

CURRICULUM VITAE

Sfurti Nath MBBS, DNB(Peds), FAAP

Associate Professor of Pediatrics
Warren Alpert Medical School of Brown University
Director, Bronchopulmonary Dysplasia (BPD) program
Co-Director, Point of Care Ultrasound (POCUS) program,
Women and Infants Hospital of Rhode Island, Providence, RI.

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Women and Infants Hospital of Rhode Island
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EDUCATION

Medical School

- Gandhi Medical College, Bhopal, MP, India, November 1994 – March 1999
Bachelor of Medicine and Bachelor of Surgery-
MBBS with honors (Gold medal in Anatomy).

Internship (Clinical Rotating Internship)

Gandhi Medical College and Associated Hospitals, Bhopal, MP, India. March 1999 – March 2000.

POSTGRADUATE TRAINING

Residency

- Diplomate, National Board of Pediatrics (DNB Peds) New Delhi, India.
Choithram Hospital and Research Centre, Indore, MP, India, **Pediatric Residency**
May 2002 – May 2005
- University at Buffalo (State University of New York), The Women and Children's Hospital of Buffalo NY, **Pediatric Residency (Fast track)**.
July 2008 – June 2010

Fellowship

- University at Buffalo (State University of New York), The Women and Children's Hospital of Buffalo, Buffalo NY, **Fellowship in Neonatal-Perinatal Medicine**,

POSTGRADUATE HONORS AND AWARDS

- **Best Abstract Award**, the AAP Section on Neonatal-Perinatal Medicine; *‘Point of care ultrasound (POCUS) as an alternative to x-ray for confirming feeding tube placement in neonates: a feasibility study*, American Academy of Pediatrics National Conference and Exhibition (AAP NCE), Washington DC, Oct 2023
- Resident Research Day Presentations (**Best platform** presentation award- presented by mentee), University of Florida College of Medicine, Jacksonville, June 2023
- **Exemplary Teacher Award**, University of Florida Health College of Medicine, Jacksonville, FL. 2022-23
- **Exemplary Teacher Award**, University of Florida Health College of Medicine, Jacksonville, FL. 2021-22
- **Exemplary Teacher Award**, University of Florida Health College of Medicine, Jacksonville, FL. 2019-20
- **Dean's Fund Research Award** for Faculty, University of Florida College of Medicine Jacksonville, FL. 2017-2019
- **Meritorious poster award in Neonatology** – The Eastern Society for Pediatrics Research (ESPR), Philadelphia, *Mar 30th – Apr 1st, 2012*
- Eastern Society for Pediatric Research (**ESPR**) **Travel Award**, Philadelphia, *March 30th-Apr 1st, 2012*
- **Travel Award** for the 34th AAP Mid-Atlantic Conference, Charlottesville, VA, *Oct 2011*
- **Traveling Fellowship** for XVI Annual conference of Indian Pediatric Nephrology Group & International Pediatric Nephrology Association Training Course, All India Institute of Medical Sciences (AIIMS), New Delhi, *26th -28th Nov 2004*
- V. Balagopala Raju Award in Child Health- **Gold medal for excellence in Research**, 41st National Indian Academy of Pediatrics (IAP) conference, Chennai, India, *8th -11th Jan 2004*
- III Prize in Debate, MP State Women’s Commission, Foundation Day Celebrations, *The Right to Self-Representation through Attire depends on my Discretion*, 23rd March 2003

- **Gold Medal /Distinction in Anatomy** for meritorious performance in medical school, 1996
- Merit Scholarship for being in the **Medical School honor list** (Top 10 students in the batch) during medical school, 1995

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

- Rhode Island Medical License, 2024 (Active)
- Florida State Medical License, 2015 (Active)
- Indiana State Medical License, 2010 (Active)
- American Board of Pediatrics – Subspecialty Board in Neonatal Perinatal Medicine, 2014 (Active)
- American Board of Pediatrics – Board Certification in Pediatrics, 2013 (Active)
- National Board of Examinations (Pediatrics), New Delhi, India, 2006 (Active)
- MP State Medical Council License (India), 2000 (Active)

ACADEMIC APPOINTMENTS

- **Associate Professor of Pediatrics**
Warren Alpert Medical School of Brown University
Providence, RI. 06/2025 - present
- **Associate Professor of Pediatrics**
University of Florida College of Medicine-
Jacksonville, FL. 07/2024
- **Assistant Professor of Pediatrics**, Division of Neonatal-Perinatal Medicine, University of Florida College of Medicine – Jacksonville, Jacksonville, FL. 1/2016 – 6/2024

