

Jacqueline A. Yurkoski, MD

CLINICAL APPOINTMENTS

Pediatric clinical geneticist, Inpatient/ICU/NICU/CTICU
Division of Genetic and Genomic Medicine
Nationwide Children's Hospital, Columbus, OH

Assistant professor
Department of Pediatrics
The Ohio State University College of Medicine, Columbus, OH

EDUCATION & TRAINING

Resident physician 7/1/2020- 6/30/2024
Pediatrics-Medical Genetics combined residency program
Nationwide Children's Hospital, Columbus, OH

Doctor of Medicine 6/2016-4/2020
The Ohio State University College of Medicine, Columbus, OH

Bachelor of Science, Biology and Public Health 9/2011-5/2015
The Ohio State University, Columbus, OH

HONORS & AWARDS

Resident Teaching Award 6/2023
The Ohio State University College of Medicine Department of Pediatrics

Excellence in Teaching Award 3/2023
The Ohio State University College of Medicine Gold Humanism Honor Society

Sara Medwid Gorsline Memorial Outstanding Intern Award 6/2021
Nationwide Children's Hospital Pediatric Residency Program and The Ohio State University
Wexner Medical Center

Antoinette Eaton Award 4/2020
Nationwide Children's Hospital and The Ohio State University College of Medicine
Department of Pediatrics

Bennett Medical Student Research Scholarship 6/2017
The Ohio State University College of Medicine

Volunteer of the Year 2015
Franklin County Children's Services

Morrill Scholarship 2011- 2015
The Ohio State University

LICENSURES & CERTIFICATIONS

Medical Doctor 8/2024-8/2026
Credential ID 35.151745
State Medical Board of Ohio

Medical Doctor 8/2024-5/2026
Credential ID 0101283595
Virginia Department of Health Profession

NRP certified 3/21/2024- 3/31/2026
ACLS certified 6/20/2024-6/2026
BLS certified 6/20/2024-6/2026
PALS certified 6/20/2024-6/2026

PROFESSIONAL MEMBERSHIPS

American Academy of Pediatrics
American College of Medical Genetics

RESEARCH & QUALITY IMPROVEMENT*

Genetics in the ICU: talking about serious illness* 3/2024-6/2024
Nationwide Children's Hospital, Columbus, OH

Genetics in primary care 2023-2024
Nationwide Children's Hospital, Columbus, OH

Identifying disparities in diagnosis and care of infants with Down Syndrome 2021-2023
Nationwide Children's Hospital, Columbus, OH

Somali genome initiative 2021-2022
Nationwide Children's Hospital, Columbus, OH

Postoperative hypothermia in NICU patients* 2019-2020
Nationwide Children's Hospital, Columbus, OH

The Somali women's health project
The Ohio State University College of Medicine, Columbus, OH

6/2017-10/2017

Research assistant
The Flanigan Lab, The Center for Gene Therapy
Nationwide Children's Hospital, Columbus, OH

2013-2016

PUBLICATIONS & PRESENTATIONS

Yurkoski J. Common inborn errors of metabolism: overview and management for pediatric providers. Nationwide Children's Hospital Regional Hospitalist Program Lecture Series. Columbus, OH, April 9, 2024. Lecture.

Yurkoski J, Koboldt D, Mezoff E, Burns W, Chaudhari B. "Severe Secretory Diarrhea Investigated by Genome Sequencing and RNA-seq Yields Ultrarare Diagnosis of Trichohepatoenteric Syndrome (THES)." Poster Presentation. 2024 ACMG Annual Meeting. Toronto, Ontario, March 15, 2024.

Yurkoski J. Treatable Seizures: Cases and Challenges, Molybdenum Cofactor Deficiency Type A (MoCD-A) in siblings. SIMD Education Committee Live Webinar Series. Columbus, OH, January 9, 2024. Lecture.

Yurkoski J. Defining and managing nutritional status in children with Trisomy 18. Nationwide Children's Pediatric House Staff. Columbus, OH, September 22, 2023. Lecture.

