primary Faculty Mentor, Connecting Experience: *Minority Maternal Mortality* (A.T.)
- 2023 (Spring) - Primary Faculty Mentor, Connecting Experience: *Laboratory Management* (C.G.O.)
- 2024 (Spring) - Primary Faculty Mentor, Connecting Experience: *Professional Development Workshop for Pre-Health Students: Cultural Humility, Patient-Centered Communication, and Ethical Decision Making* (L.S.O.)

Health Science Scholars Honors Program Theses (UT Austin)

- 2021 (Spring) - Primary Faculty Mentor for Thesis: *A Comprehensive View of the Health Disparities in Pediatric Traumatic Brain Injury: A Review* (S.L.)
- 2022 (Fall) - Primary Faculty Mentor for Thesis: *Incorporating Medical Devices into Concussion-Based Legislation to Protect High School Football Players* (B.V.C.)
- 2023 (Spring) - Primary Faculty Mentor for Thesis: *Exploring the experiences of underrepresented minorities in medical schools: A novel framework based on Bourdieu's Theory of Capital* (A.R.)
- 2023 (Spring) - Secondary Mentor/Reader, Thesis: *Prescribing Vision: Vision Therapy as an Academic Intervention for Children with Attention-Deficit/Hyperactivity Disorder* (G.O.)
- 2023 (Spring) - Primary Mentor/Reader, Thesis: *Pre-Medical Mentorship* (A.C.)

Polymathic Scholars Honors Program Theses (UT Austin)

- 2022 (Fall) - Primary Mentor, Thesis: *Mental Health* (J.G.)

Neuroscience Scholars Theses (UT Austin)

- 2019 (Fall) - Primary Mentor, Thesis: *Biomarker Analysis* (A.G.)
- 2024 (Spring) - Primary Mentor, Thesis: *Writing Resources* (A.H.)

BPhil Honor's Theses (University of Pittsburgh)

- 2019 (Spring) - Secondary Mentor, Thesis: *p53 Genetics and Brain Injury* (K.M.)

Student Award Nominations

2020	A.N., Recognized as a Top-10 Finalist for Student Employee of the Year Award
2022	E.L., Selected as Dean's Honored Graduates, delivering a commencement speech to at the 2022 CNS graduation that acknowledges my mentorship and support
2024	J.N., Inducted into the Friar Society
2024	J.N. Nominated (but not selected for) Dean's Honored Graduates
2024	J.N. Nominated (but not selected for) College of Natural Sciences (CNS) Distinction Award
2024	A.H. Recognized as an Honorable Mention 2024 Outstanding Student Volunteer Award

Student Letters of Reference and Noteworthy Distinctions

Student Letters Submitted*

**Note: No record was kept of letters submitted for Fall 2017-Spring 2019 or Summer 2021*

*Summer 2019	Submitted letters of reference on behalf of 15 students
Fall 2019	Submitted letters of reference on behalf of 10 students
Spring 2020	Submitted letters of reference on behalf of 26 students
Summer 2020	Submitted letters of reference on behalf of 4 students
Fall 2020	Submitted letters of reference on behalf of 4 students
Spring 2021	Submitted letters of reference on behalf of 6 students
*AY2021-22	Submitted letters of reference on behalf of 28 students
AY2022-23	Submitted letters of reference on behalf of 23 students
AY2023-24	Submitted letters of reference on behalf of 43 students
AY2024-25	Submitted letters of reference on behalf of 33 students

Noteworthy Student Distinctions Supported by my Letters of Recommendation

2021	S.A.: Internship at the United Nations
2022	K.B.: Full scholarship to Physician Assistant School (Oregon Health & Science University)
2022	E.L.: Internship in the Office of the First Lady
2022	Z.K.: Cancer Research Training Award (CRTA) at National Cancer Institute
2023	A.R.: Research Scholar Apprenticeship in the PIXIE Lab (King's College, London, UK)
2023	S.P.: Fulbright Association Research Scholar

