**Rachel Lyons, PhD, DNP, RN, APN, CPNP- PC/AC, DCC**

## Title and Address: Contact Information:

Associate Professor

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# Education

## Highest Earned Degree

Doctor of Philosophy, Nursing Science, Duquesne University, 2022.

Dissertation: The Relationship Between Urban Green Space Perception and Use Within the Adolescent Population: A Focused Ethnography

Doctor of Nursing Practice, Columbia University, 2007.

## Other Earned Degrees

Master of Science in Nursing- Maternal Child Health, Pediatric Nurse Practitioner, Boston College, 2002.

Bachelor of Science in Nursing, University of Rhode Island, 1997.

## Certificates and Licenses Held

Certified Pediatric Nurse Practitioner (Acute Care # 20071193 renewal due 2/28/2023) (Primary Care # 20020296, renewal due 2/28/2023)

State of NJ nurse practitioner with prescriptive privileges license number 26NJ00350100

State of RI nurse practitioner with prescriptive privileges license number 37204 State of NY nurse practitioner with prescriptive privileges license number 381545 Certified Emergency Nurse – Date of Initiation- 2005, Expiration 8/31/2023

Diplomate of Comprehensive Care – Date of Initiation -2010

# Honors and Awards

## Professional Awards and Honors

2014 Columbia University Distinguished Alumna Award for a Distinguished Career in Education 2014 NAPNAP Foundation Scholarship

2012 March of Dimes Honoree Nurse of the Year

2008 Outstanding Attending Nurse Award- Columbia University 2006 Winner of the Campus RN/AACN Scholarship

# Employment History

09/2018- present **Associate Professor, Tenured, Montclair State University School of Nursing**

07/2014-07/2017 **Clinical Associate Professor, Non Tenure Track Rutgers University School of Nursing**

07/2013-07/2015 Specialty Director, Pediatric Nurse Practitioner Program, Rutgers College of Nursing

09/2011-07/2014 **Assistant Clinical Professor, Rutgers University College of Nursing**

Collaborated with colleagues to develop and implement post BSN-DNP pediatric curriculum changes when two schools of nursing merged as one.

Revised graduate pediatric curriculum and dual pediatric/ family nurse practitioner curriculum that was implemented in September 2013.

Developed simulation education for graduate students prior to entering and during practicum experience.

Mentored graduate and undergraduate students via independent studies and/ or capstone projects.

2009-2011 **Adjunct Clinical Faculty, Concordia College, School of Nursing**

09/2007-09/2011 **Assistant Clinical Professor/Faculty Pediatric Nurse Practitioner**

Columbia University School of Nursing, Department of Pediatric Orthopaedic Surgery, Morgan Stanley Children’s Hospital of New York

Initiated orthopaedic practice to meet the needs of underserved pediatric population within the New York City metro area, managing and coordinating care to those with complex comorbid conditions.

Provided post -operative orthopaedic surgical care to children, not limited to posterior instrumentation and fusion, open reduction and internal fixation, limb and deformity correction.

Performed mining and analysis of data to generate evidence from practice to improve patient care and outcomes.

Provided educational leadership/mentorship at the masters and doctoral level for students in medicine and nursing.

2006 **Adjunct Clinical Faculty**

Columbia University School of Nursing

2004-2007 **Clinical Faculty**

Salve Regina University

Pediatric Department Chair-Provided leadership to undergraduate nursing students throughout their pediatric practicum and theory, utilizing evidence -based literature specific to pediatrics via didactic lectures, case studies and student presentations.

## Professional Experience- Practice

05/2002-present **Pediatric Nurse Practitioner- Acute Care**

Hasbro Children’s Hospital/ Brown University Emergency Medicine

Provide collaborative, quality, acute care for pediatric patients in an urban trauma setting.

Procedures not limited to laceration repair, fracture management, lumbar puncture, joint aspiration, thoracotomy tube insertion, intubation, and complex medical management.

Level 1 trauma, disaster training and mass casualty experience.

Provide pediatric advanced life support education for intra hospital health care providers.

