

Curriculum Vitae

Alexandra L. Nowak, PhD, JD, RN

A. PROFESSIONAL EDUCATION

- 2021 Ph.D., Nursing Science
Dissertation: *Neighborhood Disorder and Epigenetic Regulation of Stress Pathways in Preterm Birth*
College of Nursing, The Ohio State University, Columbus, OH
- 2012 Bachelor of Science in Nursing with Honors
School of Nursing, Oakland University Rochester, MI
- 2001 Juris Doctorate
Wayne State University Law School, Detroit, MI
- 1997 Bachelor of Science with Highest Honors
Madonna University, Livonia, MI

B. PROFESSIONAL EXPERIENCE

- 2025-present Assistant Dean, PhD program, Marcella Niehoff School of Nursing, Loyola University, Chicago, IL
- 2022-present Assistant Professor, tenure-track, Marcella Niehoff School of Nursing, Loyola University, Chicago, IL
- 2021-2022 Post-doctoral Fellow, (T32NR007969; PI: Bakken), Columbia University School of Nursing, New York, NY
- 2017-2021 Research Assistant, Dr. Cindy Anderson, Site PI (R01MD001575; PI Giurgescu).
The Ohio State University College of Nursing, Columbus, OH
- 2016-2017 Research Assistant for Dr. Carmen Giurgescu, PI (R01MD001575; PI Giurgescu). Wayne State University College of Nursing, Detroit, MI
- 2016-2017 Clinical Instructor (Medical/Surgical Nursing) and Simulation Lab Instructor
Baker College of Clinton Township, MI
- 2015-2016 Research Nurse, Perinatology Research Branch, National Institute of Child Health and Human Development, National Institutes of Health, Wayne State University, Detroit, MI
- 2015-2015 Registered Nurse, Labor and Delivery, Sinai Grace Hospital, Detroit, MI
- 2013-2015 Registered Nurse, medical/surgical staff nurse and surgical nurse, Troy
Beaumont Hospital, Troy, MI

C. LICENSURE AND CERTIFICATIONS

Registered Nurse (RN), State of Illinois License No.: 041529729
Michigan State Bar (P59201)
ACLS Certification 2014 – 2016
BLS Certification 2011 – 2017

D. RESEARCH GRANTS

External

- 6/2024-12/2026 *An Integrated Omics Approach to Neighborhood Disadvantage and Preterm Birth in Black Women.* Role: Principal Investigator (75% effort). Funded by National Institute on Minority Health and Health Disparities (NIMHD). Mentored Patient-Oriented Research Career Development Award. NIH Grant# K23MD019315-01 (\$473,040)
- 5/2019-4/2021 *Neighborhood Disorder and Epigenetic Regulation of Stress Pathways in Preterm Birth.* Role: Principal Investigator. Funded by the Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship, NIH Grant# F31NR018363-01A1 (\$78,432)
- 2/2020-2/2021 *Neighborhood Disorder and Epigenetic Regulation of Stress Pathways in Preterm Birth.* Role: Principal Investigator. Funded by Sigma Theta Tau International (STTI) Epsilon Chapter Research Grant Award (\$1,000)
- 11/2019-10/2020 *Neighborhood Disorder and Epigenetic Regulation of Stress Pathways in Preterm Birth.* Role: Principal Investigator. Funded by the Midwest Nursing Research Society (MNRS) Aurora Health Dissertation Grant Award (\$2,500)
- 10/2019-9/2020 *Neighborhood Disorder and Epigenetic Regulation of Stress Pathways in Preterm Birth.* Role: Principal Investigator. Funded by International Society of Nurses in Genetics (ISONG) Research Grant Award (\$2,000)
- 6/2019-5/2020 *Neighborhood Disorder and Epigenetic Regulation of Stress Pathways in Preterm Birth.* Role: Principal Investigator. Funded by the Association of Women's Health, Obstetric and Neonatal Nurses (AWHONN); Kimberly Clark Research Grant Award (\$10,000)
- 4/2017 *Neighborhood Environment, DNA Methylation, and Preterm Birth.* Role: Principal Investigator. Funded by Sigma Theta Tau International Lambda Chapter (\$1,000)