HOSPITAL APPOINTMENTS

- Staff Neonatologist, The Women and Infants Hospital of Rhode Island, Neonatal Intensive Care Unit, Brown University.
7/2024 to present
- Staff Neonatologist, University of Florida Health, NICU and Newborn Nursery (NBN), Jacksonville, FL. 1/2016 to 07/2024
- Staff Neonatologist, Level VI NICU at Wolfson Children’s Hospital and other level II NICUs/NBN of Baptist Health System, Jacksonville, FL. 1/2016 to 07/2024
- Staff Neonatologist, Unity Point Clinic, St. Luke’s Hospital, Cedar Rapids, IA, 7/2013 – 10/2015

- Research Associate, Department of Nephrology, Bhopal Memorial Hospital and Research Centre, Bhopal, MP, India, 6/2006 – 5/2008

OTHER ACADEMIC APPOINTMENTS/MISC

- *Medical Director of Respiratory Services, Neonatal Intensive Care Unit, Women and Infants Hospital of Rhode Island, Providence, RI. 11/2024- present*
- *Director, Bronchopulmonary Dysplasia (BPD) Program, Women and Infants Hospital of Rhode Island, Brown University, Providence, Rhode Island. 7/21/2024 to present*
- *Co-Director, Point of Care Ultrasound (POCUS) Program, Women and Infants Hospital Of Rhode Island, Brown University, Providence, Rhode Island. 7/21/2024 to present*
- *Elected Member, POCUS in Pediatrics Leadership Committee (Jan 2024 to 2026), the American Academy of Pediatrics (AAP), Point of care ultrasound in Pediatrics (PIP) Subcommittee.*
- Member, AAP subcommittee PIP- Needs' assessment workgroup, May 2023- Present
- *Director, Point of Care Ultrasound (POCUS), Department of Pediatrics, Division of Neonatal Perinatal Medicine, University of Florida College of medicine – Jacksonville, Jacksonville, FL. 8/2022 – 07/2024*
- *Member, Executive Committee, American Academy of Pediatrics' Society for Early Career Physicians Nomination Committee (SOECP) from Dec 1, 2021, to Dec 30th,2024.*
- *Member, Faculty Council, University of Florida College of Medicine – Jacksonville, Jacksonville, FL. Re-elected to serve a second term as second representative until July 2025. 6/2019 –7/2024*
- *Member, Data Security Monitoring Board (DSMB) for NIH funded clinical trial on prehospital exposure of oral steroids in pediatric population – a multi-site study, PI Jennifer Fish MD*

HOSPITAL COMMITTEES

- *Chair POCUS Vascular Access Team and Co-chair NICU PICC Committee, Women and Infant's Hospital of Rhode Island. 07/2024- present.*
- *Co-Chair, Point of Care Ultrasound Committee, NICU, Women and Infants Hospital of Rhode Island. Oct, 2024 - present*
- *Physician lead for Wolfson Children's Hospital and University of Florida College of Medicine-*

- Jacksonville's NICU End of life - humanizing death committee (EOL committee) - *2022 to 2024*
- Member, Bubble Continuous Positive Airway Pressure (bCPAP) committee, Wolfson Children's Hospital NICU, Jacksonville FL. *2020 to 2024.*
- Physician lead, Oral Feeding Progression Committee, Wolfson Children's Hospital, Jacksonville, FL NICU. *2018 to 2024*—revised cue-based feeding protocol to infant driven feeding protocol
- Member, Antibiotic Stewardship Committee, University of Florida College of Medicine-Jacksonville, FL. NICU. *2016 to 2024.*
- Member, UF Health NICU patient safety and quality improvement committee (NQPSI). *2016-2021*
- Member, Developmental Committee, NICU, University of Florida- Jacksonville. NICU. *2016 to 2024*

UNIVERSITY COMMITTEES

- Member of University Faculty Council, University of Florida, Department Representative for Pediatrics, University of Florida College of Medicine- Jacksonville, July 2019 to July 2022. Elected second term as second representative to serve three additional years from Aug 2022 to July 2025
- Member, Faculty Council by-laws review committee, University of Florida COM-Jacksonville, 2020
- University Faculty long-term Resident Advisor/ Mentor, Pediatric Residency program, University of Florida College of Medicine- Jacksonville. 2021 to 2024
- Member, Pediatric Residency Program Quality Improvement Committee, meeting quarterly to review pediatric resident's QI projects. University of Florida College of Medicine- Jacksonville, 2021 to 2024
- Faculty for Patient Safety and Simulation workshop committee for incoming Pediatric residents and fellows, University of Florida College of Medicine-Jacksonville. 2021 to 2024
- University of Florida College of Medicine-Jacksonville Women in Medicine- Awards committee member, starting July 2021 to 2024

SCIENTIFIC REVIEWER

- Deputy Editor, The Cureus Journal of Medical Science, UF College of Medicine-Jacksonville Channel. Open access, peer reviewed journal, part of Springer Nature (IF 1.2) 2021-2023.
- Reviewer for abstracts for Pediatric Academic Societies (PAS), 2022
- Reviewer for Pediatric Academic Societies/American Board of Pediatrics Maintenance of Certificate (MOC) credits, PAS 2021, 2022
- Ad-hoc reviewer for manuscripts from high impact factor journals including Neonatology, JAMA Pediatrics, Journal of Perinatology, Journal of Neonatology, Pediatric Pulmonology, Clinical Therapeutics etc.