2024 J.N.: Induction into the Friar Society for Lasting Contributions to UT Austin

Faculty Mentoring

- 2019-20 Nicole Murray, PhD, RN, Clinical Assistant Professor (Nursing)
Experiential Learning Ambassador supporting Dr. Murray's course development
- 2022-23 Matt Bowers, PhD, MS, BS, Associate Professor of Instruction (Education)
Provost's Teaching Fellows Mentor supporting Dr. Bower's initiative
- 2023-24 Robert Carroll, PhD, MA, BA, Assistant Professor of Instruction (Moody)
Provost's Teaching Fellows Mentor supporting Dr. Carroll's initiative
- 2024 Di (Wendy) Wang, PhD, Assistant Professor of Instruction (College of Liberal Arts).
Provost's Teaching Fellows Mentor assisting with initiative proposal and other support
- 2024 Elesha Roberts, PhD, RN, CNEcl, CNE, CHSE, Clinical Assistant Professor (Nursing)
Providing support with dissemination of scholarly work as publications & presentations
- 2024 Jennifer Flippo, DNP, CPNP-PC, PMHS, CNEcl, Clinical Assistant Professor (Nursing)
Providing support with dissemination of scholarly work as publications & presentations

TEACHING ASSIGNMENTS AT THE UNIVERSITY OF TEXAS AUSTIN

Graduate Courses

Spring 2018

N999W, Dissertation (K.L.), Instructor

Summer 2018

N284N, Genomic Applications in Health Care, Primary Instructor

Spring 2019

N999W, Dissertation (K.L.), Instructor

Summer 2019

N284N, Genomic Applications in Health Care, Primary Instructor

N999W, Dissertation (K.L.), Instructor

Fall 2019

N999W, Dissertation (K.L.), Instructor

N699W, Dissertation (K.L.), Instructor

Spring 2020

N390N, Teaching and Learning in Academic Settings, Co-Instructor

N999W, Dissertation (K.L.), Instructor

N699W Dissertation (K.L.), Instructor

Summer 2020

N284N, Genomic Applications in Health Care, Primary Instructor

NW399W - Dissertation (K.L.), Instructor

Fall 2020

N281W, Capstone Project Planning Practicum, Co-Instructor

N699W, Dissertation (K.L.), Instructor

Spring 2021

N181Q, Patient Care Practicum, Primary Instructor

Summer 2021

Ns284N, Genomic Applications in Health Care, Primary Instructor

Summer 2022

N284N, Genomic Applications in Health Care, Primary Instructor

Fall 2023

N181W, Capstone Project Planning Practicum, Co-Instructor

Spring 2024

N284N, Genomic Applications in Health Care, Primary Instructor

Spring 2025

N284N, Genomic Applications in Health Care, Primary Instructor

Undergraduate Courses**Fall 2017**

N223, Genetics in Health Care, Primary Instructor

Spring 2018

N223, Genetics in Healthcare, Primary Instructor

Fall 2018

N223, Genetics in Health Care, Primary Instructor
Ethics Flag

Spring 2019

N223, Genetics in Health Care, Primary Instructor
Ethics Flag

NEU377, Undergraduate Research (A.G.), Faculty Mentor

BIO377, Undergraduate Research (S.P.), Faculty Mentor

BDP320K, Connecting Research Experience (J.L.), Faculty Mentor

Fall 2019

