

# Sara Burke Arter, PhD RN

**Miami University**  
Department of Nursing  
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Assistant Professor  
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## **BIO AND ACCOMPLISHMENTS**

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I am an Assistant Professor at Miami University and a former Robert Wood Johnson Foundation Future of Nursing Scholar. I believe nurses are key to improving the health of our communities and should be leaders in transforming our health care system. This belief guides my work with students, research, and in service to my community. My research focuses on the long-term effects of the opioid epidemic on children and families. My scholarship of teaching and learning focuses on using innovation to improve our preparation of students for professional practice. I also chair the OHRN Public Policy Committee to influence legislation pertaining to the nursing profession, health care, and health of Ohio residents.

## **FORMAL EDUCATION**

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Xavier University, Cincinnati, OH Bachelor of Science in Nursing, 2008	08-2003 to 05-2008 Focus: Nursing
Xavier University, Cincinnati, OH Master of Science in Nursing, 2015	08-2013 to 05-2015 Focus: Nursing Education
University of Cincinnati, Cincinnati, OH Doctor of Philosophy, 2018	08-2015 to 04-2018 Focus: Nursing Research

## **PROFESSIONAL REGISTRATION & CERTIFICATIONS**

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### **PROFESSIONAL REGISTRATIONS**

Registered Nurse (RN), Ohio, #RN340900, June-2008 to Current

### **CERTIFICATIONS**

Certified Critical Care Registered Nurse (CCRN)-Pediatric, #000012361560, May-2011 to June-2017

### **VERIFICATIONS**

Advanced Cardiac Life Support (ACLS): Provider April-2010 to June-2022  
Pediatric Advanced Life Support (PALS): Provider October-2008 to June-2022

## **WORK EXPERIENCE**

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### **ACADEMIC EXPERIENCE**

Miami University, Hamilton, Ohio Department of Nursing Assistant Professor	<b>Aug. 2020-Current</b> <b>Aug. 2017-May 2018</b>
University of Cincinnati, Ohio College of Nursing Assistant Professor	<b>Aug. 2018-July 2020</b>
Xavier University, Cincinnati, Ohio School of Nursing Adjunct Faculty	<b>Aug. 2012-Aug. 2015</b>

### **AWARDS/HONORS**

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Instructional Technology Council Awards for Excellence in eLearning Outstanding eCourse Design Team nomination	<b>Oct. 2022</b>
Miami University Regionals Excellence in Teaching Award nomination	<b>Mar. 2022</b>
Miami University E-Campus Excellence in Online Teaching nomination	<b>Feb. 2022</b>
Next 9: Educators Award nomination	<b>Feb. 2018</b>
Robert Wood Johnson Future of Nursing Scholarship	<b>Aug. 2015</b>
Xavier University Nursing Leadership Award	<b>Aug. 2015</b>

### **RESEARCH OR PROGRAM GRANTS**

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Ohio Attorney General “Secondary Analysis Exploring Interactions Influencing Outcomes of Prenatal Opioid Exposure in a Large Maternal and Infant Data Hub.” Role: co-PI	Lambert (Contact PI)	06/2022-05/2024
Miami University Summer Research Appointment “Survey of Community Organizations Regarding Identification, Treatment, and Care Coordination of Children Affected by Parental Substance Abuse.”	<b>Arter</b> (PI)	05/2021-06/2021
University of Cincinnati Office of Research Collaborative Advancement Grants-Track 1: PILOTS “Untangling the Complex Relationship between Prenatal Opioid Exposure and Developmental Outcomes” This study is a secondary analysis using the Feasible Solutions Algorithm on variables from the Maternal Infant Data Hub to identify modifiers significantly effecting developmental and health outcomes of prenatally opioid exposed children. Role: PI	<b>Arter</b> (PI)	07/2019-12/2020

Ohio Mental Health and Addiction Services                      Clark (PI)                      12/2018 – 9/2019  
“Screening, Brief Intervention, and Referral to Treatment (SBIRT) Training Program”  
This program will train an estimated 450 medicine, nursing, pharmacy, and social work  
professionals and students during the grant period.  
Role: Collaborator

University of Cincinnati                      **Arter** (PI)                      08/2018-07/2021  
“Ongoing Well-Being of Children Exposed to Opioids before Birth and Their Families”  
This study will explore parent/caregiver perceptions of health and developmental outcomes of  
children with Neonatal Abstinence Syndrome between the ages of 2 and 7 years.  
Role: PI

## **PUBLICATIONS**

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### **ARTICLES, PEER-REVIEWED**

**Arter**, S. J., Kiel, E., McAllister, J., Hay, M. C. (2022). Behavioral Outcomes of Children with In-utero Opioid Exposure Age 2-7 and Parenting Self-efficacy. *Journal of the American Psychiatric Nurses Association*. Accepted for publication.