Internal

- 4/2023 Loyola University of Chicago, Summer Stipend (\$7,000)
- 3/2020-3/2021 *Neighborhood Disorder and Epigenetic Regulation of Stress Pathways in Preterm Birth.* Role: Principal Investigator. Funded by The Ohio State University College of Nursing Dissertation Research Grant Award (\$2,000)
- 11/2019-10/2020 *Neighborhood Disorder and Epigenetic Regulation of Stress Pathways in Preterm Birth.* Role: Principal Investigator. Funded by The Ohio State University Alumni Graduate School Grants for Graduate Research and Scholarship (AGGRS) (\$5,000)

Fellowships

- 07/2021-06/2022 T32 Institutional Training Grant, *Reducing Health Disparities Through Informatics (RHeaDI)* Role: Post-Doctoral Fellow, Funded by the National Institutes of Health, NIH Grant# T32NR007969 (PI: Bakken)

6/2017- T32 Institutional Training Grant, *Optimizing Health Development Across*
 4/2019 *Childhood*. Role: Predoctoral Fellow. Funded by the NIH/NINR NIH Grant#
 T32NRR014225 (PI: Pickler & Melnyk)

E. PUBLICATIONS

Data Based Publications -Refereed

1. Lane, B.L., Millender, E.F., Harris, R.M., **Nowak, A.L.**, Josiah, N., Xavier Hall, C.D., Pfeiffer, F., Wong, F.Y., Crusto, C.A., Potts-Thomason, S., Prescott, L., Taylor, J.Y. (2025). Neighborhood deprivation, trauma profiles, coping, and stress prospectively predict depressive symptoms among young African American mothers in the InterGEN Study: A latent class analysis. *Journal of Racial and Ethnic Health Disparities*. <https://doi-org.archer.luc.edu/10.1007/s40615-025-02498-3>
2. Saban, K.L., Janusek, L., De La Pena, P., Lee, S., Tell, D., Mathews, H., **Nowak, A.L.**, Nyembwe, A. & Taylor, J.Y. (2025). Changes in DNA methylation associated with psychobehavioral interventions: A scoping review. *Biological Research for Nursing*, 0(0). 1-17. DOI:10.1177/10998004251346179
3. Woo, J., Nandu, T., **Nowak, A.L.**, Forsman, A., & Giurgescu, C. (2025). Gene expression differences based on low total 25(OH)D and low VDBP status with preterm birth. *International Journal of Molecular Sciences*, 26(10), 4475. <https://doi.org/10.3390/ijms26104475>
4. **Nowak, A.L.**, Saadat, N., Sun, J., Forsman, A.M., Liang, X., Joyce, C., Engeland C.G., Woo, J., Misra, D.P., Giurgescu, C., Zhang, W., Anderson, C. (2024). Preterm birth in African American women: A multi-omic pilot study in early pregnancy. *Biological Research for Nursing*, 27(2), 205-215. DOI: 10.1177/10998004241275049
5. Saadat, N., Aguata, F., **Nowak, A.L.**, Hyer, S., Lin, A.B., Decot, H., Koch, H., Walker, D.S., Lydic, T., Padmanabhan, V., de los Campos, G., Misra, D., Giurgescu, C. (2024). Changes in lipid profiles with the progression of pregnancy in Black women. *Journal of Clinical Medicine*, 13(x). <https://doi.org/10.3390/xxxxx>
6. **Nowak, A.L.**, Anderson, C.M., Zhao, Y., Ford, J.L., Mackos, A., Ohm, J., Tan, A., Saadat, N., Misra, D., Giurgescu, C. (2023). Epigenetic implications of neighborhood disorder and psychological distress among pregnant Black women. *Western Journal of Nursing Research*, 45(9), 781-788. DOI: 10.1177/01939459231184713
7. **Nowak, A.L.**, Anderson, C.M., Ford, J.L., Mackos, A., Ohm, J., Saadat, N., Tan, A., Zhao, Y., Misra, D., Giurgescu, C. (2022). DNA methylation patterns of glucocorticoid pathway genes in preterm birth among Black women. *Biological Research for Nursing*, 24(4), 493-502. DOI:10.1177/10998004221099253
8. Giurgescu, C., Wong, A.C., Rengers, B., Vaughan, S., **Nowak, A.L.**, Price, M., Dailey, R.K., Anderson, C.M., Walker, D.S., & Misra, D.P. (2022). Loneliness and depressive symptoms among pregnant Black women during the COVID-19 Pandemic. *Western Journal of Nursing Research*. 44(1), 23-30. DOI: 10.1177/01939459211043937
9. **Nowak, A.L.**, Giurgescu, C., Templin, T.N., Dailey, R.K., Misra, D. (2020). How depressive symptoms among African American women relate to measures of social disorder in her childhood and pregnancy neighborhood. *Journal of Urban Health*, 97(1), 26-36. DOI:10.1007/s11524-019-00409-1