N223, Genetics in Health Care, Primary Instructor
Ethics Flag

UGS302, The Art of Science Communication, Primary Instructor
Writing Flag

BIO377, Undergraduate Research (G.M.), Faculty Mentor

Spring 2020

N223, Genetics in Health Care, Primary Instructor

Ethics Flag

NEU379H, Honors Tutorial Course (A.G.), Faculty Mentor

BIO377, Undergraduate Research (A.N.), Faculty Mentor

BIO377, Undergraduate Research (B.P.), Faculty Mentor

Fall 2020

N223, Genetics in Health Care, Primary Instructor

Ethics Flag

BIO377, Undergraduate Research (J.H.), Faculty Mentor

Spring 2021

N223, Genetics in Health Care, Primary Instructor, *Ethics Flag*

NSC371, CNS Honors Capstone Thesis Seminar (S.L), Faculty Mentor

BA353, Internship: Business Administration (A.G.), Faculty Mentor

BA353, Internship: Business Administration (S.H.A.), Faculty Mentor

BDP3720K, Connecting Research Experience (P.P.), Faculty Mentor

Fall 2021

UGS302, The Art of Science Communication, Primary Instructor

Writing Flag

N223, Genetics in Health Care, Primary Instructor

Ethics Flag

BIO377, Undergraduate Research (E.T.), Faculty Mentor

Spring 2022

N223, Genetics in Health Care, Primary Instructor

Ethics Flag

N321, Ethics of Health Care, Primary Instructor

Ethics Flag, Writing Flag

BDP320K, Connecting Research Experience (A.C.), Faculty Mentor

Fall 2022

N223, Genetics in Health Care, Primary Instructor
Ethics Flag

N321, Ethics of Health Care, Primary Instructor **(2 sections)**
Ethics Flag, Writing Flag

UGS303, Cultural Humility in Health Care, Primary Instructor
Writing Flag, Cultural Diversity Flag

BDP320K, Connecting Research Experience (A.T.), Faculty Mentor

Spring 2023

N223, Genetics in Health Care, Primary Instructor
Ethics Flag

N321, Ethics of Health Care, Primary Instructor **(2 sections)**
Ethics Flag, Writing Flag

UGS302, The Art of Science Communication, Primary Instructor, *Writing Flag*

BDP320K, Connecting Research Experience (C.G.O.), Faculty Mentor

Summer 2023

UGS302, The Art of Science Communication, Primary Instructor, *Writing Flag*

Fall 2023

N223, Genetics in Health Care, Primary Instructor
Ethics Flag

N321, Ethics of Health Care, Primary Instructor
Ethics Flag, Writing Flag

UGS303, Cultural Humility in Health Care, Primary Instructor
Writing Flag, Cultural Diversity Flag

NEU377, Undergraduate Research (A.H.), Faculty Mentor

BDP320K, Connecting Research Experience (L.S.O.), Faculty Mentor

Spring 2024

UGS302, The Art of Science Communication, Primary Instructor
Writing Flag

N223, Genetics in Health Care, Primary Instructor
Ethics Flag

N321, Ethics in Health Care, Primary Instructor
Ethics Flag, Writing Flag

BDP320L, Connecting Research Experience (L.S.O.), Faculty Mentor

Fall 2024

N223, Genetics in Health Care, Primary Instructor
Ethics Flag

N321, Ethics of Health Care, Primary Instructor (2 sections)
Ethics Flag, Writing Flag

