

CURRICULUM VITAE
LEAH H. FOX, M.D., M.S.

Women & Infants Hospital of Rhode Island
Department of Pediatrics
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EDUCATION

Undergraduate	Carleton College, Northfield, MN Bachelor of Arts in Biology, Concentration in Neuroscience 2005 – 2009
Medical School	The University of Vermont College of Medicine, Burlington, VT Doctor of Medicine 2012 – 2016

POSTGRADUATE TRAINING

Residency	Maine Medical Center, Portland ME Pediatrics 2016 – 2019
Fellowship	Cincinnati Children's Hospital Medical Center, Cincinnati, OH Neonatal/Perinatal Medicine Fellowship 2019 – 2022
Masters of Science	University of Cincinnati College of Medicine, Cincinnati, OH Master of Science in Clinical and Translational Research 2019 – 2022
	Children's Hospital of Philadelphia, Philadelphia, PA Neonatology, Pediatric Critical Care, Pediatric Emergency Medicine, and General Pediatrics Bedside Ultrasound Course 2023

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

2017 – 2022	State Medical Board of Ohio, Medical License
2017 – present	Collaborative Institutional Training Initiative (CITI)
2019 – present	American Board of Pediatrics, Certification in General Pediatrics
2022 – 2026	State Medical Board of Illinois, Medical License
2023 – present	Instructor; Neonatal Resuscitation Program. NRP certified since 2016.

2024 – present State Board of Rhode Island, Medical License

ACADEMIC APPOINTMENT:

2022 – 2024 Assistant Professor of Pediatrics, Division of Neonatology
The University of Chicago
Chicago, IL

2024 - present Assistant Professor of Pediatrics, Division of Neonatology
Warren Alpert Medical School of Brown University
Providence, RI

HOSPITAL APPOINTMENTS:

2019 – 2022 Cincinnati Children’s Hospital Medical Center NICU Level IV; University of
Cincinnati NICU Level III; Good Samaritan Hospital NICU Level III
2021 – 2022 Mercy West Hospital NICU Level II
2022 – 2024 The University of Chicago Comer Children’s Hospital NICU Level IV
2023 – 2024 UChicago Medicine Ingalls Memorial Hospital SCN Level II
2024 – present Women & Infants Hospital of Rhode Island, NICU Level III

AWARDS AND HONORS

2014 Freeman Foundation Legacy Medical Scholarship
2015 The Gold Humanism Honor Society
2018 Maine Medical Center Mentored Research Grant Awardee; \$7,000
2018 2nd Place Poster at 5th Annual Maine Society of Hospital Medicine
Research, Innovation and Clinical Vignette Poster Competition
2019 The Resident Scholar Award, Maine Medical Center Pediatrics
2022 Center for the Science of Early Trajectories Pilot Project Grant; \$50,000

MEMBERSHIP IN SOCIETIES

American Academy of Pediatrics
AAP Section on Neonatal Perinatal Medicine
AAP TECaN Member
Newborn Brain Society

PUBLICATION LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Hadley Strout E, **Fox L**, Castro A, Haroun P, Leavitt B, Ross C, Sayan M, Delaney T, Platzer A, Hutchins J, Carney J. “Access to Transportation for Chittenden County Vermont Older Adults.” Aging Clinical and Experimental Research Journal; 2016 Aug;28(4):769-74

2. Craig A, Deerwester K, **Fox L**, Jacobs J, Evans S. "Maternal holding during therapeutic hypothermia for infants with neonatal encephalopathy is feasible." *Acta Paediatrica* 2019 Feb 5; 108 (9), 1597-1602.
3. Diminick N, Fey J, Bourque J, Crosby P, **Fox L**, Tsai-Leonard D, Morin H, Cyr K, Hewitt W, and McElwain L: "Collaborative Quality Improvement Project Increases Rate of Vitamin D Supplementation in Infants." *Pediatrics*; 2022 Aug 30; 150 (3)
4. **Fox L**, Cutler A, Kaneko-Tarui T, Deerwester K, Evans, S, Maron J, Craig A: "A Pilot Randomized Control Trial of Holding During Hypothermia and Effects on Maternal and Infant Salivary Cortisol Levels." *Advances in Neonatal Care*; 2025 Apr; 25(2), 173-180