MEMBERSHIP IN SOCIETIES

- Indian Academy of Pediatrics, 2005 – *Life*
- Member, Medical Council of India (MCI), 2000 (*Active*)
- Fellow, American Academy of Pediatrics, 2008 (*Active*)
- Member, Section on Neonatal-Perinatal Medicine, 2010 (*Active*)
- Elected Member, Leadership Committee, AAP Special Interest Group – POCUS in Pediatrics, 2023 (*Active*)
- Member, Society of Early Career Physicians, Nomination Committee, 2021 – 2024
- Member, Trainees and Early Career Neonatologists, 2013 – 2020
- Member, Academic Pediatric Association, 2017 – 2019
- Member, Florida Medical Association, 2016 -2024
- Member, Duval County Medical Society, 2016-2024

PUBLICATIONS LIST

- Singh Y, Nath S, Gahlaut S, Chan B. *Physiology-Based Diagnosis and Management of Bronchopulmonary Dysplasia Associated Pulmonary Hypertension (BPD-PH)*. Children. 2026; 13(2):272. <https://doi.org/10.3390/children13020272>

- Emily Delaney, Neil Alviedo, Pamela Trapano, Shalin Patel and Sfurti Nath. *A Novel Mutation Discovered in a Case of Non-Ketotic Hyperglycinemia- A Case Report*. Glob J of Ped & Neonatol Car. 5(1): 2024. GJPNC.MS.ID.000605. DOI: 10.33552/GJPNC.2024.05.000605
- Alissa R, Maraqa N, Williams PD, Hipp JA, Nath S, Torres NS, Lee T, Matoq A and Rathore M (2024) *Prevalence of asymptomatic cytomegalovirus (CMV) infection in newborns in northeast Florida*. Front. Epidemiol. 3:1270374. doi: 10.3389/fepid.2023.1270374
- Nath S, Alissa R, Shukla S, et al. (September 14, 2023) *Tailored Approach to Evaluation and Management of Early Onset Neonatal Sepsis in a Safety-Net Teaching Hospital in Northeast Florida*. Cureus 15(9): e45263.doi:10.7759/cureus.45263
- Csaba Galambos MD, PhD, J. Wells Logan MD, Pawel Stankiewicz PhD, Przemyslaw Szafranski PhD, Carola Zalles MD, Jose Gonzales MD, Sfurti Nath MD, Shalin kumar Patel MD, Steven H. Abman MD. *Histologic features and decreased lung FOXP1 gene expression in severe bronchopulmonary dysplasia without a genetic diagnosis of alveolar capillary dysplasia*. Pediatr Pulmonol. 2023; 1- 4. doi:10.1002/ppul.26571
- Pace, L. M.(r), A. Lee(r), S. Nath, And N. J. Alviedo. *Pulmonary Hemorrhage: An Unusual Life-Threatening Presentation of Factor IX Deficiency in A Monozygotic-Diamniotic Premature Twin Neonate*. In Journal of Investigative Medicine, Vol. 69, No. 2, Pp. 419-420. British Med Assoc House, Tavistock Square, London Wc1h 9jr, England: Bmj Publishing Group, 2021
- Nath, S., R. Alissa, and R. Sharma. "An Unusual Case of Congenital Herpes Simplex Virus Type-2 (HSV-2) in an Extremely Premature Infant." Ann Clin Case Rep. 2022; 7 2208
- Logan, J. Wells, Sfurti Nath, Sanket D. Shah, Padma S. Nandula, and Mark L. Hudak. "Respiratory support strategies in the management of severe, longstanding bronchopulmonary dysplasia." Frontiers in Pediatrics 10 (2022): 1016204

- Pace, Lisa M.(r), Andrew Y. Lee(r), Sfurti Nath, and Neil B. Alviedo. "*Pulmonary Hemorrhage: Life-Threatening Presentation of Factor IX Deficiency in a Monochorionic-Diamniotic Twin Neonate.*" *Cureus* 13, no. 12 (2021)
- Nath, Sfurti, Anne Marie Reynolds, Satyan Lakshminrusimha, ChangXing Ma, Mark L. Hudak, and Rita M. Ryan. "*Retrospective analysis of short-term respiratory outcomes of three different steroids used in clinical practice in intubated preterm infants.*" *American Journal of Perinatology* 37, no. 14 (2019): 1425-1431.
- **Submitted In Review:** Indrani Bhattacharjee, Sfurti Nath, Romal Jassar et al. Implementation and Adoption of Neonatal Point-of-Care Ultrasound Across a Regional Collaborative: A Multicenter Survey.