10. Ford, J.L., Anderson, C., Gillespie, S. Giurgescu, C., Nolan, T., **Nowak, A.**, & Williams, K.P. (2019). Social integration and quality of social relationships as protective factors for inflammation in a nationally representative sample of Black women. *Journal of Urban Health*, 96 (Suppl 1), S35–S43. DOI:10.1007/s11524-018-00337-x
11. Giurgescu, C., Fahmy L, Slaughter-Acey, J., **Nowak, A.**, Caldwell, C., Misra, D. (2018) Can support from the father of the baby buffer the adverse effects of depressive symptoms on risk of preterm birth in Black families? *AIMS Public Health*, 1(5): 89-98. DOI:10.3934/publichealth.2018.1.89

Non-Data Based Publications -Refereed

12. Solberg, M.A., Schlegel, E.C., Spurlock, E.J., Blair, L.M., & **Nowak, A.L.** (2023). Fostering early career nursing faculty support in the academy: The power of “Academic Therapy.” *Nurse Educator*, Published online, August 14, 2023. DOI:10.1097/NNE.0000000000001504
13. Schlegel, E.C., Kalvas, L.B., Sherman, J.P., Holod, A. F., Ko, E., Cistone, N., Miller, E., Sealschott, S.D., & **Nowak, A.L.** (2022). PhD student perspectives on maintaining and formalizing peer mentorship during the COVID-19 pandemic. *Journal of Professional Nursing*, 41, 65–74. <https://doi.org/10.1016/j.profnurs.2022.04.010>
14. Giurgescu C., Misra D.P., Slaughter-Acey J.C., Gillespie S.L., **Nowak A.L.**, Dove-Medows E., Engeland C.G., Zenk S.N., Lydic T.A., Sealy-Jefferson S., Ford J., Drury S., & Stemmer, P. (2022) Neighborhoods, racism, stress, and preterm birth among African American women: A review. *Western Journal of Nursing Research*, 44(1), 101-110. DOI:10.1177/01939459211041165
15. **Nowak, A.L.**, Giurgescu, C., Ford, J.L., Mackos, A., Ohm, J., Tan, A., Pietrzak, M., Anderson, C.M. (2022). Methodologic considerations for epigenomic investigation of preterm birth in African American women. *Western Journal of Nursing Research*, 44(1), 81-93. DOI: 10.1177/01939459211030339
16. Wong, A.C., Rengers, B., **Nowak, A.L.**, Schoeppner, S., Price, M., Dailey, R.K., Anderson, C.M., Misra, D.P., & Giurgescu, C. (2020). Timing of prenatal care initiation and psychological well-being in Black women. *MCN. The American Journal of Maternal Child Nursing*, 45(6), 344-350. DOI:10.1097/NMC.0000000000000661
17. **Nowak, A.L.**, Anderson, C.M., Mackos, A.R., Gillespie, S.L. (2020). Stress during pregnancy and epigenetic modifications to offspring DNA: A systematic review of associations and implications for preterm birth. *The Journal of Perinatal & Neonatal Nursing*, 34(2), 134-145. DOI:10.1097/JPN.0000000000000471
18. Giurgescu, C., **Nowak, A.L.**, Gillespie, S., Nolan, T., Anderson, C.M., Ford, J., Hood, D.B., Williams, K.P. (2019). Neighborhood environment and DNA methylation: Implications for cardiovascular disease risk. *Journal of Urban Health*, 96(Suppl 1), 23-34. DOI: 10.1007/s11524-018-00341-x
19. Misra, D.P., Slaughter-Acey, J. Giurgescu, C., **Nowak, A.**, Sealy-Jefferson, S. (2017). Why do Black women experience higher rates of preterm birth? *Current Epidemiology Reports*. 4(2), 83-97. DOI:10.1007/s40471-017-0102-3
20. **Nowak, A.** & Giurgescu, C. (2017). The built environment and birth outcomes: A systematic review. *MCN, The American Journal of Maternal Child Nursing*, 42(1): 14-20. DOI: 10.1097/NMC.0000000000000299

