

# Department of Neonatology

## Accomplishments



**Cicely Fadel, MD**, who in addition to her BIDMC role, is also a Newborn Health Senior Program Officer for the Bill & Melinda Gates Foundation, presented at the foundation's Goalkeepers event in September. The event brought together world leaders, influential changemakers, inspiring speakers and performers and highlights progress towards the United Nations' 17 Sustainable Development Goals (Global Goals) aimed at ending poverty, fighting inequality and injustice, and fixing climate change by 2030. Dr. Fadel's presentation demonstrated innovations in the administration of surfactant medication through a CPAP machine to improve the inflation of premature babies' lungs that can be performed with minimal training in resource poor countries.

To watch her presentation (with a cameo from Bill Gates to show how easy the new equipment is to use) click this link: [How to help newborn babies struggling to breathe - YouTube](#)

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**Yarden Fraiman, MD, MPH**, received the 2023 Harvard Medical School Equity Social Justice and Advocacy Award. In a highly competitive selection process, Dr. Fraiman was one of three HMS faculty recognized for their commitment to advancing equity, social justice, and advocacy, and whose efforts have demonstrated specific contributions toward this work.

Dr. Fraiman also received this year's BIDMC Center for Healthcare Delivery Science Innovation Grant. In this work, he will be collaborating with obstetric colleague, Elysia Larson, and L&D nursing leadership to utilize the Healthcare Racial Justice Assessment Tool (HC-RJAT) tool developed for the NICU JUST babies subcommittee. The aim is to use implementation science methodology to expand this work to the Labor and Delivery Service and measure adaptation, acceptability, feasibility, penetration, and impact.

**Kristyn Beam, MD**, has been accepted as one of 16 participants for the 2023-2024 BILH Physician Leadership Program (PLP). In addition to her substantial leadership in clinical care and in the emerging area of artificial intelligence, Dr. Beam has been instrumental in promoting faculty development and fostering a culture of continuous learning within the Department of Neonatology. During the last year Kristyn worked with Dara Brodsky to create and oversee a novel faculty development program, leading monthly modules and small groups to discuss academic career challenges and encourage self-learning and success within the department.

As a participant in the PLP, over the coming year Kristyn will further develop her leadership skills through individual leadership assessments, group workshops, 1:1 coaching, and project work.

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## Presentations

### **Munish Gupta, MD**

Kaiser Permanente Interregional Neonatology Journal Club, "Opportunities and Challenges for Quality Improvement in Neonatology," Virtual. September 5, 2023

### **Susanne Hay, MD**

jENS, "Systemic corticosteroids for the prevention of bronchopulmonary dysplasia, a network meta-analysis," Rome, Italy. September 22, 2023

jENS, "Moving from evidence to decision in Neonatology," Rome, Italy. September 19, 2023

### **Carol Iizarbe, MD**

AAP Pediatric Hospitalist Conference, American Academy of Pediatrics, "Newborn Surprises," Philadelphia, Pennsylvania. August 4, 2023

AAP Pediatric Hospitalist Conference, American Academy of Pediatrics, "Remain Seated with your oxygen on! Fitness to Fly in At-risk Patients," Philadelphia, Pennsylvania. August 4, 2023

### **DeWayne Pursley, MD, MPH**

National Medical Association, "Addressing DEI Through Assessment, Certification, and Continuous Learning and Improvement," New Orleans, Louisiana. July 31, 2023

### **Elizabeth Oh, MD & Amanda Sanford, MD**

Pediatric Hospital Medicine 2023 / American Academy of Pediatrics, "Newborn Surprises," American Academy of Pediatrics, Philadelphia, Pennsylvania. August 6, 2023

### **Amanda Sanford, MD**

Pediatric Hospital Medicine 2023 / American Academy of Pediatrics, "The Not So Well Well Newborn," American Academy of Pediatrics, Philadelphia, Pennsylvania. August 6, 2023

Pediatric Hospital Medicine 2023/ American Academy of Pediatrics, "Fitness to Fly in an at-risk Population," American Academy of Pediatrics, Philadelphia, Pennsylvania. August 6, 2023

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## Publications

**Kristyn Beam, MD, and Dara Brodsky, MD**

[Performance of a Large Language Model on Practice Questions for the Neonatal Board Examination](#) **Beam K**, Sharma P, Kumar B, Wang C, **Brodsky D**, Martin CR, Beam A.. JAMA Pediatr. 2023 Sep 1;177(9):977-979. doi: 10.1001/jamapediatrics.2023.2373. PMID: 37459084; PMCID: PMC10352922.

**Susanne Hay, MD**

[Systemic corticosteroids for the prevention of bronchopulmonary dysplasia, a network meta-analysis](#). **Hay S**, Ovelman C, Zupancic JA, Doyle LW, Onland W, Konstantinidis M, Shah PS, Soll R. Cochrane Neonatal. 2023 Aug 31; 8(8): CD013730. DOI: [10.1002/14651858.CD013730.pub2](https://doi.org/10.1002/14651858.CD013730.pub2)

**Helen Healy, MD, MPH**

Clinical Protocol - Modes of Ventilation for Treatment of Respiratory Distress Syndrome in Very Low Birth Weight (VLBW) Infants. 2023 Aug 1

**Timmy Ho, MD**

[2023 Update on Pediatric Medical Overuse](#) Money NM, Wolf ER, Marin JR, Liang D, Thomas ET, **Ho T**.. Pediatrics. 2023 Sep 25. doi: 10.1542/peds.2023-062650. PubMed PMID: 37743808

**Jonathan Litt, MD, MPH, ScD**

[Organizational Health Literacy as a Tool for Health Equity: Application in a High-Risk Infant Follow-Up Program](#) Rosenfeld LE, McCullagh K, King CJ, Torres M, **Litt JS**. *Children*. 2023; 10(10):1658. <https://doi.org/10.3390/children10101658>

[Outcomes assessments should reflect the dynamic and contextual nature of early childhood development](#) **Litt JS**, Church PT. *Pediatric Research*. 2023 Sep 13:1-2. <https://doi.org/10.1038/s41390-023-02816-7>