"Correlation of Early Brain Imaging with Early Childhood Behavior and Development in Substance-Exposed Newborns"



Jennifer Check, MD, MS Pediatrics *Wake Forest* Principal Investigator



Michelle Chiu, MD Pediatrics *Atrium Health* 



Douglas Dodds, MD Pediatrics *Atrium Health* 



John Grimm, MD Radiology *Atrium Health* 



Jeffery Shenberger, MD Pediatrics *Wake Forest* 



Christopher Whitlow, MD, PhD Radiology *Wake Forest* 





# "Role of Metformin on Physical Function, Leaky Gut and Inflammation in Patients with HFpEF"



Dalane Kitzman, MD Internal Medicine - Cardiology *Wake Forest* Principal Investigator







Hariom Yadav, PhD Internal Medicine – Molecular Medicine *Wake Forest* 





### "Role of Fatty Acid Binding Protein-4 (FABP4) in Fatty Liver Disease"



lain McKillop, PhD Surgery Atrium Health Principal Investigator



Tony Reeves, PhD Internal Medicine *Wake Forest* 





### "Implementation of a Community Walking Program for Mobility-Limited Older Adults"



Barbara Nicklas, PhD Internal Medicine-Gerontology *Wake Forest* Principal Investigator



Mark Hirsch, PhD Physical Medicine and Rehabilitation *Atrium Health* 



Justin Moore, PhD Family and Community Medicine *Wake Forest* 



Mark Newman, PhD Physical Medicine and Rehabilitation *Atrium Health* 





# "Automated Generation of Controls to Advance Translational Research Using Electronic Medical Records"



Joseph Rigdon, PhD Biostatistics & Data Science *Wake Forest* Principal Investigator



Stephen Downs, MD, MS Pediatrics *Wake Forest* 



Marc Kowalkowski, PhD Center for Outcomes Research and Evaluation *Atrium Health* 





#### "Cranial Ultrasound for Prehospital ICH Diagnosis (CUPID study)"



Aarti Sarwal, MD Neurology *Wake Forest* Principal Investigator



Patrick Brown, MD Radiology and Neurological Surgery *Wake Forest* 



Pam Duncan, PhD Neurology *Wake Forest* 



Robert Darrell Nelson, MD Emergency Medicine *Wake Forest* Co-Pl



Cheryl Bushnell, MD Neurology *Wake Forest* 



Casey Glass, MD Emergency Medicine *Wake Forest* 



Andrew W. Asimos, MD Emergency Medicine *Atrium Health* 



Ralph D'Agostino, PhD Biostatistics and Data Science *Wake Forest* 



James Winslow, MD, MPH Emergency Medicine *Wake Forest* 





# "Study of the Epidemiology of Pediatric Hypertension (SUPERHERO) Registry"



Andrew South MD, MS Pediatrics *Wake Forest* Principal Investigator



Elizabeth Jensen, PhD Epidemiology and Prevention *Wake Forest* 



Lucy McGowan, PhD, MS Statistics *Wake Forest* 



Susan M. Odum, PhD Musculoskeletal Institute Statistics and Methods *Atrium Health* 



Deepak Palakshappa, MD Internal Medicine Pediatrics *Wake Forest* 



Donald J. Weaver, Jr., MD Pediatrics-Nephrology *Atrium Health* 





# "Deep Learning to Predict Tumor Response to Chemotherapy in Colorectal Cancer Liver Metastasis"



Dionisios Vrochides, MD Department of Surgery *Atrium Health* Principal Investigator



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Jordan Robinson, MD, MPH General Surgery Research *Atrium Health* 



Kyle Thompson, PhD Carolinas Center for Surgical Outcomes Science *Atrium Health* 