Published Abstracts

1. Dailey, R., Peoples, A., Rengers, B., Wong, A.C., Daughters, K., Price, M., Vaughan, S., Dove-Medows, E., **Nowak, A.**, Zhang, L., Levy, P.D., Misra, D., Giurgescu, C. (2020) Abstract 15788: Hypertensive disorders of pregnancy in urban Black women: The Biosocial Impact on Black Births (BIBB) Study. *Circulation*. 142(Suppl 3), A15788-A15788
2. ***Nowak, A.**, Engeland, C.G., Zenk, S.N., Misra, D.P., Giurgescu, C. (2018). Perceptions of neighborhood crime relate to systemic inflammation among pregnant African American women. Proceedings of the at the 42nd Midwest Nursing Research Society. *Western Journal of Nursing Research*, 40(10), 1569-1570

E. PRESENTATIONS

Oral Presentations – Data-Based:

International

1. **Nowak, A.L.**, Solberg, M., Liang, X., Blair, L., Misra, D., Giurgescu, C., (November 23, 2024). *Adverse Childhood Experiences, DNA Methylation, and Depressive Symptoms in Black Pregnant Women*. Podium Presentation, International Society of Nurses in Genetics, 2024 World Congress, San Diego, CA.
2. **Nowak, A.L.**, Anderson, C.M., Zhao, Y., Ford, J.L., Mackos, A., Ohm, J., Tan, A., Saadat, N., Misra, D., Giurgescu, C. (July 23, 2022). *DNA Methylation Patterns of Glucocorticoid Pathway Genes in Preterm Birth among African American Women*. Podium presentation at Sigma Theta Tau International, 33rd International Nursing Research Congress, Edinburgh, Scotland.
3. **Nowak, A.L.**, Anderson, C.M., Zhao, Y., Ford, J.L., Mackos, A., Ohm, J., Tan, A., Saadat, N., Misra, D., Giurgescu, C. (November 6, 2021). *Epigenetic Implications of Neighborhood Disorder and Psychological Distress among Pregnant African American Women*. Podium presentation at the International Society of Nurses in Genetics, 2021 World Congress, Virtual Congress.
4. Gillespie, S.L., Neal, J., Mackos, A.R., **Nowak, A.L.**, Giurgescu, C., & Anderson, C.M. (November 9, 2019). *Maternal Toll-Like Receptor 4 Signaling as a Function of Parity and offspring sex*. Podium presented at the International Society of Nurses in Genetics, 2019 World Congress, San Antonio, TX.

National

5. **Nowak, A.L.**, Saadat, N., Anderson, C.M., J., Forsman, A., Zhang, W., Sun, J., Woo, J., Engeland, C., Misra, D., Giurgescu, C. (September 15, 2022). *Differential Gene Expression among African American Women with Preterm and Full-Term Births*. Podium presentation at the Council for the Advancement of Nursing Science; 2022 State of the Sciences Congress on Nursing Research: Social and Structural Determinants of Health, Washington, DC.