BOOKS AND BOOK CHAPTERS

- Jain, S. Shad, R. Nath, S. (2003). Neonatal Seizures. (*Chapter*) In G. Rathi, R. Maheshwari, A. Sharma and R. Goyal (Ed.), Abstract book and Souvenir, VII Annual Convention of National Neonatology Forum, Rajasthan State Branch (pp.31-33) National Neonatology Forum, Rajasthan State Chapter, Kota, India. 2003

ABSTRACTS

- Ashley Reeves (f), Lynne Dansereau, Richard Tucker, Sfurti Nath, Jonathan Nyce, Juan Sanchez-Esteban. *Poster*. Lung Ultrasound Score as an Indicator of Pulmonary Edema Severity in the Setting of a Hemodynamically Significant Patent Ductus Arteriosus in Extremely Premature Infants. PAS, Annual Meeting, Boston, Apr 24-27th, 2026.
- Indrani Bhattacharjee, Sfurti Nath, Kristyn Beam. *Poster*. Mapping Regional Progress in Neonatal Point-of-Care Ultrasound: A 2025 New England Collaborative Survey. PAS Annual Meeting, Boston, Apr 24-27th, 2026
- Ashley Reeves (f), Richard Tucker, Sfurti Nath, Jonathan Nyce, Juan Sanchez-Esteban. *Poster*. Lung Ultrasound Score as a predictor of hemodynamically significant PDA in extremely premature infants. ESPR. Philadelphia, March 2025.

- Sfurti Nath, Maryam Abubakar, Chetan Shah. *Poster*. Modified point of care ultrasound protocol for improving accuracy in confirmation of feeding tube position in neonates in a level III NICU. Pediatric Academic Societies (PAS) Annual Meeting, Toronto, Canada, May 2-6, 2024.
- Issa Hanna, Nirmitya Shah, Chetan Shah, Sfurti Nath. *Poster*. Point of Care Ultrasound (POCUS) as an Alternative to X-ray for Confirming Feeding Tube Placement in Neonates: A Feasibility Study. American Academy of Pediatrics National Conference and Exhibition, Washington DC, Oct 2023
- E. Delaney, PA-C, M. Noward, NNP-BC, J. Sirls, BSN, Y. Yang, PharmD, H. Cross MD, E. Chinlund, APRN, C. Cox MT-BC, A. Swota, PhD, D. McDaniel, MD, S. Nath, MD, N. Alviedo, MD. *Poster*. Creating a NICU End of Life Care Model. NANN 39th Annual Conference, Anaheim, CA September 26-28, 2023
- Issa Hanna(f), Chetan Shah, Sfurti Nath. *Poster*. Evaluation of generalizability of use of point of care ultrasound by provider type in a level III NICU in confirming naso-gastric/oro-gastric tube position in neonates in an academic setting. Pediatric Academic Societies Annual Meeting, Washington DC, 2023
- Galambos, C., Logan, J., Stankiewicz, P., Szafranski, P., Zalles, C., Gonzales, J., Sfurti Nath, S., Patel, S. and Abman, S.H., *Poster*. Histologic Features and Decreased Lung FOXF1 Gene Expression in Severe Bronchopulmonary Dysplasia Without a Genetic Diagnosis of Alveolar Capillary Dysplasia. Early Origins Of Pediatric Lung Disease (pp. A3661-A3661). American Thoracic Society 2023
- Emily Delaney, Sfurti Nath. *Poster*. The Do's and Don'ts(s) of x-ray Positioning: Quality and Safety Initiatives aimed at reducing unnecessary radiation exposure and improving x-ray quality in a level IV NICU in NE Florida. Pediatric Academic Societies Annual Meeting, Denver, 2022
- Sfurti Nath, Renu Sharma. *Invited lecture*. Necrotizing Enterocolitis: Lessons to be learnt by disease similarity between neonates and adult/Geriatric Population. Co-speaker and co-author with Dr. Renu Sharma, Professor of Pediatrics at the European Society of Medicine (ESMED) General Assembly, Aug 4-6, 2022, Madrid, Spain, -(virtual).
- Emily Delaney, PA-C; Kaylin Robinson, PA-C; Sfurti Nath, MD; Felix Banadera, M.D.; Charla

Nowak, Pharm D; Nelly Mauras, MD; Pamela Trapane, MD. *Case report presented as APP Case of the Year as poster symposium*. "Early detection and heightened clinical suspicion for Neonatal Severe Primary Hyperparathyroidism with a CaSR mutation". Vermont Oxford Network Annual Quality Congress, 2021

- Lisa Pace MD(r), Andrew Lee DO(r), Sfurti Nath MD, Neil Alveido MD. Case report presented as *Poster*. Pulmonary Hemorrhage: An unusual lifethreatening presentation of Factor IX deficiency in a monozygotic-diamniotic premature twin neonate. Virtual Southern Regional Meeting, Feb 25- 27, 2021
- Sfurti Nath, Rana Alissa, Samarth Shukla, Carmen Smotherman, Meng Li(r) and Mark Hudak. *Poster*. Development of a hybrid approach for management of neonates at high risk for early onset sepsis (EOS) in a safety-net maternity service. Pediatric Academic Societies Annual Meeting, Philadelphia, 2020
- Sfurti Nath et al. *Poster*. Do we communicate with parents effectively? Improving antibiotic parental knowledge in the NICU. Vermont Oxford Network Annual Quality Congress. Vermont Oxford Network Annual Quality Congress, Chicago, IL. Sep 19, 2019.