Served on pediatric quality improvement teams for best practice management and treatment in the pediatric population

Develop and implement departmental procedures and policies employing best practice

01/2012-2020 **Pediatric Nurse Practitioner- Acute Care**- Newark Beth Israel Pediatric Emergency Department

2000-2002 **Pediatric Nurse**

Hasbro Children’s Hospital, Emergency Department Level I Trauma Center

1999-2000 **Pediatric Nurse (travel position)**

Yale New Haven Children’s Hospital

## 1999 Pediatric Nurse (travel position)- Bone Marrow Transplant Unit

Oregon Health Sciences University

1997-1999 **Pediatric Nurse- General Care Unit**

Hasbro Children’s Hospital

# Publications

## Chapters in Books or Monographs

Lyons, R. (2022). Nursing care of a family with an ill child. In J. Silbert-Flagg & A. Pillitreri (Eds.), *Maternal and Child Health Nursing: Care of the Childbearing and Childrearing Family,* 9th ed. (chapter 36). Philadelphia, PA: Lippincott, Williams and Wilkins.

Lyons, R. (2022). Nursing care of a family when a child needs diagnostic or therapeutic modalities. In J. Silbert-Flagg & A. Pillitreri (Eds.), *Maternal and Child Health Nursing: Care of the Childbearing and Childrearing Family*, 9th ed. (chapter 37). Philadelphia, PA: Lippincott, Williams and Wilkins.

Lyons, R. (2022). Nursing care of a family when a child has a musculoskeletal disorder. In J. Silbert-Flagg & A. Pillitreri (Eds.), *Maternal and Child Health Nursing: Care of the Childbearing and Childrearing Family*, 9th ed. (chapter 51). Philadelphia, PA: Lippincott, Williams and Wilkins.

Lyons, R. (2019). Global pediatric considerations. In N. Eckle, P.Baker & K.Haley (Eds.), *Emergency Nursing Pediatric Course: Provider Manual,* 5th ed. (pp. 5-12). Des Plaines, IL: Emergency Nurses Association.

Lyons, R. ( 2018). Nursing care of a family with an ill child. In J. Silbert-Flagg & A. Pillitreri (Eds.), *Maternal and Child Health Nursing: Care of the Childbearing and Childrearing Family,* 8th ed. (chapter 36). Philadelphia, PA: Lippincott, Williams and Wilkins.

Lyons, R. ( 2018). Nursing care of a family when a child needs diagnostic or therapeutic modalities. In J. Silbert-Flagg & A. Pillitreri (Eds.), *Maternal and Child Health Nursing: Care of the Childbearing and Childrearing Family*, 8th ed. (chapter 37). Philadelphia, PA: Lippincott, Williams and Wilkins.

Lyons, R. (2018). Nursing care of a family when a child has a musculoskeletal disorder. In J. Silbert-Flagg & A. Pillitreri (Eds.), *Maternal and Child Health Nursing: Care of the Childbearing and Childrearing Family*, 8th ed. (chapter 51). Philadelphia, PA: Lippincott, Williams and Wilkins.

Lyons, R. (2015). Musculoskeletal disorders in J. Silbert-Flagg & E. Sloand (Eds.), Pediatric Nurse Practitioner Review Guide 6th ed. Burlington, MA: Jones and Bartlett.

Lyons, R. (2010). Musculoskeletal disorders Questions. In J. Silbert-Flagg & E. Sloand (Eds.), Pediatric Nurse Practitioner Certification Study Question Book. Sudbury, MA: Jones and Bartlett.

Lyons, R. (2010). Musculoskeletal disorders. In J. Silbert-Flagg & E. Sloand (Eds.), Pediatric Nurse Practitioner Certification Review Guide (pp. 233-249). Sudbury, MA: Jones and Bartlett.

Lyons, R. (2010). Adolescent male with traumatic brain injury. In J. Smolowitz, J. Honig, & C. Reinisch (Eds.), Writing DNP Clinical Case Narratives (pp. 99-118). New York, NY: Springer.

## Articles in Refereed Journals

Lyons, R., Colbert, A., Browning, M., & Jakub, K. (2022). Urban greenspace use among adolescents and young adults: An integrative review. Public Health Nursing, 39(3), 700–718. <https://doi.org/10.1111/phn.13010>.

# Lyons, R. (2019). 2020’s year of the nurse and midwife offers golden opportunity to profession. *Emergency Nurse, 27,* 5.