ABSTRACTS

1. **Fox L**, Hadley Strout E, Castro A, Haroun P, Leavitt B, Ross C, Sayan M, Delaney T, Platzer A, Hutchins J, Carney J. "Access to Transportation for Chittenden County Vermont Elders." Poster session presented at: 142nd American Public Health Association Annual Meeting & Exposition; 2014 Nov 15; New Orleans, LA. Nominated for the APHA Aging & Public Health Section Award.
2. **Fox L**, Craig A, Deerwester K, Jacobs J, Evans S. "Feasibility of Maternal Holding during Therapeutic Hypothermia for Infants with Neonatal Encephalopathy." Poster session presented at: 10th International Conference on Brain Monitoring and Neuroprotection in the Newborn; 2017 Oct 5-7; Killarney, IRE
3. **Fox L**, McElwain L, Fey J, Crosby P, Cyr K, Youth B, Charron J, Stiles S, Tsai-Leonard D, Morin H, Bourque J, Dumais C, Hewitt W, and Diminick N: "Quality Improvement Project Leads to Boosted Adherence to AAP Recommendations Regarding Supplementation of Vitamin D in Infants." Poster session presented at: Region One Academic Pediatric Association (APA) Conference; 2018 Mar 26; Waltham, MA
4. **Fox L**, McElwain L, Fey J, Crosby P, Cyr K, Youth B, Charron J, Stiles S, Tsai-Leonard D, Morin H, Bourque J, Dumais C, Hewitt W, and Diminick N: "Quality Improvement Projects Leads to Greater Adherence to AAP Recommendations for Supplementation of Vitamin D in Infants in Resident Clinic Patients." Poster session presented at: Maine AAP SpringConference; 2018 Apr 13-14; Freeport, ME
5. **Fox L**, Craig A, Deerwester K, Jacobs J, Evans S. "Feasibility of Maternal Holding during Therapeutic Hypothermia for Infants with Neonatal Encephalopathy." Poster session presented at: Maine AAP Spring Conference; 2018 Apr 13-14; Freeport, ME
6. **Fox L**, McElwain L, Fey J, Crosby P, Cyr K, Youth B, Charron J, Stiles S, Tsai-Leonard D, Morin H, Bourque J, Dumais C, Hewitt W, and Diminick N: "Quality Improvement Projects Leads to Greater Adherence to AAP Recommendations for Supplementation of Vitamin D in Infants in Resident Clinic Patients." Poster session presented at: 5th Annual

Maine Society of Hospital Medicine Research, Innovation and Clinical Vignette Poster Competition; 2018 May 12; Portland, ME

7. Diminick N, Fey J, **Fox L**, Crosby P, Cyr K, Youth B, Charron J, Stiles S, Tsai-Leonard D, Morin H, Bourque J, Dumais C, Hewitt W, and McElwain L: "Quality Improvement Project Leads to Improved Adherence to AAP Recommendations Regarding Supplementation of Vitamin D in Infants, Without Delaying Discharge from Newborn Nursery." Poster session presented at: Pediatric Academic Societies (PAS) Meeting; 2018 May 8; Toronto, Ontario, CA
8. **Fox L**, Diminick N, Fey J, Crosby P, Cyr K, Youth B, Charron J, Stiles S, Tsai-Leonard D, Morin H, Bourque J, Dumais C, Hewitt W, and McElwain L: "Quality Improvement Project Leads to Improved Adherence to AAP Recommendations Regarding Supplementation of Vitamin D in Infants, Without Delaying Discharge from Newborn Nursery." Poster session presented at: AAP National Conference and Exhibition; 2018 Nov 4; Orlando, FL
9. Hashmi N, Sale M, **Fox L**, Kerecman J, McAllister L, Melendi M, & Lucas F: "Delayed Initiation of Therapeutic Hypothermia for Outborn Infants is Associated with Adverse Outcomes." Poster session presented at: Maine Medical Center; 2019; Portland, ME
10. **Fox L**, Kline J, Parikh N: "The Effects of Skin-To-Skin Care in Very Preterm Infants on Cortical Maturation and Brain Volumes at Term-Equivalent Age." Poster session presented at: Midwest Society of Pediatric Research Virtual Scientific Meeting; 2021 Oct 15
11. **Fox L**, Kline J, Parikh N: "Increased Skin-To-Skin Contact is Associated with Larger Thalamic Volume on MRI at Term-Equivalent in Infants Born Very Preterm." Poster session presented at: Pediatric Academic Societies (PAS) Meeting; 2022 Apr 25; Denver, CO