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- Sfurti Nath, Rana Alissa, Mark Hudak. *Poster*. Assessment of nurses' perception, gaps in knowledge and concerns towards successful NICU. Vermont Oxford Network Annual Quality Congress, Chicago, IL, 2019
- Sfurti Nath, Samarth Shukla, Rana Alissa, Ma Ingyinn, Meng Li, (r) Adriana PenaAriet(r), Carmen Smotherman, Shiva Gautam, Mark Hudak. *Poster*. Assessment of the impact of adopting a hybrid approach for early onset sepsis risk evaluation using the sepsis risk calculator on antibiotic usage and hospital costs in chorioamnionitis exposed infants in a tertiary care teaching hospital. Vermont Oxford Network Annual Quality Congress, Chicago, IL. 2019
- Sfurti Nath, Rana Alissa, Samarth Shukla, Ma Ingyinn, Meng Li(r), Adriana PenaAriet(r), Carmen Smotherman, Shiva Gautam, Mark Hudak. *Poster*. Nurses' attitude to and perceptions of knowledge

and skills needed for implementation of nurse-initiated sepsis risk calculator evaluation of infants at birth in a mother baby unit in a teaching hospital. Vermont Oxford Network Annual Quality Congress, Chicago, IL. 2019

- Emily Delaney, Sfurti Nath. *Poster symposium*. Neonatal hypotonia with hiccoughs: Multidisciplinary approach enables early diagnosis. Case of the year, runners-up Vermont Oxford Network Annual Quality Congress, Chicago, IL. 2019
- Sfurti Nath, Samarth Shukla, Rana Alissa, Josef Cortez, Meng Li(r), Carmen Smotherman, Shiva Gautam, Mark Hudak. *Poster*. To assess the impact of Sepsis Risk Calculator (SRC) in safely reducing antibiotic usage and lab tests in infants evaluated for early onset sepsis (EOS) in high-risk population. American Academy of Pediatrics National Conference and Exhibition, Nov 2018
- Sfurti Nath et al. *Poster*. Impact of Sepsis Risk Calculator in safely reducing antibiotic usage and laboratory tests in high-risk population in an academic hospital. Vermont Oxford Network Annual Quality Congress, Chicago, IL. Sep 22, 2018
- Sfurti Nath et al. *Poster*. Reduction in antibiotic usage with Sepsis Risk Calculator for management of early onset sepsis in infants exposed to maternal chorioamnionitis in an academic setup. Vermont Oxford Network Annual Quality Congress, Chicago, IL. Sep 22, 2018
- Sfurti Nath et al. *Poster*. Impact of Sepsis Risk Calculator in reducing antibiotic usage. Vermont Oxford Network Annual Quality Congress, Chicago, IL. Oct 28, 2017
- Sfurti Nath et al. *Poster*. Implementation of antibiotic guidelines decreases antibiotic usage rate and provider variability in Level III NICU. Vermont Oxford Network Annual Quality Congress, Chicago, IL. Oct 28, 2017
- Sfurti Nath et al. *Poster*. Antibiotics Time-Out in the Neonatal Intensive Care Unit: Charge Nurses Taking Charge. Vermont Oxford Network Annual Quality Congress, Chicago, IL. Oct 28, 2017
- Taneja A, Makker K, Shah SD, Nandula PS, Nath S, Hudak ML. *Poster*. Comparison of conventional and NAVA ventilation in preterm infants less than 32 weeks gestational age. Pediatric Academic Societies annual meeting, San Francisco, CA, 2017
- Shannon, J., Sfurti Nath et al. *Poster*. Do we communicate with parents effectively? Improving

antibiotic parental knowledge in the NICU, Vermont Oxford Network Annual conference, Sept 2016.