N250, Interprofessional Collaborative Practice, Faculty Team Leader

NEU377, Undergraduate Research (A.H.), Faculty Mentor

Spring 2025

UGS302, The Art of Science Communication, Primary Instructor
Writing Flag

N223, Genetics in Health Care, Primary Instructor
Ethics Flag

N321, Ethics of Health Care, Primary Instructor
Ethics Flag, Writing Flag

GUEST LECTURES AT THE UNIVERSITY OF TEXAS AUSTIN

Graduate Courses

Fall 2017

N382, Socio-Cultural Influences on Health, Guest Lecturer
Allostatic Load

Spring 2018

PSY394P, Brain & Spinal Cord Injuries, Guest Lecturer
TBI Biomarkers

Summer 2018

N395N, Biostatistics, Guest Lecturer
TBI Biostatistics

Fall 2018

N382, Socio-Cultural Influences on Health, Guest Lecturer
Allostatic Load

Summer 2019

N395N, Biostatistics, Guest Lecturer
TBI Biostatistics

Undergraduate Courses**Spring 2024**

N321, Ethics (Dr. Hensley's Section), Guest Lecturer
LGBTQ Issues
Genomic Ethics

GUEST LECTURES AT WEST VIRGINIA UNIVERSITY**Undergraduate Courses****Fall 2021**

PUBH202, Social Determinants of Health, Guest Lecturer
LGBTQ Issues

GUEST LECTURES AT UNIVERSITY OF PITTSBURGH**Graduate Courses****Summer 2014**

NUR3054, Grant Writing, Guest Lecturer
Demystifying the F31

NUR2004, Pathophysiology, Guest Lecturer
Genetic Disorders

Fall 2014

NUR2004, Pathophysiology, Guest Lecturer
Genetic Disorders

Spring 2015

NUR2004, Pathophysiology, Guest Lecturer
Genetic Disorders

Summer 2015

NUR2004, Pathophysiology, Guest Lecturer
Genetic Disorders

Fall 2015

NUR2004, Pathophysiology, Guest Lecturer
Genetic Disorders

Spring 2016

NUR2004, Pathophysiology, Guest Lecturer
Genetic Disorders

Summer 2016

NUR2004, Pathophysiology, Guest Lecturer
Genetic Disorders

GUEST LECTURES AT UNIVERSITY OF PITTSBURGH**Undergraduate Courses****Spring 2012**

NUR1680, Introduction to Genetics, Guest Lecturer
Cancer Genetics
DNA Variants & Lab Analysis
Forensic Genetics & GMOs
Autosomal & X-Linked Genes

Fall 2012

NUR1680, Introduction to Genetics, Guest Lecturer
DNA Variants & Lab Analysis
Forensic Genetics & GMOs
Autosomal & X-Linked Genes

Spring 2013

NUR1680, Introduction to Genetics, Guest Lecturer
DNA Variants & Lab Analysis
Forensic Genetics & GMOs
Autosomal & X-Linked Genes
Gene-Based Therapies

Summer 2013

NUR1054, Geriatrics, Guest Lecturer
Nutrition for Older Adults

Fall 2013

NUR1680, Introduction to Genetics, Guest Lecturer
Mutations & Consequences
Gene-Based Therapies
Expression & Regulation
Complex Diseases

NUR1054, Geriatrics, Guest Lecturer
Nutrition for Older Adults

Spring 2014

NUR1054, Geriatrics, Guest Lecturer
Nutrition for Older Adults

NUR1680, Introduction to Genetics, Guest Lecturer
Gene Structure & Function

Summer 2014

NUR0020, Pathophysiology, Guest Lecturer
Introduction to Genetics

NUR1054, Geriatrics, Guest Lecturer
Nutrition for Older Adults

Fall 2014

NUR1054, Geriatrics, Guest Lecturer
Nutrition for Older Adults

NUR1680, Introduction to Genetics, Guest Lecturer
Population Genetics

Spring 2015

NUR1054, Geriatrics, Guest Lecturer
Nutrition for Older Adults

NUR1680, Introduction to Genetics, Guest Lecturer
Population Genetics

Summer 2015

NUR0020, Pathophysiology, Guest Lecturer
Introduction to Genetics

NUR1054, Geriatrics, Guest Lecturer
Nutrition for Older Adults

Fall 2015

NUR1680, Introduction to Genetics, Guest Lecturer
Forensic Genetics
Population Genetics

Spring 2016

NUR1680, Introduction to Genetics, Guest Lecturer
Gene Expression
Modified Mendelian Ratios

Summer 2016

NUR0020, Pathophysiology, Guest Lecturer
Introduction to Genetics

CLINICAL SUPERVISION AT UNIVERSITY OF PITTSBURGH

Undergraduate

Summer 2013

NUR1054C, Nursing Care of Older Adults, Primary Instructor

LABORATORY SUPERVISION AT MICHIGAN STATE UNIVERSITY

Undergraduate

Fall 2006

LBS171L, Chemistry Lab 1, Learning Assistant

Spring 2007

LBS172L, Chemistry Lab 2, Learning Assistant

Fall 2007

LBS171L, Chemistry Lab 1, Learning Assistant

Spring 2008

LBS172L, Chemistry Lab 2, Learning Assistant