UNIVERSITY TEACHING

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| 2013 – 2014 | University of Vermont College of Medicine, Tutor, Peer Tutor Program |
| 2016 | Tufts School of Medicine, Maine Medical Center
Objective Structured Clinical Examination Facilitator |
| 2016 | Department of Developmental Pediatrics, Maine Medical Center
"The Prevalence of Autism Spectrum Disorders in Extremely Premature Infants." |
| 2017 | Department of Pediatrics, Maine Medical Center
"Primary Care of the Premature Infant." |
| 2018 | Invited lecture, Department of Pediatrics, Maine Medical Center
"Update on Bedside Delivery of Vitamin D in the Newborn Nursery." |
| 2018 | Invited lecture, Division of Neonatology, Maine Medical Center
"Holding during Therapeutic Hypothermia for Infants with Neonatal Encephalopathy." |

2018	Pediatric Journal Club, Maine Medical Center. “Laryngeal Mask Airway for Surfactant Administration in Neonates: a Randomized Control Trial.”
2019	Pediatric Grand Rounds, Maine Medical Center “Post-Discharge Nutritional Recommendations for the Premature Infant.”
2019 – 2022	University of Cincinnati, School of Medicine. Newborn medicine case teaching sessions.
2020	Neonatology Grand Rounds, CCHMC “First, Do No Harm: Management and Prevention of RSV Bronchiolitis.”
2020	Neonatology Grand Rounds, CCHMC “Skin-to-Skin Contact and Neurodevelopmental Outcomes in Very Premature Infants.”
2021	Perinatal Institute Quality Improvement Steering Committee, CCHMC “Updates on the Trauma Informed Care Initiative”
2022 – 2024	The University of Chicago, Department of Pediatrics Responsible for fellowship didactic content for Neonatal Encephalopathy, Intraventricular Hemorrhage, and Bronchopulmonary Dysplasia
2023 – 2024	The University of Chicago, Department of Pediatrics Instructor for NRP certification courses

ADMINISTRATIVE AND VOLUNTEER RESPONSIBILITIES

2012-2014	Member of the Donald J. Cohen Medical Student Training Program in Child and Adolescent Psychiatry, UVM
2012-2014	Leader of Autism and Neurodevelopmental Disorder Interest Group, UVM
2013-2014	Leader of the Palliative Care Interest Group, UVM
2012-2013	Leader of SMILE Docs Program for Elementary Children, UVM
2016-2018	Member of the NAS Clinical Transformation Task Force, MMC
2016-2017	Member of the Well Child Task Force on Revisions to Well Child Templates, MMC
2021-2022	Clinical Research Fellow Representative, University of Cincinnati College of Medicine Women in Medicine & Science Executive Team
2021-2022	Founder and Chair of the CCHMC Fellow Wellness Committee
2022-2024	Faculty lead of Premature Infant Neuroprotective Taskforce

GRANTS

1. Mentored Research Grant. Source: Maine Medical Center Research Institute. \$7,000. Principal investigator. 2017
2. Fellowship Funding Grant. Source: Cincinnati Children’s Perinatal Institute. \$3,000. Principal investigator. 2020
3. Pilot Project Grant. Source: Center for the Science of Early Trajectories at The University of Chicago. \$50,000. Principal investigator. 2022

DEMONSTRATION OF COMMITMENT TO DEI

I have a long-standing commitment to providing medical care to diverse and underserved populations, including a large refugee population in Portland ME, inner city residents of Cincinnati, black community members of Chicago's South Side and currently a significant non-English speaking community in the greater Providence area. Additionally, I have served on the WiMS Executive Team. I mentor and educate fellows from different racial, ethnic and social backgrounds.