# Lyons, R. (2018). Is your emergency department ready to treat children this winter? *Emergency Nurse, 27,*15.

Lyons, R. (2017). Change to healthcare is history repeating itself. *Emergency Nurse. 25*, 16.

Lyons, R. (2016). A tale of two proposals. *Emergency Nurse, 24*, 16.

Lyons, R. (2015). Acute limping in a young child: Evaluation and management review. *The Journal of Nurse Practitioners,11,* 1004-1010.

Lyons, R. (2015). Changing roles. *Emergency Nurse, 24,* 10.

Reinisch, C., Lyons, R., Quinn, M., & Kelly, S. (2015). From capstone to community: translating a

capstone project to a community setting as a component of a comprehensive program to address childhood obesity. *Clinical Scholars Review, 8,* 160-163

Mahat, G., Lyons, R., & Bowen, F. (2014). Early childhood caries and the role of the pediatric nurse practitioner. *The Journal for Nurse Practitioners, 10,* 189-193.

Lyons, R. (2014). Revisiting protocols. *Emergency Nurse, 23,* 14.

Sivitz, A., & Lyons, R. (2013). Mid gut volvulus identified by pediatric emergency ultrasonography. *The Journal of Emergency Medicine,* 45, e 173-174.

Reinisch, C.E., & Lyons, R. (2013). Is this a case of EMTALA violation? *Advanced Emergency Nursing Journal, 35* 328-331.

Lyons, R. (2013). Managing change. Emergency Nurse, 20, 10.

Lyons, R., & Reinisch, C.E. (2013). Legal and ethical implications of social media in the ED. *Advanced Emergency Nursing Journal, 35* 53-56.

Reinisch, C.E., Lyons, R., Pesagno, R., Kwong, J. & Quinn, M. (2012). Opportunities and challenges faced by Doctor of Nursing Practice-prepared faculty in academic institutions: One school's story. *Clinical Scholars Review, 5*, 82-85.

Lyons, R. (2012). Treating venous thromboembolic events in the pediatric population. *The Nurse Practitioner, 37,* 47-52.

Lyons, R. (2008). Elusive belly pain and Guillain barre. *Journal of Pediatric Health Care, 22,* 310-314.

Lyons, R. (2006). Case in point: heart block as the presenting symptom of Lyme disease. *Consultant for Pediatricians, 5,* 781-784.

## Scholarship Other

Fellow in the 2013 Summer Nursing Research Institute by the University of Pennsylvania. Weeklong focus: *Designing Health Promoting Interventions to Reduce Health Disparities.*

# Teaching Activities

## Curricular Development - Courses and Programs Developed/ Revised.

5/2020 (MSU)Revised Nursing 505, Advanced Pathophysiology. This course systematically investigates the disruption to normal functions of cells, tissues, organ systems, and individual's ability to function caused by disease and injury. Advanced practice nurses understand the connection between signs and symptoms various conditions related to the alteration in normal physiology. This course analyzes the mechanism(s) of production of the symptoms and signs of different disease syndromes. Students understand the mechanism(s) underlying the disease and its clinical manifestations to assist in the development of therapeutic planning. Appropriate screening and diagnostic laboratory evaluative methods are explored.

9/2019 (MSU)Developed Nursing 335, Care of Children and Adolescents Course. This course focuses on the theoretical and scientific knowledge relevant to the nursing care of culturally diverse children and adolescents and on the clinical application of knowledge in the nursing care of children and adolescents. Emphasis is placed on knowledge and clinical reasoning pertinent to health promotion, risk reduction, and disease prevention.

7/2019 (MSU)Created Nursing 525, Advanced Health Assessment Course. The course presents the theoretical and clinical principles of advanced health assessment. Emphasis is placed on the physical, psychosocial, and cultural assessment skills necessary for developing a comprehensive database, clinical decision making, and diagnostic reasoning.

9/2018 ( MSU)Developed Nursing 200, Pathophysiology Course. This online course is designed to build upon prerequisite knowledge of human anatomy and physiology and biochemistry to systematically investigate how disease and injury disrupt the normal functions of cells, tissues, organ systems, and ultimately individual's ability to function within the environment. Emphasis is placed on linking concepts that address the etiology of physiologic disturbance, divergence from normal function, clinical manifestations of altered homeostasis, and pharmacologic interventions.

