

Hailey Connolly, MD
307 Webster Ave • Jersey City, NJ 07307
hailey.connolly@hmn.org • (631) 559-6871

EDUCATION

July 2019 – Doctor of Medicine
June 2022 Hackensack Meridian School of Medicine, Nutley, NJ

Aug 2015 – Bachelor of Science in Biochemistry and Molecular Biology
May 2019 University of Richmond, School of Arts & Science, Richmond, VA

POSTGRADUATE TRAINING

July 2022 – Pediatrics Residency
Present Joseph M. Sanzari Children's Hospital
Hackensack University Medical Center, Hackensack, NJ

LICENSURE/CERTIFICATIONS

June 2023 – Residency Permit- Pediatrics, New Jersey Office of the Attorney General
Present License #P23-00102
2015 – Present Basic Life Support (BLS) certification
2022 – Present Pediatric Advanced Life Support (PALS) certification
2022 – Present Neonatal Resuscitation Program (NRP) Advanced Provider
2022 – Present Collaborative Institutional Training Initiative (CITI) certification

PROFESSIONAL SOCIETY MEMBERSHIP

2023 – Present Trainee Member, Pediatric Nephrology Research Consortium
2022 – Present Section on Pediatric Trainees, American Academy of Pediatrics

RESEARCH EXPERIENCE

Feb 2023 – Sodium Balance in the Very Preterm Neonate
Present Principal Investigator: Nicole Spillane, MD; Co-Investigator: Sabrina Malik, MD
A study aimed at better characterizing the effects of sodium supplementation on fluid and electrolyte balance in preterm neonates born before 30 weeks gestation admitted to the Neonatal Intensive Care Unit.

Oct 2023 – Hypotension in Kidney Transplant: A Pediatric Research Consortium Study
Present Principal Investigator: Shireen Hashmat, MD; Co-Investigator: Olga Charnaya, MD
The aim of this study is to elucidate the prevalence of chronic hypotension, clarify the definition of hypotension, and assess the impact on access and outcome of transplant in pediatric patients with kidney disease.

- Aug 2023 – Probiotic Use in Pediatric Kidney Transplant Recipients: A Pediatric Research
Present Consortium Study
Principal Investigator: Sarah Kizilbash, MD; Co-Investigators: Sharon Bartosh, MD,
Namrata Jain, MD
A retrospective study aimed at investigating the indications for probiotic use in pediatric
transplant recipients as well as the safety of probiotics in this population.
- April 2017 – Research Assistant- University of Richmond, Department of Biology
- May 2019 Principal Investigator: Angie Hilliker, PhD
Studied the role of the ATPase Ded1 on the translation of repressed mRNA and the
effects of methylation on protein function through in vivo microscopic analysis of
cytoplasmic RNA granules.

PUBLICATIONS

Peer-Reviewed Journal Articles

Kizilbash SJ, **Connolly H**, Bartosh S, Zahr R, Al-Akash S, Chishti A, Mansuri A, Tawadrous H, Jain NG. Probiotic use in pediatric kidney transplant recipients: What are current practices, and are they evidence-based? A pediatric nephrology research consortium study. *Pediatr Transplant*. 2024 Aug;28(5):e14790. doi: 10.1111/ptr.14790. PMID: 38837638.

Bhavsar SM, Clouser KN, **Connolly H**, Gadhavi J, Kaur R, Lozy T, Naganathan S, Pierre M, Riollano Cruz M, Shah P, Siu A, Swenson C, Ballance C. Characteristics and Presentations of Hospitalized Children Due to 3 Predominate COVID-19 Variants Within a Health Care Network. *Clin Pediatr (Phila)*. 2024 Jan;63(1):66-72. doi: 10.1177/00099228231207314. Epub 2023 Oct 23. PMID: 37872729.

Abstracts

Bhavsar SM, Clouser KN, **Connolly H**, Gadhavi J, Kaur R, Lozy T, Naganathan S, Pierre M, Cruz MR, Shah P, Siu A, Swenson C, Ballance CM. 459. Characteristics and Presentations of Hospitalized Children due to three predominate COVID-19 variants within a healthcare network. *Open Forum Infect Dis*. 2023 Nov 27.

QUALITY IMPROVEMENT ACTIVITIES

- Dec 2023 – Improving Antibiotic Stewardship in the Treatment of Urinary Tract Infections in the
Present Pediatric Emergency Department
Joseph M. Sanzari Children's Hospital

INSTITUTIONAL ACTIVITIES

- Sept 2022 – Resident Representative, Infection/Antibiotic Control Committee
Present Hackensack University Medical Center, Hackensack, NJ
Assist in determining hospital policy relating to infection control including development
of nosocomial infection surveillance and control measures.

TEACHING EXPERIENCE

- June 2024 Community Teaching
Hackensack High School, Hackensack, NJ
Presented sessions on vaping awareness and healthy relationships to more than 100 high school students as part of their health education curriculum.
- July 2020 – Peer Teacher
Dec 2020 Hackensack Meridian School of Medicine, Nutley, NJ
Led structured review sessions for first year medical students focused on biochemical pathways, molecular processes, and anatomic principles.

Academic Lectures

- May 2023 Bivalent Prefusion F Vaccine in Pregnancy to Prevent RSV Illness in Infants
Pediatric Resident Journal Club, Hackensack University Medical Center
- March 2024 Receipt of high-frequency ventilation is associated with acute kidney injury in very preterm neonates
Neonatal Intensive Care Unit Journal Club, Hackensack University Medical Center
- April 2024 Risk factors for subsequent lupus nephritis in patients with juvenile-onset systemic lupus erythematosus
Pediatric Renal/Rheumatology Rounds, Hackensack University Medical Center

LEADERSHIP EXPERIENCE

- Nov 2019 – Pediatric Interest Group President
Dec 2021 Hackensack Meridian School of Medicine, Nutley, NJ
- Oct 2019 – American Academy of Pediatrics Medical Student Delegate
March 2022 Hackensack Meridian School of Medicine, Nutley, NJ

COMMUNITY SERVICE

- July 2019 – Human Dimension Voices Program
May 2022 Hackensack Meridian School of Medicine, Nutley, NJ
Acted as a care liaison for an individual in the community with complex healthcare needs. Facilitated the formation of pen-pal program with residents in an assisted living facility during the COVID-19 pandemic.
- Sept 2017 – Volunteer First Responder & Membership Officer
May 2019 University of Richmond Emergency Medical Services (EMS), Richmond, VA