- Nath, S. Lakshminrusimha, S. Reynolds, A. Ryan, R.M. *Poster*. Comparison of the effects on respiratory status of different steroids used in babies with broncho pulmonary dysplasia (BPD)Am. J. Respir. Crit. Care Med. May 2012; 185(1 Meeting Abstracts): A1819

SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

- Nath, S.; Alissa, R.; Hudak, M. A Scoping Survey of Knowledge, Attitude and Perception of Nurses towards Nurse-Led Neonatal Sepsis Risk Assessment in Newborns —A Single Center Study. Preprints 2023, 2023090415.
<https://doi.org/10.20944/preprints202309.0415.v1>
- Issa Hanna M.D.(f), Nirmitya Shah, Chetan Shah M.D., Sfurti Nath M.D. Point-of-Care-Ultrasound in confirming feeding tube position in neonates- A feasibility study. (In Submission)

INVITED PRESENTATIONS

National

- **Organizer and Co-Director, The Brown Beam-New England NICU POCUS Bootcamp- Annual event of NE POCUS Collaborative.** July 18th/19th, 2026, Women and Infants Hospital of Rhode Island/Warren Alpert Medical School of Brown University.
- **Organizer and faculty at Master Class in Point of Care Ultrasound (POCUS)- workshop** at the Annual Conference of the **Florida Chapter of American Academy of Pediatrics (FCAAP)** - The Future of Pediatric Practice, **Orlando, Aug 29-30, 2025.**
- *Invited Faculty* for Point of Care Ultrasound (POCUS) workshop for Pediatric hospital medicine and neonatology, NYU Langone, Sept 14,15/2024, Sept 12-13, 2025

- Issa Hanna(f), Nirmithi Shah, Chetan Shah, Sfurti Nath. *Platform*. Diagnostic accuracy of Point of Care Ultrasound (POCUS) in confirming feeding tube position in neonates admitted to a level III NICU in a teaching hospital: a feasibility study. Pediatric Academic Societies Annual Meeting, Washington DC, 2023
- Sfurti Nath, Issa Hann(f), Chetan Shah. *Platform*. Comparison of two different approaches for confirming feeding tube position in neonates using point of care ultrasound in a level III NICU in Northeast Florida. Pediatric Academic Societies Annual Meeting, Washington DC, 2023
- Sfurti Nath. *Invited speaker*. To treat or not to treat – The sepsis risk calculator. First Coast Neonatal Symposium, April 2019
- Sfurti Nath. *Invited speaker*. The role of prenatal and postnatal steroids in Extremely Low Gestational Age Neonates (ELGAN), Third International Forum on Pediatrics, Obstetrics, and Gynecology, March 28th, 2018, Baptist Medical Center, Jacksonville, FL
- Sfurti Nath et al. *Invited speaker*. Comparison of Postnatal Steroids (PNS) on Respiratory Severity Score (RSS) in Bronchopulmonary Dysplasia (BPD), the Annual Thruway conference, Syracuse, Oct 20th, 2011
- Sfurti Nath et al. *Invited speaker*. Comparison of Postnatal Steroids (PNS) on Respiratory Severity Score (RSS) in Bronchopulmonary Dysplasia (BPD), the 34th American Academy of Pediatrics, Mid Atlantic Conference, Charlottesville, VA, Oct 2011

International

- **Roundtable Panelist:** AAP SOEM Point of Care Ultrasound in Pediatrics (PiP) Subcommittee Roundtable, PAS Annual Meeting, Boston, Apr 24th-27th, 2026
- **Invited Faculty** at a Point of care ultrasound (POCUS) workshop- The (Ultra) Sound Approach to Baby Fever: Utilizing POCUS in the workup of the Febrile Infant at the Pediatric Academic Societies (PAS) conference, Hawaii, Apr 24-28th, 2025
- Sfurti Nath, Renu Sharma. *Invited lecture*. Co-speaker with Dr. Renu Sharma– Necrotizing Enterocolitis: Lessons to be learnt by disease similarity between neonates and adult/Geriatric Population, the European Society of Medicine

(ESMED) General Assembly, Aug 4-6, 2022, Madrid, Spain, (*virtual*)

- Sfurti Nath. *Platform*. Health status of transfusion dependent Thalassemic adolescents. PEDICON 2004 Abstract book, 41st National Conference of Indian Academy of Pediatrics, Chennai, India. 2004 Jan; 41:244-245. (*Gold medal in Research*)
- *Sfurti Nath. Platform*. Use of Sepsis Risk Calculator in safely reducing antibiotic usage in infants evaluated for Early Onset Sepsis. Pediatric Academic Societies Meeting, Toronto, Canada. May 5, 2018 - May 8, 2018

GRANTS AND OTHER FUNDING

- Funding for purchase of Point of Care Ultrasound machine for neonatal intensive care unit at the Women and Infants hospital of Rhode Island, Providence, RI. 11/2024
Funding source: Shriners of Rhode Island Charities Trust.
Funding Amount: \$43,471.30
- Children's Miracle Network Hospitals Grant, Feb 2024: Grant awarded to support establishment of Point of Care Ultra-Sound (POCUS) Program for the division of Neonatology and purchase of POCUS machine for patient care and research.
Award amount: \$48,967.65,
Role: Principal Investigator
- The Gerber Foundation, Feb 2023: Evaluation of a new, highly sensitive, genomics study panel for rapid, non-invasive diagnosis of neonatal sepsis (early onset) in high-risk preterm infants.
Concept letter - accepted
Current status - Not Funded. - To be resubmitted
Role: Principal Investigator
- University of Florida Dean's Fund Faculty Research Grant, Oct 2017 to Sept 2019: Implementation of a Sepsis Risk Calculator (SRC) in Newborn Nursery to reduce Antibiotic usage and Hospital Cost.
Award Amount: \$8775, Role: Principal Investigator