9/2012 ( Rutgers) Collaborated and revised post BSN-DNPpediatric theory course work ( theory I-IV).

Collaborated and developed new graduate pediatric course for FNP students that commenced in summer 2014.

**Courses Taught- Montclair State University**

9/2022 Nursing 200, Pathophysiology

9/2022 Nursing 603, Care of Children and Adolescents ( pre licensure MSN students)

1/2022 Nursing 525, Advanced Health Assessment ( post licensure students)

1/2022 Nursing 335, Care of Children and Adolescents, Didactic & Practicum

9/2021 Nursing 525, Advanced Health Assessment ( post licensure students)

9/2021 Nursing 603, Care of Children and Adolescents ( pre licensure MSN students)

6/2021 Nursing 525, Advanced Health Assessment ( pre licensure MSN students)

1/2021 Nursing 335, Care of Children and Adolescents, Didactic & Practicum

1/2021 Nursing 525, Advanced Health Assessment ( post licensure students)

9/2020 Nursing 200, Pathophysiology

9/2020 Nursing 431 Population and Global Health Practicum

9/2020 Nursing 525, Advanced Health Assessment ( post licensure students)

6/2020 Nursing 505, Advanced Pathophysiology

1/2020 Nursing 335, Care of Children and Adolescents, Didactic & Practicum

9/2019 Nursing 200, Pathophysiology

9/2019 Nursing 525, Advanced Health Assessment

6/2019 Nursing 450, Nursing Scholarship

1/2019 Nursing 240, Health Assessment

1/2019 Nursing 200, Pathophysiology

9/2018 Nursing 210, Professional Nursing

9/2018 Nursing 220, Growth and Development Across the Lifespan

9/2018 Nursing 431, Population and Global Health Practicum

## Volunteer Work

2020- present Mentor in Columbia University’s Student Alumni Connection Program for the School of Nursing.

# Conference Presentations, Lectures, Demonstrations

## Papers, Presentations and Lectures

Lyons, R. (2022). Through the lens of an adolescent: Perception and use of urban green space. 51st *Annual North American Association for Environmental Education Conference*, Tucson, Arizona, October 12-15. Virtual Bright Spot Presentation.

Reinisch, C., Duffy, M., Joseph, Y., Lyons, R., & Smolowitz, J. (2022). Nurse practitioner mobile practice increases COVID 19 vaccination access for marginalized, vulnerable, and underserved populations. *12th ICN NP/APN Network Conference*, Dublin, Ireland, August 21 – 24 (Abstract # 23, podium presentation).

Lyons, R., Colbert, A, Browning, M., Jakub, K. (2022). Adolescents’ use of urban green space: An integrative review. *Sigma Theta Tau 33rd International Nursing Research Congress,* Edinburgh, Scotland, abstract accepted for in person pekachuka presentation July 21-25, 2022.

Reinisch, C., Duffy, M., Joseph, Y., Lyons, R., & Smolowitz, J. (2022). Engaging in interprofessional collaboration to increase Covid 19 vaccine access for homebound community members. *Sigma Theta Tau International: Creating Healthy Work Environments 2022*, Washington, DC, abstract accepted for in person pekachuka presentation March 24-26, 2022, virtual March 31- April 1, 2022.

“Community perception of urban green space: A focused mini ethnography.” Lyons, R. (2020). Podium Presentation (virtual), American Public Health Association Annual Conference, San Francisco, CA, October 24-28, 2020.

“Adolescent Feelings, Thoughts, and Experiences on Social Media.” Kelly, S., Lyons, R., Bock, J., & Goldstein, S. (2020). Podium Presentation, Sigma Theta Tau 5th Biennial European Conference, Coimbra, Portugal, May 2020.

“Intersection of Social Media, Ethnicity and Adolescence.” Lyons, R., Kelly, S., Goldstein, S., & Bock, J. Poster presentation at the American Public Health Association Annual Conference, Philadelphia, PA. November 2-6, 2019.

“Adolescent Feelings, Thoughts and Experiences on Social Media.” Bock, J., Kelly, S., Lyons, R., & Goldstein, S. Poster presentation at the American Public Health Association Annual Conference, Philadelphia, PA. November 2-6, 2019.