Regional

6. **Nowak, A.L.**, Solberg, M., Liang, X., Blair, L., Misra, D., Giurgescu, C., (March 28, 2025). *Adverse Childhood Experiences, DNA Methylation, and Depressive Symptoms in Black Pregnant Women*. Podium Presentation, 48th Annual Midwest Nursing Research Society Conference. Indianapolis, IN.

7. **Nowak, A.L.**, Saadat, N., Sun, J., Forsman, A.M., Liang, X., Joyce, C., Engeland C.G., Woo, J., Misra, D.P., Giurgescu, C., Zhang, W., Anderson, C. (February 2024). *Preterm birth in African American women: A multi-omic pilot study in early pregnancy*. Poster presentation at the 47th Annual Midwestern Nursing Research Society Conference, Minneapolis, MN. Awarded distinguished Abstract.
8. **Nowak, A.L.**, Anderson, C.M., Ohm, J., Saadat, N., Forsman, A., Zhang, W., Sun, J., Misra, D., Giurgescu, C. (April 2022). *Differential Gene Expression among African American Women with Preterm and Full-Term Births*. Podium presentation at the 46th Annual Midwest Nursing Research Society Conference. Schaumburg, IL.
9. **Nowak, A.L.**, Anderson, C.M., Zhao, Y., Ford, J.L., Mackos, A., Ohm, J., Tan, A., Saadat, N., Misra, D., Giurgescu, C. (March 2021) *DNA Methylation Patterns of Glucocorticoid Pathway Genes in Preterm Birth among African American Women*. Poster presentation at the 45th Annual Midwest Nursing Research Society Conference. Virtual Conference. <https://mnrs.org/annual-conference/2021-annual-research-conference-2/>
10. **Nowak, A.L.**, Misra, D., Templin, T., Giurgescu, C. (March 2020). *Childhood Neighborhood Disorder Relates to Depressive Symptoms among Pregnant African American Women*. Symposium podium presentation at the 34th annual research conference for the Southern Nursing Research Society (SNRS). New Orleans, LA. (Conference canceled).
11. Giurgescu, C., Fahmy, L., Slaughter-Acey, J., **Nowak, A.**, Caldwell, C., Misra, D.P. (April 2018). *Can Support from the Father of the Baby Buffer the Adverse Effects of Depressive Symptoms on Risk of Preterm Birth in Black Families?* Oral presentation at the 42nd Midwest Nursing Research Society conference, Cleveland, OH.

Oral Presentations - Non-Refereed

International

12. **Nowak, A.L.** (2019, March 9). *Neighborhood Disorder and Epigenetic Pathways of Stress Pathways in Preterm Birth: Dissertation Methods*. Podium presentation at University of Basel Doctoral Nursing Research Exchange, Engelberg, Switzerland.

Local

13. **Nowak, A.L.** (2025, March 14). *Omic Approaches to Neighborhood Disadvantage and Preterm Birth in Black Women*. Podium presentation at the 38th Annual Palmer Symposium for Nursing Research. Loyola University, Chicago, IL.

Non-Data Based Presentations – Refereed

14. **Nowak, A.L.**, Giurgescu, C., Ford, J.L., Mackos, A., Tan, A., Anderson, C.M. (November 13, 2020). *Methodologic Considerations for Epigenetic Investigation of Preterm Birth, Neighborhood Disorder, and Distress in Pregnant African American Women*. Podium presentation at the International Society of Nurses in Genetics, 2020 World Congress, Virtual Congress.

Poster Presentations – Refereed

International

15. **Nowak, A.**, Gillespie, S., Mackos, A., Anderson, C. (October 27, 2018). *Methodological Approach to a Systematic Review of Placental DNA Methylation and Histone Modification Markers in*

Preeclampsia. Poster presented at the International Society of Nursing in Genetics, 2018 World Congress, Orlando, FL.