Zehler, A., Cole, B., **Arter**, S. (2021). Hyflex simulation: A case study of a creative approach to unprecedented circumstances. *Clinical Simulation in Nursing*, 000, 1-5.  
<https://doi.org/10.1016/j.ecns.2021.06.012>

**Arter**, S., Lambert, J., Brokman, A., Fall, N. (2021). Diagnoses during the first three years of life for children with prenatal opioid exposure and neonatal abstinence syndrome using a large maternal infant data hub. *Journal of Pediatric Nursing*, 61, 34-39.  
<http://doi.org/10.1016/j.pedn.2021.03.011>

**Arter**, S. J., Tyler, B., McAllister, J., Kiel, L., Guler, A., Hay, M. C. (2021). Longitudinal outcomes of children exposed to opioids in-utero: A systematic review. *Journal of Nursing Scholarship*, 53(1), 55-64. doi: 10.1111/jnu.12609

Cole, B., Zehler, A., **Arter**, S. (2020). Role reversal mentoring: Case study of an active approach to faculty growth. *Journal of Nursing Education*, 59(11), 627-630.  
doi:10.3928/01484834-20201020-05

**Burke**, S. J., Miller, E., Bakas, T., & Cooper, D. (2019). Psychometric testing of the quality of developmental care scale. *Cardiology in the Young*, 29(6), 749-755.  
<https://doi.org/10.1017/S1047951119000337>

**Burke**, S. J., Miller, E., Bakas, T., & Cooper, D. (2018). Content validity of the Developmental Care Scale for Neonates with Congenital Heart Disease. *Cardiology in the Young*, 1-6.  
doi: 10.1017/S1047951118001786

**Burke, S. J.** (2018). Systematic review of developmental care interventions in the Neonatal Intensive Care Unit since 2006. *Journal of Child Health Care*, 22(2), 269-286. doi:10.1177/1367493517753085.

Miller, E. T. & **Burke, S. J.** (2017). INANE editor best practices. *Nurse Author & Editor* 27(1). Retrieved from <http://naepub.com/?p=1511&preview=true>

**Burke, S. J.** (2016). Generating middle range theory: A book review. *Research and Theory for Nursing Practice*, 30(2).

## **PUBLICATIONS UNDER REVIEW**

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**Arter, S., & Stevie-Wedig, K.** (2022). *Survey of Community Organizations Regarding Identification, Treatment, and Collaboration for Children Affected by Parental Substance Abuse*. Submitted for publication.

**Arter, S., Bush, E., & Clark, K.** (2022). *The Shared Decision Making Tool for Caregivers of Children with Prenatal Opioid Exposure: A Pilot and Acceptability Study*. Submitted for publication

## **PRESENTATIONS**

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### **INTERNATIONAL PRESENTATIONS**

- **Arter, S., Lambert, J., Brokman, A., Fall, N.** (2022, July). *Health Outcomes of Children with Prenatal Opioid Exposure during the First Three Years of Life*. Poster presentation at Sigma Theta Tau International Research Congress: Edinburgh, Scotland.
- **Kiel, E., Arter, S. J., McAllister, J., Hay, C. M.** (2020, July). *Socioemotional/Behavioral and Caregiving Outcomes of Infants born with Neonatal Abstinence Syndrome*. Presented at The International Congress of Infant Studies: Glasgow, Scotland.
- **Arter, S. J.** (2019, July). *Longitudinal Outcomes of Prenatal Opioid Exposure in Children Around the World*. Presented at Sigma Theta Tau International Research Congress: Calgary, Canada.
- **Burke, S. J.** (2018, June). *Psychometric Testing of the Quality of Developmental Care Scale*. Presented at the Cardiac Neurodevelopmental Symposium: Kansas City, MO.
- **Miller, E. & Burke, S.** (2016, August). *INANE Editor Best Practices*. Poster presented at the 35<sup>th</sup> Annual Meeting of the International Academy of Nursing Editors: London, England.