“Influences of Social Media on Gender.” Lyons, R., Kelly, S., Goldstein, S., & Bock, J. Poster presentation at Duquesne University’s 25th Anniversary Celebration, Pittsburgh, PA. May 13, 2019.

Lyons, R., & Reinisch, C.E. (2016). Interpreting DNP recommendations. Submitted and accepted: AACN's 2016 Doctoral Education Conference: Enhancing Nursing Science and Improving Patient Care through Big Data. January 21-23, 2016, Naples, FL.

"Pediatric Acute Neuropsychiatric Disorders Associated with Strep." Lyons, R., & Sharpe, D. New Jersey NAPNAP: Continuing education session, New Brunswick, NJ; December 5, 2015.

"Innovative Academic and Clinical Education for Pediatric Nurse Practitioner Students." Lyons, R. 16th Healthcare Interdisciplinary Research Conference, Dublin, Ireland; November 4-5,2015.

"Acute Care Cardiac Cases: From ER to PICU, what goes bump in the chest? " Joiner, J., & Lyons, R. NAPNAP National Conference, Las Vegas, NV; March 12, 2015.

"Exergaming and Healthy Behaviors; Using Technology in School to Bridge the Gap." Lyons, R., Quinn, M., Reinisch, C., Kelly, S., & Hyunh, T. Poster Presentation at the National Association of Pediatric Nurse Practitioner’s (NAPNAP) 35th Annual Conference. Boston, MA. March 11-14, 2014.

* Just dance! Ways to encourage activity in the home and school using active video gaming." Quinn, M., Reinisch, C., Kelly, S., & Lyons, R. NAPNAP National Conference, Boston, MA; March 2014.

"Interactive Video Gaming in an Urban, Underserved Charter School as a School Based Childhood Obesity Intervention." Reinisch, C., Lyons, R., Kelly, S., & Quinn, M. Poster Presentation, 6th annual Doctor of Nursing Practice National Conference, September 25 - 27, 2013.

"Interprofessional Collaboration to Meet the Needs of an Underserved Charter School as a School Based Childhood Obesity Intervention." Lyons, R., Reinisch, C., Kelly, S. & Quinn, M. Podium presentation, 6th annual Doctor of Nursing Practice National Conference, September 25 - 27, 2013.

"Innovation in Practice- Utilization of Nurse Practitioners in the Emergency Department." 7th International Nurse Practitioner/Advanced Practice Nursing Network Conference Advanced Nursing Practice: Global Vision- Global Reality. Imperial College, London, England; August 22, 2012

"Pediatric Simulation: Preparing NP Students." Lyons, R., Bowen, F., Quinn, M., Poster Presentation, 49th Annual Isabel Maitland Stewart Conference on Research in Nursing Friday, April 27, 2012, Teachers

College Columbia University, New York, NY

"Preparing pediatric nurse practitioner students with simulation." 30th Annual International Interprofessional Technology Conference, New Brunswick, NJ; April 17, 2012.

“Advanced Suturing for Advanced Practice Nurses.” NAPNAP National Conference Baltimore, MD, March 2011.

“Haiti, Lessons Learned.” Hunter College, May 2010.

“Pediatric Orthopaedic Trauma.” At New England Regional Symposium, April 2009.

# Organizing and Chairing Activities

## Participation in in Faculty Governance at University and School Level.

2019- present: Serve as voting faculty committee member for Montclair State University Undergraduate Curriculum Committee. As a faculty representative, my role includes making recommendations regarding the undergraduate curriculum; review proposals for new and changes to existing undergraduate majors, minors, and concentrations; receive and respond to proposals for changing various academic policies which have an impact on the undergraduate curriculum.

2021- present: School of Nursing Personnel Advisory Committee member. Review faculty for reappointment, promotion and tenure.

2020- present: Serve as Chair on School of Nursing’s Curriculum Committee.

2019- Served on five faculty search committees to hire and fill faculty roles of Maternal Child Health and Medical Surgical positions.

## Participation in Organizing or Chairing Conferences, Workshops, and Organizations

2015- present: Serve as a committee member for Columbia University Distinguished Alumni Awards.

