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EDUCATION

Anticipated Graduation 2025 Doctor of Medical Science	Northeastern University
1998 Master of Science in Nursing	Northeastern University Advance Practice Nurse, Neonatal
1992 Bachelor of Science	University of Saint Joseph Nursing

ACADEMIC POSITIONS

September 2007- present Northeastern University	Part time faculty and coordinator of the Neonatal Program Associate Clinical Professor
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PROFESSIONAL CLINICAL EXPERIENCE

Sept 2008- present Boston Children's Hospital	Lead Neonatal Nurse Practitioner South Shore Hospital Neonatal Intensive Care Unit
Dec 1998- Aug 2008 Beth Israel Deaconess Medical Center	Neonatal Nurse Practitioner Department of Neonatology
1995-1998 Beth Israel Deaconess Medical Center	Clinical Nurse, RN 3 Department of Neonatology
1992-1995 Johns Dempsey Hospital	Clinical Nurse Department of Neonatology

PROFESSIONAL GROWTH

Refereed Journal Articles

DeGrazia, M., Giambanco, D., Hamm, G., Ditzel, A., Tucker, L., & Gauvreau, K. (2015). Prevention of deformational plagiocephaly in hospitalized infants using a new orthotic device. *Journal of Obstetric, Gynecologic & Neonatal Nursing*, 44(1), 28-41.

Participation in Professional Organizations

National Association of Neonatal Nurses

Professional Certifications

1998-present	Neonatal Nurse Practitioner
2009- present	S.T.A.B.L.E certified Instructor
1992- present	Neonatal Resuscitation Provider: Instructor

TEACHING EFFECTIVENESS

Curriculum Development and Teaching Innovations

2010 NRSNG 6116 Advanced Health Assessment of the Neonate

Developed course as an online learning environment utilizing a mix of synchronous and asynchronous activities to address the specific needs of the neonatal population. Activities include small stakes writing and utilization of unfolding clinical scenarios to develop skills in health assessment of the neonate.

NRSNG 6232 Neonatal Pharmacology
NRSNG 6430 Neonatal Clinical Practicum 1
NRSNG 6431 Neonatal Clinical Practicum 2
NRSNG 6432 Neonatal Clinical Practicum 3

Restructured course as an online learning environment with a mix of synchronous and asynchronous activities with opportunities for increased engagement with small stakes writing and unfolding clinical scenarios to further develop skills in all aspects of the advance practice nurse management process.

Courses Taught

2023 NRSNG 2350 Integrated Pathophysiology and Pharmaceutical Interventions for Nursing Practice

2010- present NRSNG 6116 Advanced Health Assessment of the Neonate

2007-present NRSNG 6232 Neonatal Pharmacology
NRSNG 6430 Neonatal Clinical Practicum 1
NRSNG 6431 Neonatal Clinical Practicum 2
NRSNG 6432 Neonatal Clinical Practicum 3

SERVICE

Service to the Profession

1. 2019-present Neonatal Faculty Forum
National forum of Neonatal Nurse Practitioner program faculty to discuss current practices, educational needs of students and proposed changes to the academic support for our students. Meet monthly.
2. 2007- present Formal and informal education of nurses and respiratory therapist in the NICU. Topics:

- a. Transition from In Utero to Extra Uterine Life
- b. Thermoregulation
- c. Hypotension in the Neonate
- d. Hypoglycemia in the Newborn
- e. Cyanotic and Acyanotic Cardiac Lesions in the Neonate
- f. Respiratory Distress Syndrome
- g. Chronic Lung Disease in the Neonatal Population
- h. Meconium Aspiration Syndrome
- i. Infant led oral feedings, why this is the best approach?
- j. The Substance Exposed Newborn
- k. Neonatal Seizures
- l. Necrotizing Enterocolitis
- m. Infant of a Diabetic Mother
- n. Hyperbilirubinemia in the Newborn
- o. Retinopathy of Prematurity
- p. Stabilization of ill newborn during ground transportation
- q. Active whole-body cooling on ground transport
- r. Gastroesophageal Reflux in the Newborn, non-pharmacologic approaches
- s. Neonatal Stabilization for the Pediatric Emergency Nurse

3. 2010-2011 **The Substance Exposed Newborn: What's all the crying about?**

Developed and presented a one-day collaborative conference on the pathophysiology and medical treatment of the substance exposed newborn. The presentation included social work, pharmacy, nursing, occupational therapy, and nurse practitioner. Each discipline presented current research on the understandings of the substance exposed infant with modalities to support the mother infant dyad. Substances discussed included illicit substances, prescribed medications and psychiatric medications mothers ingest during pregnancy.

4. 2008-present **Clinical preceptor for Neonatal Nurse Practitioner Students**

Provided individualized direct education of pathophysiology and medical management of preterm and sick neonates to neonatal nurse practitioner students from a variety of schools of higher learning. Students are at different points in their clinical education and expectations are outlined with weekly meetings held to provide direct feedback to the student and devise a plan of action for the coming weeks. Experiences included neonatal resuscitation with attendance of high-risk deliveries, prenatal consultations with expectant families with known neonatal complications, management of infants from birth through discharge, support the development and knowledge of differential diagnosis and associated diagnostics for each patient and diagnosis. Technical skills taught and supported include intubation, thoracotomy, needle thoracotomy, laryngeal mask airway placement with surfactant administration, oral intubation, arterial blood sampling, peripheral intravenous placement, umbilical arterial catheterization, umbilical venous catheterization, percutaneous intravenous central catheter placement, lumbar puncture diagnostic and therapeutic.

5. 1996-2000 **NICU Family Support Group**

Developed a weekly support group for families with infants in the NICU to meet and discuss a selected topic as well a personal experiences and struggles. Provided a safe place for parents to express concerns, celebrations and learn about common diagnosis and treatments in the NICU population. Utilized former NICU families as guest speakers to

provide further hope to current families of the what the future holds. The group was run by a nurse practitioner and a social worker.

Service to the Community

1. 2010-20012 Massachusetts Department of Child and Family Services
Met on a bi-monthly basis with expectant mothers currently within the DCFS system to educate and support their understanding of newborn care, care of the substance exposed newborn and topics pertaining to safe sleep, car seat use and guidelines, neonatal withdrawal syndrome, shaken baby, signs and symptoms of an ill infant and who to contact.