EDUCATION:

NATIONAL:

POCUS WORKSHOP FACULTY

- Invited faculty at NYU Langone Annual Pediatric and Neonatal POCUS CME workshop, New York, *Sept 14-15, 2024, Sept12-13,2025.*

REGIONAL

- **Organizer and Faculty** at Florida Chapter of AAP's Annual Conference- The Future of Pediatric Practice '**Pediatric POCUS Champions Masterclass in Point of Care Ultrasound**'- a featured event. Orlando, FL, *Aug 28-31, 2025*

INSTITUTIONAL

- **Started Division's Point of Care Ultrasound program** as Co-Director of Point of Care Ultrasound, NICU at Women and Infant's hospital of Rhode Island.
- **Created a POCUS scope of practice document** for the division outlining various NICU applications, practice guidelines and credentialing criteria.
- Started formal fellow and APP POCUS Educational Curriculum. (started Jan 2025- Present). Educational curriculum involves regularly scheduled POCUS didactics, POCUS clinical rounds, case discussions, pathways for Q/A and competency assessment.
- POCUS workflow set up with Qpath - an electronic POCUS image software for Q/A, education and research.
- Faculty Development – POCUS educational modules
- Established and trained division's **Point of Care Ultrasound Vascular Access Team** – set up a specialized team of NICU RNs and APPs for POCUS based vascular access for difficult iv access, PICC and PAL placement.
- **Started Division's Biweekly POCUS Newsletter** to foster interest and education within the division for the use of POCUS in day-to-day neonatal practice. October 2025- present

UNIVERSITY TEACHING, ADVISING and MENTORING ROLES

- Associate Professor of Pediatrics at The Warren Alpert Medical School of the Brown University and Staff Neonatologist at the Women and Infant Hospital of Rhode Island. This role provides supervision and education for medical students,

Pediatric residents, and Neonatal -Perinatal medicine fellows in an Academic setting, 07/2024 to present.

- Point of Care Ultrasound NICU Fellow's curriculum- Co-Director
- APP/Faculty POCUS educational curriculum Co-director
- NICU POCUS Vascular access team – Lead and course Director- 11/024 - present
- Clinical Mentor, Dr. Elizabeth McGovern, first year neonatal perinatal medicine fellow, Nov, 2025 – present
- QI mentor – Dr. Elizabeth McGovern PGY6 for her QI project directed at improving education and understanding of BPD in parents of infants with BPD. Nov 2025 to present
- Research Mentor for first year fellow, Dr. Aly Soliman for his research – Evaluation of Lung ultrasound for prediction of extubation outcomes in infants and assessment of the utility of serial lung ultrasound scores in monitoring adequacy of post extubation support. Brown University. Dec 2024-present
- Associate Professor of Pediatrics, University of Florida College of Medicine- Jacksonville (07/2024)
- Assistant Prof. Dept. of Pediatrics (01/2016-06/2024): Appointment at the University of Florida College of Medicine- Jacksonville as Assistant Professor. Teaching and direct supervision of Pediatric, Peds Neurology (Prelim) residents, Family practice residents from Naval hospital and Mayo clinic, Medical Students, Physician Assistants (PA)/Neonatal Nurse Practitioners (NNP)/Trainees etc. both bedside clinical teaching and formal didactic sessions. Received Exemplary Teaching award for three years (2019-20, 2021-22, 2022-23) by the University of Florida College of Medicine-Jacksonville, FL.
- Faculty, Root Cause Analysis workshop – mandatory training for residents, University of Florida College of Medicine- Jacksonville, FL. 2022 to 2024.
- Physician liaison/lead for GME office for division of Neonatal-Perinatal Medicine for Pediatric Residency, University of Florida College of Medicine- Jacksonville, FL. 2016-2024
- Resident Preceptor, Division of Neonatal-Perinatal Medicine, Pediatrics Residency Program, University of Florida College of Medicine-Jacksonville. 2016 -2024

- Faculty long-term Resident Advisor/Mentor, Pediatric Residency program, University of Florida College of Medicine- Jacksonville. 2021 to 2024
- Quality Improvement Faculty for Pediatric Residency Program QI Committee, meeting quarterly to review pediatric residency projects. University of Florida College of Medicine-Jacksonville, 2021 to 2024.
- Faculty for Patient Safety and Simulation workshop for incoming Pediatric residents and fellows, 2021 to 2024.
- Neonatologist (07/2013 – 10/2015): Unity Point Clinic. Teaching and supervision of Family Medicine Residents rotating in the NICU, NNPs, teaching Nursing students from Trinity College of Nursing and Health Sciences
- Clinical Instructor (07/2008-06/2013): Appointment at the State University of New York at Buffalo. Teaching and direct supervision of junior Neonatal-Perinatal Medicine Fellows, Pediatric and Family Medicine Residents, Medical Students, Nurses, NNP/PA trainees, PAs, NNPs and Respiratory Therapists (RT) etc. during clinical rounds as well as formal didactic teaching sessions.

