About the Division of Neonatology

The NYU School of Medicine Division of Neonatology is a multifaceted program whose goals are to provide excellence in all areas of clinical patient care, medical education, and medical research. The Division of Neonatology provides inpatient care at two primary clinical sites.

These two sites are the Neonatal Intensive Care Units at NYU Langone Medical Center and Bellevue Hospital Center. Both of these NICUs are New York State designated Regional Perinatal Tertiary Care Centers. The faculty at the NYU School of Medicine provides oversight of care at each NICU. The staff working in these NICUs are responsible for all clinical care and lead a team of infant care takers. This team, besides the faculty attending neonatologist, includes Neonatology fellows, who are Pediatricians training to take care of critically ill infants, Pediatric residents, Neonatal nurse practitioners and physician assistants, NICU nurses, infant developmental specialists, psychologists, occupational and physical therapists, respiratory therapists, Pediatric subspecialty physicians, social workers, and other vital support staff. Together, this team ensures that high quality care is constantly provided to infants needing special care.

In addition to inpatient care, the Division of Neonatology is also responsible for overseeing follow up care of our NICU graduates. These infants come to our Neonatal Comprehensive Continuing Care Program, where there is a large team of infant care specialists monitoring infant growth and development. This team is lead by the faculty attending Neonologists.
Research Activities

The research activities that students will participate in range from various areas of Neonatal care. These projects can vary from year to year, but all have a focus on improving infant health care. The projects are created by the Neonatal faculty, but students may then contribute to specific research design once assigned to and involved in a project. A majority of projects will be either translational or clinical research, however, there have been projects in the past that have centered around bench research activities. Examples of recent projects include exploring the utility of reflux medications in the preterm population, risk factors associated with prolonged neonatal apnea of prematurity, and analysis of methods designed to improve infant feeding and weight gain.

Medical Student Summer Program

Medical students will receive an assigned research project, as well as an assigned Neonatology fellow and faculty research mentor. In addition, the medical student will oversee and mentor an assigned undergraduate student who will work on the research project with you. Students will be exposed to shadowing experiences that will include time in the NICU as well as in a clinical setting. There is a $1500 stipend awarded to accepted medical students that can go towards travel or living expenses while participating in the program. Housing and support for other living expenses beyond the stipend amount is not provided.

Undergraduate Student Summer Program

The program offers undergraduate students who are premedical students or interested in going to medical school an introduction into research, patient treatment, and other issues related to Neonatology. Undergraduate students will be assigned to a research project, as well as assigned to a Neonatology faculty and fellow mentor, as well as a medical student mentor. This program offers the undergraduate student exposure to a broad spectrum of health care providers and shadowing opportunities. Undergraduate students must be in good standing at their institution and students at any year in their studies may apply. There is a $1000 stipend awarded to accepted undergraduate students that can go towards travel or living expenses while participating in the program. Housing and support for other living expenses beyond the stipend amount is not provided.

Program Directors

Pradeep Mally, M.D. FAAP
Associate Prof. of Pediatrics
New York University School of Medicine
Division Chief, Neonatology

Sean M. Bailey, M.D. FAAP
Assistant Prof. of Pediatrics
New York University School of Medicine

Program Administrator
Adriana Pascal

If you would like more information on the JCE Neonatology Summer Scholars Research Program or would like to apply, please visit our website.

Here you will find the most updated information as to recent research projects, annual application deadline dates and program start and end dates, as well as an online application.

The website can be found at: http://pediatrics.med.nyu.edu/neonatology/medical-education/summer-scholars-program

You can also contact the program administrator, Ms. Adriana Pascal by email or phone: Adriana.pascal@nyumc.org (212) 263-7286