### **NATIONAL PRESENTATIONS**

- **Cooper, R., Anand-Gall, K., Arter, S.** (2022, December). *Capstone Quality Improvement: Leveraging Instructional Design Resources to Transform the BSN*

*Capstone Experience*. Poster presented at American Association of College of Nursing Transform 2022 Conference: Chicago, IL.

- Bush, E., Weber, S., **Arter**, S., Boch, S., Murnan, A., McAllister, J., Reichelt, M., Wedig, K., & Nidey, N. (2022, November). *A Meta-Analysis of Racial Disparities in Access to Medications for Opioid Use Disorder During Pregnancy*. Oral presentation at the American Public Health Association Annual Meeting: Boston, MA.
- Bush, E., & **Arter**, S. (2022, November). *Communicating Developmental Concerns of Children with Prenatal Opioid Exposure using a Shared Decision-Making Tool: A Pilot Study*. Poster presented at Association of University Centers on Disabilities 2022 Conference: Washington D.C.
- Hardcastle, V., Wedig-Stevie, K., **Arter**, S. (2021, April). *Establishing Community Support for Children and Families Affected by Neonatal Opioid Withdrawal Syndrome*. Podium presentation at Rx Drug Abuse & Heroin Summit: Online.
- **Burke**, S., Burlile, B., Dinnen, H., Schard, R., Flaspohler, P. (2018, October). *Interdisciplinary Collaboration to Assess Needs and Resources of Schools in Connection with the Opioid Epidemic*. Poster presented at the Annual Conference on Advancing School Mental Health hosted by the National Center for School Mental Health: Las Vegas, NV.

## **REGIONAL PRESENTATIONS**

- **Arter**, S. J. (2019, June). *Long-term Outcomes of Children Exposed to Opioids Before Birth*. Podium presentation at the Ohio Hospital Association Annual Meeting: Columbus, Ohio.
- **Burke**, S. J. (2018, April). *Content Validity of the Quality of Developmental Care Scale*. Poster presented at the Midwest Nursing Research Society Annual Research Conference: Cleveland, OH.
- Lee, G., **Burke**, S., Ali, A., & Jaja, C. (2017, April). *Scientific paradigms and nursing research: The theory-practice gap*. Poster presented at the Midwest Nursing Research Society Annual Research Conference: Minneapolis, MN.

## **CURRICULUM DEVELOPMENT**

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Spring 2022: NSG 399: Caregiving in a Crisis: Humanitarian Aid in Luxembourg – Study Abroad course creation

Fall 2021: NSG 654: Emerging Nursing Education Teaching Methods -- Course creation with e-Campus

Fall 2021: NSG 435: Challenges in Health Care Delivery – Course revamp with e-Campus

Summer 2021: NSG 365: Introduction to Nursing Research – Course revamp with e-Campus

## **FORMAL TEACHING EXPERIENCE**

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### **COURSES TAUGHT**

Miami University, Hamilton & Oxford, OH.

May 2022 NSG 399: Caregiving in a Crisis: Humanitarian Aid (3 credit hours, undergraduate study abroad course in Luxembourg and Switzerland)

Jan.-May 2022 NSG 349: Introduction to Principles of Pharmacology in Nursing Practice (3 credit hours, undergraduate)

Jan.-Mar 2022 NSG 364: Nursing Care of Children - Clinical (3 credit hours, undergraduate)

Aug.-Dec. 2021 NSG 362: Nursing Care of Adults with Health Alterations II – Clinical (3 credit hours, undergraduate)

Aug.-Dec. 2021 NSG 349: Introduction to Principles of Pharmacology in Nursing Practice (3 credit hours, undergraduate)

Jan.-May 2021 NSG 365: Nursing Research (3 credit hours, undergraduate)

Jan.-May 2021 NSG 364: Nursing Care of Children - Clinical (3 credit hours, undergraduate)

Aug.-Dec. 2020 NSG 251: Therapeutic Communication for Nurses (3 credit hours, undergraduate)

Jan.-May 2018 NSG 435: Challenges in Health Care Delivery (3 credit hours, undergraduate)

Aug.-Dec. 2017 NSG 349: Introduction to Principles of Pharmacology in Nursing Practice (3 credit hours, undergraduate)

Aug.-Dec. 2017 NSG 364: Nursing Care of Children (3 credit hours, undergraduate)

University of Cincinnati, Cincinnati, OH.