Regional

16. **Nowak, A.L.**, Sadaat, N., Sun, J., Liang, X., Forsman, A.M., Woo, J., Engeland, C.G., Misra, D.P., Giurgescu, C., Zhang, W., Anderson, C.M. (March 1, 2024). *Preterm Birth in African American Women: A Multi-Omic Approach in Early Pregnancy*. Poster presentation at the 48th Annual Midwestern Nursing Research Society Conference, Minneapolis, MN. Awarded Distinguished Abstract
17. Saban, K.L., DeLaPena, P., Tell, D., Janusek, L, Mathews, H., **Nowak, A.**, Jones-Patten, A., Taylor, J. (November 4, 2023). *Changes in DNA Methylation Associated with Psychobehavioral Interventions: A Scoping Review*. Poster Presented at the International Society of Nurses in Genetics. Providence, Rhode Island.
18. **Nowak, A.**, Gillespie, S., Mackos, A., Anderson, C.M. (September 15, 2018). *Maternal Blood DNA Methylation Markers Across Pregnancy Complicated by Preeclampsia: A Systematic Review*. Podium presentation at the Council for the Advancement of Nursing Science; 2018 State of the Sciences Congress on Nursing Research: Precision Health, Washington DC.
19. **Nowak, A.**, Misra, D., Templin, T., Giurgescu, C. (March 2019). *Childhood Neighborhood Disorder Relates to Depressive Symptoms among Pregnant African American Women*. Poster presented at the 43rd Midwest Nursing Research Society Annual Conference, Kansas City, MO.
20. **Nowak, A.**, Engeland, C.G., Zenk, S.N., Misra, D.P., Giurgescu, C. (April 2018). *Perceptions of Neighborhood Crime Relate to Systemic Inflammation Among Pregnant African American Women*. Poster presented at the 42nd Midwest Nursing Research Society Annual Conference, Cleveland, OH. Awarded Distinguished Abstract.

Local

21. Woo, J., Nandu, T., **Nowak, A.L.**, Sun, Jiao, Zhang, W., Forsman, A., Misra, D., Kraus, W.L., Giurgescu, C. (September 7, 2022). *Gene Expression Differences in Pregnant Black Women with Spontaneous Preterm Birth Based on Vitamin D Status*. Poster Presentation at the 2022 Vitamin D Workshop. Austin, Texas.
22. **Nowak, A.**, Giurgescu, C. & Krouse, H. (March 8, 2017). *Residential Greenness and Birth Outcomes: A Systematic Review*. Poster presented at the Graduate and Postdoctoral Research Symposium, Wayne State University, Detroit, MI.

Special Panels

23. Giurgescu, C., Anderson, C.M., **Nowak, A.**, Saadat, N., Wheeler, J. (February 27, 2025). *Interdisciplinary Collaboration*. Panel discussion during the PhD Intensive event at the University of Central Florida, College of Nursing.
24. Gillespie, G., Anthony, M., Saban, K., Bien, E., **Nowak, A.**, Lu, Y. (March 30, 2023). *Special Session: Junior Faculty Career Development: Successfully Negotiating for that first Faculty Position*. Podium presentation and panel discussion at the 47th Annual Midwestern Nursing Research Society Conference. Des Moines, IA.
25. Giurgescu, C., **Nowak, A.L.**, Hyer, S., & Khalil, D. (May 2021). *Successful mentoring relationships for advancing scholarship*. Midwest Nursing Research Society (virtual).