RESEARCH AND SCHOLARLY ACTIVITIES:

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| 2013 | University of Vermont College of Medicine
Champlain Valley Area Health Education Center multidisciplinary project.
"Collaboration and Integration across Primary Care and Behavioral Health." |
| 2013 – 2014 | University of Vermont College of Medicine
Community Public Health Project: "Access to Transportation for Chittenden County Vermont Elders." |
| 2014 | University of Vermont College of Medicine
Community Outreach Project: "Promoting Public Water Fluoridation in Bennington VT" |
| 2016 – 2017 | Maine Medical Center, Division of Neonatology
Developed and ran pilot clinical trial: "Feasibility of Maternal Holding during Therapeutic Hypothermia for Infants with Neonatal Encephalopathy." Mentor: Dr. Alexa Craig |
| 2017 – 2022 | Maine Medical Center, Division of Pediatric Neurology
Developed clinical study "The Effects of Holding on Stress and Bonding in Mother-Infant Dyads During Therapeutic Hypothermia." Awarded Mentored Research Grant of \$7,000 through the Maine Medical Center Research Institute. Mentor: Dr. Alexa Craig |
| 2017 – 2019 | Maine Medical Center, Division of Pediatric Neurology
Helped with data collection and analysis for "Leveraging Telemedicine to Reduce Disparities in Time to Initiation of Therapeutic Hypothermia in Rural Settings; a Pilot Feasibility Study." Mentor: Dr. Alexa Craig |
| 2017 – 2019 | Maine Medical Center, Division of Pediatric Neurology
Database Manager for the Therapeutic Hypothermia Database |
| 2019 – 2022 | Cincinnati Children's Hospital Medical Center, Division of Neonatology
Developed clinical study "Skin-to-skin Contact and Neurocognitive Outcomes in Very Preterm Infants" to determine the association between skin-to-skin exposure during NICU admission and outcome measures, such as term- |

equivalent MRI findings, Bayley Scores at 2 years, and markers of maternal mental health. Mentor: Dr. Nehal Parikh

2022 – 2024 The University of Chicago, Biological and Sciences Division
Developed clinical study “Skin-to-skin For All” to address barriers to skin-to-skin contact and develop a supplemental skin-to-skin contact system. Awarded a Pilot Project Grant of \$50,000 through Center for the Science of Early Trajectories at The University of Chicago. Mentor: Dr. Erika Claud

QUALITY IMPROVEMENT PROJECTS:

2016 – 2019 Maine Medical Center Newborn Nursery, Department of Pediatrics
“Bedside Delivery of Vitamin D to Newborns Prior to Discharge” Participated in PDSAs, assisted with data collection and monitoring. Published in Pediatrics.
Mentors: Dr. Lorraine McElwain, Dr. Jamie Fey, Dr. Noah Diminick

2016- 2017 Maine Health Network, Department of Pediatrics
“Data Collection for Infant Nutrition in the Pediatric Clinic” Participated in PDSAs, assisted with data collection. Created EPIC work flows to improve data collection. Mentor: Dr. Stephen DiGiovanni

2017 – 2018 Maine Medical Center Newborn Nursery, Department of Pediatrics
“Neonatal Abstinence Syndrome Prenatal Education Workgroup” Lead project to initiate pre-natal counseling for pregnant women with history of substance use disorder. Mentor: Dr. Dave Cox

2020 – 2022 Cincinnati Children’s Hospital Medical Center, Perinatal Institute
“Trauma Informed Care; Improving Communication in the NICU” Co-leader of project. Created process maps, FMEA analyses, Key Driver Diagrams, data collection, Pareto and run charts for multiple projects within the TIC project. Direct mentor to NNP student. Mentor: Dr. Danielle Parham.

2021 – 2022 Cincinnati Children’s Hospital Medical Center, Center for Prevention of Neurodevelopmental Disorders
“Increasing Skin-to-skin Contact for NICU Patients” Leader of project. Created process maps, FMEA analyses, Key Driver Diagrams, data collection, Pareto and run chart. Mentor: Dr. Nehal Parikh

2022 – 2024 The University of Chicago Comer Children’s Hospital NICU
“Increasing Skin-to-skin Contact.” Faculty lead of project. Created process maps, FMEA analyses, Key Driver Diagrams, data collection, Pareto and run chart. Direct mentor to pediatric resident.