# Editorial Activities

## Membership on Editorial Boards of Scholarly or Professional Journals

2014- present ICAN: Infant, Child, & Adolescent Nutrition Peer Reviewer. Review at least 1 manuscripts/year.

2013- present Journal of Nurse Practitioners Peer Reviewer. Review at least 4 manuscripts/ year 2012- present Editorial Advisory Board Member: Emergency Nurse Journal. [www.](http://www/)

emergencynurse.co.uk . Serve on advisory board and review at least 4 manuscripts/year.

2011-2015 Clinical Scholars Review. Reviewed 2 manuscripts/year.

# Memberships

## Membership/Offices Held in Scholarly and Professional Societies

01/2021- present New Jersey State Nurses Association, Region 3- Secretary

08/2016-08/2017 Immediate Past President NJ NAPNAP- serve as member of board and continue to plan and implement activities as designated by the president.

08/2015-08/2016 President NJ National Association of Pediatric Nurse Practitioners ( NAPNAP) 08/2014-2017 Emergency Nurses Association-Peer Review Education Committee-Member

08/2014-08/2015 President elect NJ National Association of Pediatric Nurse Practitioners 09/2011- present NJ State Nurses Association- Member

2010-2016 American Board of Comprehensive Care- Diplomate

08/2007-2017 Pediatric Nursing Certification Board- Acute Care Committee

11/2004- present Emergency Nurses Association- Member

10/2000- present National Association of Pediatric Nurse Practitioners (NAPNAP)-Member

04/2000- present Sigma Theta Tau- Alpha Chi Chapter- National Honor Society for Nurses

# Funding

## Funded Research and/or Training Grants

2017 National Institutes of Health, Ruth L. Kirschstein Institutional National Research Service Award (T32). Lyons, R first year PhD student at University of Pennsylvania.

2015-2017 Does physical activity influence children's self-concept. The purpose of this study was to explore if physical activity influences adolescents' self-concept. The study was conducted at the Salvation Army Boys and Girls Club in the Ironbound Section of Newark, NJ. School of Nursing Department funded.

[Lyons 25% as a pediatric health care provider expert], Kelly, S., LaFountain, J., Lyons, R., Reinisch, C.

## Externally Funded Research and/or Training Grants

2013 (Grant Amount: $1,000) Macy's Grant for the Middle School Obesity Prevention initiative, Reinisch, C., Lyons, R., Kelly, S., & Quinn, M.

## Externally Not Funded Research and/ or Training Grants

2021 Sigma Theta Tau- Small Grants. Provides grants up to $5000.00 to encourage nurses to contribute to nursing through research. PI- Lyons, R. (not awarded).

2021 2022 American Nurses Association Innovation Award (2021). Nursing education community partnership: Vaccinating homebound persons for COVID-19. Applied for $50,000 team award. PI- Reinisch, C., Team - Duffy, M., Joseph, Y., Lyons, R., & Smolowitz, J. (finalist, not funded).

2021 2022 American Nurses Foundation Reimagining Nursing, Request for Proposal (application submitted 10/31/2021). Community-Based Faculty Practice and Nursing Education Initiative: Innovative Partnerships for Health Equity and Coordinated Care. Applied for $1,500,000 innovation 3-year award. PI- Reinisch, C., Team - Duffy, M., Joseph, Y., Lyons, R., & Smolowitz, J. (not funded).

2020 National Institutes of Health (R15 application submitted Fall 2019 for $300,000 in direct costs plus applicable indirect costs for up to 3 years). Digital Music Application Pain Profile. PI- Viega, M., Co PI- Lyons, R., Abrams, B., Keenen, J., & Manzo, V.J. (scored but not funded)

2014 Grant Amount: $940,739) PCORI- reducing health disparities by providing a structured exergaming program, participants will have the opportunity to engage in physical activity thus preventing the adverse effects of a sedentary lifestyle. Kelly, S., McDonnell, K, Lyons, R., Reinisch, C., Quinn, M. (not funded)

2013 (Grant Amount: $50,000) Active video gaming and nutrition education as a means to prevent obesity in an urban charter school (not funded), Reinisch, C., Lyons, R., Kelly, S., & Quinn, M. (not funded)

2013 (Grant Amount: $100,000) Mindful Eating Practice as a Middle School Aged Childhood Obesity Prevention Method in an Urban Charter School Setting. Grant noy funded., Reinisch, C., Holzemer,W., Lyons,R., Quinn,M., Kelly, S. ( not funded)

# Service

## Contributions to the Advancement of the Academic Profession

2019- present Pediatric Nursing Certification Board (PNCB) Acute care exam reviewer

2015-2017 Pediatric Nursing Certification Board (PNCB) Acute care PNP PREP Work Group item writer for pediatric acute care nurse practitioner certification exam.

