



Capstone Projects

Class of 2021

Atopic Dermatitis (Eczema) Remission

Alexandria Blake

Mentor: Sheena D. Brown, PhD, MSCR

Asthma Severity & Microbiome of the Upper Airway

Erica Courson

Mentor: Sheena D. Brown, PhD, MSCR

Hyperglycemia Management, Chronic Kidney Disease & Renal Impairment

Brianna Cummings

Mentor: Donny Ard, PhD, MHA, PA-C

Ascorbic Acid & Male Infertility

Nnena Ezeabasili

Mentor: Sheena D. Brown, PhD, MSCR

Uterine Fibroids in African American Females

Lorna Gitari-Mugambi

Mentor: Stephanie Y. Banks, MPH

Effect of Ketogenic Diet and Mediterranean Diet on PCOS Management

Candace Lymus

Mentor: Sheena D. Brown, PhD, MSCR

Ultrasonography & PCOS Detection

Deandra Mahon

Mentor: Stephanie Y. Banks, MPH

Preeclampsia Risk

Tara Martin

Mentor: Stephanie Y. Banks, MPH

Hypertensive Therapy Adherence in African Americans

Kabriel Moorehead

Mentor: Donny Ard, PhD, MHA, PA-C

Diabetes Mellitus Management & the Vegan Diet

Amarachi Odu

Mentor: Carl Frizell, DMSc, MSPAS, PA-C

Hormonal Therapy & Acne

Victoria Oluoba

Mentor: Sheena D. Brown, PhD, MSCR

AA Males with Hypertension & Organic Food

Amanze Onwuka

Mentor: Donny Ard, PhD, MHA, PA-C

Urinary Incontinence & Childbirth Methods

Quaadir Otto-Smallwood

Mentor: Stephanie Y. Banks, MPH

HIV+ Latino Men & Viral Load

Teodoro (Alberto) Pineda

Mentor: Sheena D. Brown, PhD, MSCR

Predicting Maternal Post-Delivery Complications

Nicolle Ramsay-De Jesus

Mentor: Stephanie Y. Banks, MPH

17 OHP & Prevention of Preterm Labor

Krystle Richmond

Mentor: Sheena D. Brown, PhD, MSCR

Ventilation Techniques in the Management of Acute Respiratory Distress Syndrome

Courtney Smart

Mentor: Pangel H. Dawson, PhD, MSPAS, PA-C

Effect of Depression & Anxiety on Health Outcomes

Edmund Smith

Mentor: Stephanie Y. Banks, MPH

Long-Term Exposure to Private Well Water and Cancer Risk

ReKetra Snipes

Mentor: Carl Frizell, DMSc, MSPAS, PA-C

Class of 2022

Independent Project: Community-Based Intervention for Increasing Mental Health Services Utilization Among First-Generation Immigrant/Refugee Adults with PTSD or Depression.

Vuong Nolting

Mentor: Stephanie Y. Banks, MPH

Mental Health/Service A: The Battle Within: Addressing the Problems, Challenges, and Providing Solutions to Mental Health Amongst Veterans

Tiffany Ehimen, Cameron Martin, Douglas Hernandez, Tia Flowers
Mentor: Stephanie Y. Banks, MPH

Pediatrics/Justice A: Assessing the Effects of Social Media as a Tool for Teaching and Implementing Healthy Lifestyles and Behaviors in Children Combating Obesity
James Brown, Maya Stokes, Rebeka Bryan, Annette Ginigeme, Islam Galgal
Mentor: Stephanie Y. Banks, MPH

Pediatrics/Justice B: Reducing the Prevalence of Childhood Obesity by Promoting Early Healthy Habits Through Motivational Interventions
Shubar Bahaduri, Deidra Bohannon, Erinn Fincher, Samantha Hippolyte, and Morgan Stokes
Mentor: Christopher Ervin, MD

Sexual Health/Honor B: Talking Dirty to Prevent STIs: Identifying Poor Communication and Condom Negotiating Strategies as a Risk Factor for STI Transmission in the African American Community
LaDawnna Linnear, Noble Ogbu, Thelisha Glover, Michaela Bennett, Rhe'a Green
Mentor: Christopher Ervin, MD

Women's Health/Honor A: What is the Impact of Doula Utilization on Preeclampsia in Black American Women of Low SES During the Perinatal Care Period Compared to those Utilizing an OBGYN Preeclampsia Intervention Alone?
Fatima Oyaifo, Isabelle Loureiro, Kimia Nezafat, Teyaijah Givens, Calbeth Alaribe
Mentor: Carey Roth Bayer, EdD, MEd, BSN, RN, CSE

