

Dartmouth
Health Children's



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MEDICINE
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Dartmouth-Hitchcock Neonatal-Perinatal Medicine Fellowship Overview

July 2022

By the numbers

- Average daily census: 22-25
- ~ 1200 deliveries per year
 - 45-50% high risk
- ~450 admissions per year
 - 55% of all admissions inborn
 - ~80 VLBW/yr; >85% inborn
- 170-180 transports per year, serving New Hampshire and Vermont



Our Team

- Attending Neonatologists
- Associate Providers
- Fellows
- Residents
- Nurses, respiratory therapists, dietitians, case managers, social workers, chaplaincy, child life specialists, PT/OT/speech



Clinical Rotations

- 36 month fellowship
- 12 months of on-service time in the ICN
 - Initial orientation month
 - Four week blocks
 - Schedule created by fellows
- Maternal-Fetal Medicine rotation
- Elective rotation
 - Radiology, pediatric surgery, cardiology, developmental pediatrics, etc



On-Service Expectations

- Supervise team on rounds
- Supervise and perform procedures
- Evaluate all new admissions
- Prenatal consults
- Attend high risk deliveries
- Participate in in high risk transports with Neonatal Transport Team



Call Schedule

- One call per week on a weekday (7p-7a)
 - Excludes on-service months
 - Frontline provider in the ICN
 - +/- residents depending on schedule
 - Attendings are not in house
- One weekend 24 hour call per month
 - During the day function in the supervisor role
 - 7p-7a provider in the ICN



Regional Care Model

- Large catchment area
- Transport conferences with referral hospitals
- Perinatal Outreach



Neonatal Transport Team

- Dartmouth-Hitchcock Advanced Response Team (DHART)
- Two person team versus three person team
- Simulation skill days
- Excellent resources in the ICN



Telemedicine

- Established in 2017
- Set up in 9 regional hospitals
- Support local pediatricians or Emergency physicians
- Consultations
- Evaluation and management
- Delivery room resuscitation guidance



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Transitional Long Term Care Clinic

- Longitudinal experience
- Multidisciplinary Care
- Home visits
- New England Follow-Up Network
- Research opportunities



Research

- Scholarly Activity
 - Each fellow required to complete a scholarly activity project
 - Scholarly Oversight Committee
- Quality Improvement
- Unique Opportunities
 - The Dartmouth Institute
 - Children's Environmental Health and Disease Prevention Research Center
 - Leadership Preventive Medicine Residency Program

Leadership Preventive Medicine Residency

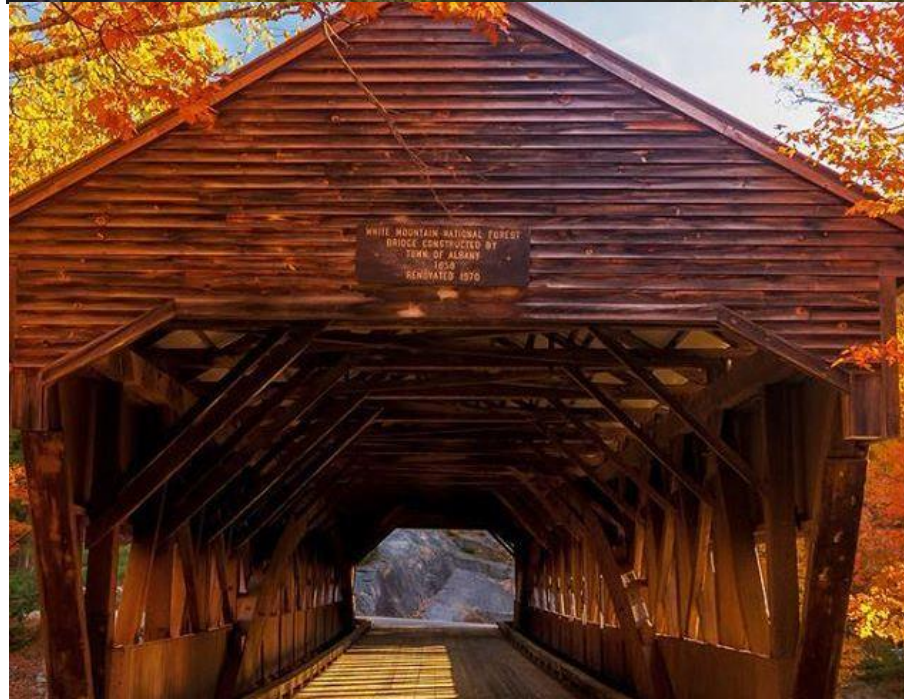
- Two year program sponsored by GME office
- Extends fellowship by one year, approved by American Board of Pediatrics
- Scholarly activity/research focused in LPMR



Leadership Preventive Medicine Residency

- LPM residents and fellows improve care for patients and families served by D-H by designing and leading a practicum focused on a specific patient population/subpopulation.
- MPH Classwork at The Dartmouth Institute (TDI) supports these efforts.
- Exposure to governmental public health connects us to the larger community.
- Graduates board eligible in Preventive Medicine

Life in the Upper Valley





Neonatal-Perinatal Medicine
Fellowship, Children's Hospital

Thank you.

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