Invited Research

26. Guest Lecturer, The Ohio State University, Columbus, OH (June 25, 2025). *Omic Approaches to Neighborhood Disadvantage and Preterm Birth in Black Women.*
27. Panelist, University of Central Florida, Orlando, FL (February 27, 2025). *Interdisciplinary Collaboration.* PhD Intensive; Academic engagement.
28. Guest Lecturer, University of Central Florida, Orlando, FL (April 6, 2023). *Neighborhood Disorder, DNA Methylation, Gene Expression, and Preterm Birth in Black Women.*
29. Guest Lecturer, Frances Payne Bolton School of Nursing, Case Western Reserve University (March 23, 2023). *Epigenetic Implications of Neighborhood Disorder and Psychological Distress among Pregnant African American Women.*
30. Panelist, The Ohio State University, College of Nursing (November 21, 2022). Dissertation Seminar. *Writing for publication- Tips and Strategies* (virtual).
31. Guest Lecturer, The University of Alabama Huntsville (October 21, 2022). *DNA Methylation Patterns of Glucocorticoid Pathway Genes in Preterm Birth among African American Women.* Precision Health Research Doctoral course: Introduction to Omics (virtual).
32. Guest Lecturer, University of Central Florida, Orlando, FL (March 17, 2021). *Neighborhood Disorder and Epigenetic Regulation of Stress pathways in Preterm birth.*
33. Guest Lecturer, Indiana University School of Nursing, Fort Wayne, IN (March 17 & October 20, 2021). *Epigenetic Implications of Neighborhood Disorder and Psychological Distress among Pregnant African American Women.*
34. Guest Lecturer, Texas Women’s University, College of Nursing, Denton, TX (July 29, 2020). *Neighborhood Disorder and Epigenetic regulation of Stress pathways in Preterm birth.*

F. HONORS AND AWARDS

2025	Midwest Nursing Research Society (MNRS), Perinatal, Sexual and Reproductive Health Research and Implementation Interest Group: Early Career Research Award
2024-2026	Health Disparities Research Loan Repayment Plan Award, National Institute on Minority Health and Health Disparities (NIMHD), National Institutes of Health
2024	Distinguished Abstract Award, Midwest Nursing Research Society.
2023	Fellow: Institute of Medicine, Chicago (IOMC)
2022	Health Disparities Research Institute Scholar (HDRI), National Institute of Minority Health and Health Disparities, National Institutes of Health, August 15-19, 2022
2021	Midwest Nursing Research Society (MNRS), Perinatal, Sexual, and Reproductive Health Research Interest Group Graduate Research Award
2019	The Ohio State University College of Nursing Leona Furste Travel Scholarship Award
2019	University of Washington Scholarship, 24 th Summer Institute in Statistical Genetics (SISG)
2018	Distinguished Abstract Award, Midwest Nursing Research Society
2017	Summer Genetics Institute, NINR Intramural Fellowship Award
2014	Service Excellence Award-Beaumont Hospital
2012	Induction, Sigma Theta Tau International
2012	BSN, <i>Academic Honors</i> , Oakland University, Rochester, MI
1997	BS, <i>Highest Honors</i> , Madonna University, Livonia, MI

G. TEACHING/ADVISING

Courses Taught	Semester	# of Students
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GNUR 402: Ethics for Health Professionals	Fall, 2024 Spring, 2024	41 27
	Fall, 2023 (2 sections)	48
GNUR 360: Nursing Research	Spring, 2023	34
GNUR 293: Pathophysiology	Fall 2022 – Co-taught	30
Med/Surg Clinical I, Baker College, Clinton Twp., MI	Fall, 2016	7

H. PROFESSIONAL ORGANIZATIONS MEMBERSHIP

Sigma Theta Tau International Honor Society of Nursing (STTI) 2012-
American Academy of Nursing, 2025-
International Society of Nurses in Genetics (ISONG), 2017-
Midwest Nursing Research Society (MNRS), 2017-
Michigan Bar Association, Attorney, 2001-
Council for the Advancement of Nursing Science (CANS), 2019-2022
Society for Reproductive Investigation (SRI), 2023-2024
Psychoneuroimmunology Research Society (PNIRS), 2023-2024
National League for Nursing (NLN), 2023-2024
American Informatics Association (AIMA) 2021-2022
American Society of Human Genetics (ASHG) 2021-2022
Association of Women’s Health, Obstetric, and Neonatal Nurses (AWHONN) 2016-2022
International Society for Developmental Origins of Health and Disease (DOHaD) 2020-2021
American Congress of Obstetricians and Gynecologists (ACOG) 2019-2020

