PERMANENTE MEDICINE
Mid-Atlantic Permanente Medical Group

Mid-Atlantic Permanente Research Institute

2023 – 2024 Physician Research Scholars



Alexis McCary, MD, PhD

Mentor: Cabell Jonas, PhD

Dr. McCary is a Gastroenterologist previously with MAPMG at the Largo Medical Center.

She attended New York University School of Medicine and completed her residency at New York-Presbyterian Hospital/Weill Cornell Medical Center. She then received her PhD in Molecular Medicine from University of Maryland Baltimore County and completed a Gastroenterology fellowship during her studies.

Her research focused on questions related to liver disease, specifically patients with Chronic Hepatitis C with and without Metabolic dysfunction Associated Fatty Liver Disease.

Publications:

McCary A, Sheu Y-S, Chesbrough K, Jonas M. **Improved Liver Fibrosis Regress After Direct-Acting Antiviral Therapy in Hepatitis C Patients: A Comparison Study of Patients With and Without Metabolic Dysfunction-Associated Steatotic Liver Disease**. *Clinical Therapeutics*. 2025 Apr 25:S0149-2918(25)00087-6. doi: 10.1016/j.clinthera.2025.03.011

Abstracts:

McCary A. (Platform Presentation). *Metabolic Dysfunction-Associated Steatotic Liver Disease Diagnosis and Management for the Primary Care Physician. Practice Strategies for Screening, Risk Stratification, and Treatment*. **KP LIFTS Conference**, Las Vegas, NV, April 2025-25, 2025.

McCary A, Sheu Y-S, Chesbrough K, Jonas M. (Poster Presentation). *Improved Liver Fibrosis Outcomes in Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD) Patients with Hepatitis C Treatment*. **American Association of the Study of Liver Diseases – The Liver Meeting**, San Diego, CA, November 15-19, 2024.



Jeralyn B. Jacobs, MD, MPH

Mentor: Nancy S. Weinfield, PhD

Dr. Jacobs is a Pediatrician in Annapolis.

She attended Brown University Alpert School of Medicine and completed her residency at Yale New Haven Hospital. While pursuing her master's in public health at the Johns Hopkins Bloomberg Schol of Hygiene and Public Health, she participated in a Health Services Research fellowship.

Dr. Jacobs' research focused on the examination of the development of Type 1 diabetes in children during the COVID-19 pandemic period.

Publications:

Jacobs JB, Kim S, Sheu Y-S, Chesbrough K, Bishop RC, Weinfield NS. **Trends in the Incidence of Pediatric Type 1 Diabetes, Type 2 Diabetes, and Prediabetes Before and During the COVID-19 Pandemic**. *Public Health Reports*. 2026;0(0). doi: 10.1177/00333549251403376

Jacobs JB, Hu H, Kim S, Sheu Y-S, Bishop RC, Chesbrough K, Weinfield NS. **Risk Factors for Development of Type 2 and Prediabetes in Children During the COVID-19 Pandemic**. *Pediatric Obesity*. 2026 21:e70070. doi: 10.1111/ijpo.70070

Abstracts:

Jacobs JB, Hu H, Kim S, Sheu Y-S, Bishop RC, Chesbrough K, Weinfield NS. (Platform Presentation). *Risk Factors for Development of Type 1 and Prediabetes in Children and Teenagers During the COVID-19 Pandemic*. **American Public Health Association, Meeting and Expo,** Minneapolis, MN, October 27-30, 2024.

Jacobs JB, Kim S, Sheu Y-S, Chesbrough K, Bishop RC, Weinfield NS. (Platform Presentation). *Trends and Incidence of Type 1, Type Diabetes, and Prediabetes in Children and Teens through the COVID-19 Pandemic: An Interrupted Time Series Analysis*. **Pediatric Academic Societies, Annual Meeting**, Toronto, Canada, May 2-6, 2024.



Natalia Berry, MD, MBA

Mentor: Suma Vupputuri, PhD, MPH, FAHA

Dr. Berry is a cardiologist previously with MAPMG at the Tysons Corner Medical Center.

She attended Dartmouth Medical School, completed her residency at Massachusetts General Hospital, and finished multiple research and cardiology fellowships at the Sarnoff Cardiovascular Research Foundation and Brigham and Women's Hospital.

Dr. Berry's research projects focused on Guideline-Directed Medical Therapy (GDMT) to determine the rates and identify patients with heart failure with reduced ejection fraction (HfREF).

Publications:

Berry NC, Sheu Y-S, Chesbrough K, Bishop RC, Vupputuri. **Comparison of Guideline-Directed Medical Therapy in Black Versus White Patients with Heart Failure with Reduced Ejection Fraction in a Large, Integrated Health Care System**. *Clinical Cardiology*. 2026 August 30. https://doi.org/10.1002/clc.70452

Berry N, Sheu Y-S, Chesbrough K, Bishop RC, Vupputuri S. **Rates and Predictors of Guideline-Directed Medical Therapy Among Patients with Heart Failure with Reduced Ejection Fraction in a Diverse, Integrated Healthcare System**. *ESC Heart Failure*. 2025 Jan 19. doi: 10.1002/ehf2.15193

Abstracts:

Berry N, Sheu Y-S, Chesbrough K, Bishop RC, Vupputuri S. (Poster Presentation). *Rates of Guideline-Directed Medical Therapy Among Patients with Heart Failure with Reduced Ejection Fraction in a Large, Integrated Healthcare System*. **Heart Failure Society of America, Annual Scientific Meeting**, Atlanta, GA, September 27-30, 2024.