Yurkoski J, Roper D. Youth Mentorship in Franklin County and Health Outcomes. Global Health and Advocacy Symposium, Columbus, OH, April 14, 2021. Lecture.

Yurkoski J. Fostering Connections: Sexual Wellness. Ohio State University College of Medicine Community Health Symposium, Columbus, OH, January 2018. Poster Presentation.

Yurkoski J, Londeree-Saleska J, MPHJ Norris-Turner A, Mohamud S, Hassan N, Norris A. The Somali Women's Health Project. Medical Student Research Scholarship Annual Research Symposium, Columbus, OH, October 2017. Poster Presentation.

Yurkoski JA, Suleyman NA, Wein N, Flanigan KM. Is there another Internal Ribosome Entry Site in the dystrophin gene? Nationwide Children's Hospital Summer Scientist Poster Symposium, Columbus, OH, August 2015. Poster Presentation.

Vulin A, Wein N, Simmons TR, Rutherford AM, Findlay AR, Yurkoski JA, Kaminoh Y, Flanigan KM. The first exon duplication mouse model of Duchenne muscular dystrophy: A tool for therapeutic development. *Neuromuscular Disorders*. 2015, Nov; 25(11): 827–834. Cited in PubMed; PMID: 26365037. Pub Status: Published.

ADVOCACY & LEADERSHIP

Vice-chair, Community Engagement Committee
Near East Area Commission (NEAC)

2/2025- present

City of Columbus Department of Neighborhoods, Columbus, OH	
Commissioner, NEAC District III Near East Area Commission (NEAC) City of Columbus Department of Neighborhoods, Columbus, OH	10/2024- present
Volunteer mentor Friendship mentorship program Franklin County Children Services (FCCS), Columbus, OH	2011- present
Advanced competency in pediatric advocacy Nationwide Children’s Hospital Residency Program Nationwide Children’s Hospital, Columbus, OH	2020-2023
OSUCOM SNMA resident liaison Resident Diversity and Inclusion Coalition (RDIC) Nationwide Children’s Hospital, Columbus, OH	2020-2022
Resident representative House staff Advisory Committee (HSAC) Nationwide Children’s Hospital, Columbus, OH	2020-2021
Board member Volunteer Services Advisory Committee (VSAC) Franklin County Children Services, Columbus, OH	2014-2016
Treasurer Women in Medicine (WiM) The Ohio State University College of Medicine, Columbus, OH	2017-2018
OSU MAPS liaison Student National Medical Association (SNMA) The Ohio State University College of Medicine (OSUCOM), Columbus, OH	2017-2018
Patient tutor and sibling clubhouse volunteer Family and Volunteer Services Nationwide Children’s Hospital, Columbus, OH	2013-2016
Founder and treasurer Minority Association of Premedical Students (MAPS) The Ohio State University (OSU), Columbus, OH	2013-2015

Assisted doctoral and post-doctoral scientists in the Flanigan lab. This work consisted of AAV-based approaches to gene therapy, including viral-vector based exon skipping and gene replacement with primary goals of identifying genotype/phenotype correlations in the Duchenne and Becker muscular dystrophies, understanding molecular mechanisms that lead to symptom improvement, and identification of new therapeutic pathways. Daily responsibilities consisted of performing research experiments and non-survival animal surgeries in accordance with approved protocols, maintaining lab space and equipment, assisting with maintenance of mouse colonies, maintaining records, preparing reports, assisting in the analysis of data, and contributing to publication of findings.

Completed postgraduate medical training in both pediatric medicine and medical genetics and genomics.

Employed by Nationwide Children's Hospital within the Division of Genetic and Genomic Medicine and the Department of Pediatrics at The Ohio State University College of Medicine as a pediatric clinical geneticist.

I work collaboratively with other geneticists, genetic counselors, and ICU specialists to provide genetic evaluation, diagnosis, and care to hospitalized patients, with an emphasis on ultra-rapid diagnosis of critically ill infants and children.