RESEARCH
CURRENT RESEACH/QI PROJECTS

- **Little Lungs Big Love** – A quality improvement project to improve parental communication and education of infants with BPD through a structured, longitudinal, family centered program. QI lead and mentor to Dr. Elizabeth McGovern, first year fellow at the Brown Neonatal Perinatal Medicine fellowship program/Women and Infants Hospital of Rhode Island.
- **BIT:s 2.0** - Project lead- A QI project to improve the quality of care and outcomes of infants with BPD by developing a structured, multidisciplinary BPD team, standardized treatment protocols and a family centered care approach involving transitioning from a BPD consultative practice to a BPD comprehensive care team at an 80-bed regional NICU for the state of Rhode Island.
- *Genotypic and phenotypic characterization of pathogenic neonatal Escherichia coli strains – SIREN Study (Surveillance of invasive and Resistant E. coli in Neonates) Site PI* – multisite

study. Primary PI- Dustin Flannery, DO, MSCE, Children's Hospital of Philadelphia.

- *Multi-omics approach to severe bronchopulmonary dysplasia – a multicenter pilot project – Site PI.* BPD Collaborative Study. PI – Leif Nelin MD and Steve Abman MD
- *Gravitas Feeding Tube System Placement Validation in Neonate- multisite study; Co-investigator- POCUS lead.*
- *Blind Mini-Bronchoalveolar Lavage (BAL) in Neonates with Ventilator Associated Pneumonia and the Impact on Antibiotic Usage, Co-PI.* The primary aim is to determine if bacterial cultures obtained using blind mini-BAL impacts on selection of antibiotics used to treat ventilator-associated pneumonia. Additionally, the study aims to compare bacteria isolated from standard tracheal aspirate to those of mini-BAL and explore neonatal lung microbiome as well as analyze neonatal pulmonary pro-inflammatory responses.
- *Evaluation of Lung ultrasound for prediction of extubation outcomes and assessment of the utility of serial lung ultrasound scores in monitoring adequacy of post extubation support. PI and mentor* for neonatology fellow, Dr. Aly Soliman
- *To improve parental understanding and education on Bronchopulmonary dysplasia- A quality improvement project: team coach/mentor (neonatology fellow)*

CLINICAL:

- **Medical Director of Respiratory Services-** In this role, I coordinate care and communication between medical team and respiratory teams, provide clinical oversight, schedule RT education, evaluate new equipment and ensure smooth functioning and collaboration in the respiratory team. July 2024- present

- **Director, Bronchopulmonary Dysplasia Program-** In this role I serve as the neonatal representative and lead for the multi-disciplinary BIT:s team (BPD interdisciplinary team: severe) that is collaborative team comprised of Neonatology, Peds Pulmonology, Peds Cardiology, and other disciplines within the NICU that care for infants with BPD. I also represent our center at the BPD Collaborative along with my PICU colleague.
- **Setting up a Brown NICU BPD core team-called BIT:s 2.0** and leading transition from a consultative practice to a stand-alone BPD team with evidence based comprehensive BPD care practices, bi-weekly meetings, creation and review of BPD guidelines and protocols of care. Lung ultrasound and hemodynamic evaluations will be integrated with the goal of tailoring management based on unique patient physiology and close longitudinal monitoring to inform care.
- Building research protocols and quality improvement projects to implement best practices for the care of BPD patients.
- POCUS – Setting up a POCUS program for the NICU based on the foundation of a comprehensive educational program with close clinical supervision and hands on scanning practice with close monitoring and robust QA workflow. Trainees, APPs, and faculty interested in POCUS are getting trained with a pathway for competency and credentialing.
- Creation of a POCUS Vascular access team in the NICU and training PICC team nurses on the use of Point of Care ultrasound for obtaining difficult iv access, PICC lines and peripheral arterial lines.
- Setting up POCUS protocols for various POCUS applications in the NICU
- Conceptualizing and leading Brown’s Annual POCUS Bootcamp event as part of New England NICU POCUS Collaborative called **The Brown Beam- NICU POCUS Bootcamp**. Inaugural event at The Women and Infants Hospital of Rhode Island on July 18th/19th, 2026 to train NICU POCUS skills to learners in the New England region.