2014-2016 Emergency Nurses Association (ENA) Peer Review Education Committee-

* 1. Served as Nurse Peer Review Chair of the ENA Continuing Nursing Education Approver Unit.
  2. Participated as pilot study participant for ENA Provider Unit Learning Management System.
  3. Served as content reviewer for ENA’s accredited Provider Unit continuing nursing education products.

2014-2015 Abstract reviewer (20 abstracts)- Doctor of Nursing Practice Annual Conference

2008- present National Association of Pediatric Nurse Practitioners ( NAPNAP) Clinical Expert

Pediatric Emergency Care

2009-2011 Nursing Research Governing Council, NY Presbyterian Hospital

2007-2015 Pediatric Nursing Certification Board (PNCB) Acute Care Item Writer for National Certification exams

## Service to Montclair State University

2018- present School: Chair of Curriculum Committee

2018- present School: Faculty Affairs Committee Member

2019- present University: Serve as a committee member on the Undergraduate Curriculum Committee

2021- present School: Serve as member of School of Nursing Personnel Advisory Committee

2021- present School: Serve as member of Research Committee

## Service to Other Public Bodies

2018- present Serve as a volunteer “pond watcher” for the Salt Ponds Coalition in conjunction with U.R.I. Sea Grant program. Duties include water quality monitoring in local salt pond. This is the oldest continuously operating volunteer marine water-quality monitoring program in the nation.

2013-2015 A 12-week pilot program at the Greater Newark Charter School 5th grade class was established after a needs assessment depicted lack of physical and nutritional education. For 6 weeks, a biweekly video game exercise program was executed followed by a 6-week bi- weekly nutrition education component partnered by EFNEP which also included a Whole Foods Market field trip. Baseline and post intervention data will be evaluated to determine statistical or clinically relevant outcomes. The program was met with wide success from school faculty and students. Replication of the program to upper division grades in fall 2013 is anticipated utilizing similar

interprofessional collaboration via Rutgers Coop Extension Program.

2013-2014 Served as a pediatric nurse liaison to review nursing policies regarding pediatric patients at St. Michael's Medical Center in Newark, NJ. The state of NJ requires an expert to review policies regarding pediatric patients when there is not a pediatric department in the institution.

2010 Volunteered emergency health care services for 2 weeks in Port Au Prince and Petit Goave, Haiti from February 19, 2010- March 8, 2010, via International Medical

Corps. Treated post -earthquake victims.

# Students Supervised

## Master's or Doctoral Students by Type of Supervision

2015 Served as committee member of doctoral students, Jessica Green, Ashley Thomas and Andrea McCarty capstone project, titled: Faithful families.

2014 Served as chair for doctoral student Kathy Mueller (DNP) capstone project, titled: *Evaluation of a Lactation Support Program.*

2013 Served as committee member of doctoral student, Tracy Cognetta (DNP) capstone project, titled : *Oral rehydration in the pediatric population: Policy development and implementation*

# Extension Practice

## Participation in the Design and/or Execution of Applied or Evaluative Research

2018- present Collaborate with School of Music to develop a *digital musical pain profile.* This app wouldaddress perception of one’s pain experience for pediatric patients (11-17 yrs) who experience chronic pain. The app would help a patient compose a piece of music in a way that addresses their pain experience, while also having the ability for them to adjust a VAS scale while creating their song.

2018- 2019 Collaborate with the School of Public Health, specifically performing a secondary data analysis on the 2014 Teen Relationship Survey conducted by Pew. The goal of the analysis is to determine a relationship between reported social media use and bullying.

2018-2019 Practice six hours a week at Montclair State University Health Center for establishment of faculty practice within the University.