Jan.-May 2020 NBSN1101: Introduction to Professional Nursing (3 credit hours, undergraduate)

Aug.-Dec. 2019 NBSN3010: Continuum of Care for Children and Families (3 credit hours, undergraduate)

Aug.-Dec. 2019 AMSN7020: Continuum of Care for Children and Families (3 credit hours, graduate)

Jan.-May 2019 NBSN1101: Introduction to Professional Nursing (3 credit hours, undergraduate)

Xavier University, Cincinnati, OH.

May-Aug. 2015 Nurs 650: Art & Science of Advanced Nursing (3 semester hours, graduate)

May-Aug. 2015 Nurs 654: Advanced Pharmacology (2 semester hours, graduate)

May-Aug. 2015 Nurs 656: Advanced Pathophysiology (3 semester hours, graduate)

Jan.-May 2015 Nurs 364: Pathophysiology (3 semester hours, undergraduate)

Jan.2014-May 2015 Nurs 471: Care of the Complex Client Practicum (3 semester hours, undergraduate)

Jan.-May 2014	Nurs 563: Art & Science of Family Nursing Practicum (2 semester hours, graduate)
Aug.2013-Dec.2014	Nurs 553: Art & Science of Adult Nursing Practicum (2 semester hours, graduate)
May 2012-Aug.2014	Nurs 651: Care of the Complex Client Practicum (3 semester hours, graduate)
Aug.2012-Dec.2014	Nurs 471: Community Nursing Practicum (2 semester hours, undergraduate)

## **SERVICE ACTIVITIES**

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### **DEPARTMENT OF NURSING SERVICE**

Oct. 2022-Current	Member, Nursing Alumni Dinner Committee
Oct. 2022-Current	Chair, AACN New BSN Essentials Taskforce
Jan. 2022-Current	Change Champion, Clinical Health Science Building
Dec. 2021-Current	Co-lead, Excellence in Research and Scholarship Task Force
Sept. 2020	Panelist, Faculty Panel for Freshman Nursing Students
Oct. 2020	Speaker, Nursing Virtual Open House
Aug. 2020-Current	Member, Systematic Program Evaluation Committee
Aug. 2020-Current	Member, Faculty Org

### **MIAMI UNIVERSITY SERVICE**

Aug. 2022-Aug. 2025	Member, University Senate MUDEC Committee
Aug. 2022-Aug. 2024	Member, Committee on Evaluation of Administrators
Apr. 2022	Reviewer, Miami University Regional Internal Grant Funding
Sept. 2021	Invited speaker, New Faculty Development Series
May 2021-Current	Member, Live Like Lou Initiative Steering Committee
May 2021	Faculty Marshal, Miami University Spring Commencement
Mar. 2021	Faculty Supervisor, Miami University Covid-19 Vaccination clinic
Dec. 2020	Reviewer, Miami University Regional Internal Grant Funding
Nov. 2020	Panelist, E-Campus "It's not you, It's COVID" seminar
Aug. 2020-Current	Member, CLAAS Divisional Honors Program Advisory Council

### **PROFESSIONAL ORGANIZATIONS**

Ongoing	Manuscript reviewer for <i>Pain Management Nursing</i> , <i>Journal of Pediatric Nursing</i> , <i>Western Journal of Nursing Research</i> , and <i>Journal of Professional Nursing</i>
Dec. 2022 – Current	Chair, OHRN Public Policy Committee
Dec. 2021- Dec. 2022	Co-chair, Ohio Nurses Association Health Policy Committee
Aug. 2018-Current	Appointed Member, Ohio Nurses Association Health Policy Committee
July 2017-July 2021	President, Sigma Theta Tau International Nursing Honor Society, Omicron Omicron-at-Large Chapter

### **SERVICE TO THE NURSING PROFESSION**

Oct. 2022-Current	Member, Dissertation Committee, Henry Duah, PhD student University of Cincinnati College of Nursing
Feb. 2020-Sep. 2021	Member, Inquiry Council, Cincinnati Children's Hospital Medical Center Cardiac Intensive Care Unit
Feb. 2020-Sep. 2021	Bedside Nurse, Cincinnati Children's Hospital Medical Center Cardiac Intensive Care Unit