I. PROFESSIONAL SERVICE

Marcella Niehoff School of Nursing Committees

PhD Committee,
 Member 2025 (ex officio)
 Associate Dean Faculty Search Committee, DEI liaison, 2025
 Faculty Search Committee, Chair 2024/25
 Research and Scholarship Committee,
 Co-Chair 2023/24, 2025
 Member 2024 – present (ex officio)
 Awards and Scholarship Committee,
 Co-Chair 2023/24
 Chair 2024/25
 Endowed Chair Search Committee,
 Member 2023/24
 Inclusive Excellence Task Force,
 Member 2022/23

The Ohio State University, College of Nursing Committees

Graduate Services Committee member
 Member 2019-2020
 PhD Committee member,

Member 2020
Dean's Advisory Council member
Member 2018

Professional Organization Committees

Research Committee, International Society for Nurses in Genetics (ISONG)
Co-Chair, 2024-26
Research Committee, International Society for Nurses in Genetics (ISONG)
Member, 2019 – present
Sigma Theta Tau, Alpha Beta Chapter Committee
Member, 2023-2024
Ethics Committee, International Society for Nurses in Genetics
Member 2020-2022
Perinatal, Sexual, and Reproductive Health Research & Implementation Interest Group
Midwest Nursing Research Society (MNRS), Committee member 2017-present; Co-Chair,
2020-2021
Physiology, Behavior, Genomics & Society Research & Implementation Interest Group
(MNRS), Committee member 2025 -present

Grant Proposal Reviewer

2025- 2025 National Institutes of Health, CIHD Study Section (June, 2025)
2024- 2025 Midwest Nursing Research Society
2021- 2025 International Society of Nurses in Genetics

Abstract Reviewer

2022 International Society of Nurses in Genetics

Manuscript Reviewer

2025 Journal of Maternal Fetal & Neonatal Medicine
2025 Preventative Medicine Reports
2025 Gene
2024 Journal of Clinical Medicine
2024 BMC Pregnancy and Childbirth
2024 - 2025 Biological Research for Nursing
2023 - 2025 Journal of Advanced Nursing
2024 Clinical Epigenetics
2024 Journal of Personalized Medicine, MDPI
2024 Biology, MDPI
2023 Health Care, MDPI
2023 Psychoneuroendocrinology
2023 International Journal of Environmental Research and Public Health
2022 Women's Health Issues

J. ADDITIONAL TRAINING AND DEVELOPMENT

-Python for Genomic Data Science, Johns Hopkins University, Coursera (Spring 2025)
-Introduction to Genomic Technologies, Johns Hopkins University, Coursera (Autumn 2024)
-HIDS 412, Translational Bioinformatics, Health Informatics and Data Science, Loyola University
(Spring semester, 2025)

- HIDS 411, Clinical Data Science, Health Informatics and Data Science, Loyola University (Autumn semester, 2024)
- Faculty Development Program in Experiential Learning, Center for Engaged Learning, Teaching, and Scholarship (CELTS) (Summer, 2024)
- ECHO on Racism in Nursing, National Commission to Address Racism in Nursing, American Nurses Association (Autumn, 2022)
- Funding and Grantsmanship for Research and Career Development Activities, Columbia University (2/2022-4/2022)
- Epigenetics Boot Camp, Columbia University (2/2022)
- R Boot Camp, Columbia University (1/2022)
- K-Award Development Seminars, Columbia University (10/2021-05/2022)
- K-Award Program for On-Time Proposal Preparation, Columbia University (9/2021)
- Stats on Your Own Workshop, Columbia University (6/2021–8/2021)
- Multi-Omics Boot Camp, Columbia University (6/2021)
- Analysis of Clustered and Hierarchical Data Workshop, Research Methodology Center, The Ohio State University (4/2018)
- Interpretation of Electrocardiograms Workshop (10/2016)
- AWHONN Fetal Heart Monitoring (3/2015)
- Trauma Care After Resuscitation (TCAR); Beaumont Hospital (6/2014)