Women's Health/Service B: Infertility in Women with Polycystic Ovary Syndrome: Exploring the Impact of Pharmacological & Nonpharmacological Therapies
Jasmine Watson, Fantasia Remonvil, Cydni Martin, Cydnee Ellison
Mentor: Carey Roth Bayer, EdD, MEd, BSN, RN, CSE

Class of 2023

Independent Project: Professionalism
Rachel Magistre Thomas
Mentor: Sharon A. Rachel, MA, MPH

Family Medicine: Incorporating Cognitive Behavioral Therapy as a Weight Management Strategy for African American Adults Ages 50-75 at Risk for Myocardial Infarction
Parion Alexander, Amiah McCray, Masia Ravare, Destinye Sims, Meagan Titus, Ashley Williams
Mentor: Stephanie Y. Banks, MPH

Internal Medicine: The Effects of Individualized Care-Management Plans on Cardiovascular Disease Outcomes in Populations of Low Socioeconomic Status: A Systematic Review
Janae' Bryant, Khayrassa Cantrell, Priscylla Carvahlo, Alexis Gamble & Ashley Johnson
Mentor: Christopher Ervin, MD

Men's Health: Exploring Barriers to PrEP Access in African American MSM
Akeem Borom, Jada Hyland, Emily Liang, Daniya Pate, Courtney Philpot, Nnamdi Ofodile, Clayton Williams, and Sara Worku
Mentor: Carey Roth Bayer, EdD, MEd, BSN, RN, CSE

Pediatrics: It Starts in Childhood: Eradicating Comorbid Disease Development Through Early Nutrition Education Intervention
Jennifer Farman, Vanessa Castro, Arlisia Ables, Jessica Lyster, Timoya McKay, Raynesha Franklin, Shavanna Tappin
Mentor: Sharon A. Rachel, MA, MPH

Women's Health: Avoiding Incidence of Maternal Mortality by Normalizing Cultural Competency
Leah Arms, Oline Augustin, Jessica Joyner, Christine Miller, Cassandra Riley, Kayla Sams, Shameka White
Mentor: Sharon A. Rachel, MA, MPH

Class of 2024

Independent Project: Evaluation of Early Screening for Burnout Syndrome Leads to the Reduced Incidence of Negative Health Outcomes in Patients and Advanced Practice Providers: A Systematic Literature Review
McKenzie Clark
Mentor: Sharon A. Rachel, MA, MPH, MS

Independent Project: Faculty And Learner Perspectives of Professionalism and Leadership Styles at Morehouse School of Medicine: A Case Study
Devyn Davis
Mentor: Sharon A. Rachel, MA, MPH, MS

Family Medicine/Service A: PrEP and Prejudice: Identifying Social Barriers to HIV Prevention within Black MSM Communities
MaeLee Averett, Brian Davis, Seth Fallen, Andrea Khairunisa, Adam Khanu
Mentor: Christopher Ervin, MD

Family Medicine/Service B: Enhancing Diabetes Control: Group Interventions for Elderly African Americans in the Southern US
Nadia Wright, Jacqueline Tizol-Urena, Mushairat Mamun
Mentor: Sharon A. Rachel, MA, MPH, MS

Pediatric & Adolescent Health/Justice A: What Parent Education Strategy is Most Effective in Reducing Emergency Department Visits in Children Under 18 Years of Age with Asthma?
Shautoria Coleman, India Evans, Kainat Lungani, Detavius Veal, Madeleine Vinet
Mentor: Sharon A. Rachel, MA, MPH, MS

Pediatric & Adolescent Health/Justice B: What Strategies are Most Effective in Improving Access to Primary Care Among Low-Income, Minority Children to Reduce Asthma-Related Emergency Department Visits?

Lauren Accor, Brianna Hill, Ceymone Pride, Daisha Strobridge, Bria Forbes

Mentor: Christopher Ervin, MD

Rural Health/Leadership A: What are the Most Common Barriers to Accessing Prenatal Care that Increase the Risk of Low Birthweight Infants from Women of Childbearing Age in Rural Areas?

Hillary Birago, Tiffanie Evans, Elman Gonzalez-Hernandez, Alina Guzman Camacho, Kia Kenebrew, Jaiel Lockett

Mentor: Christopher Ervin, MD

Rural Health/Leadership B: Between Physical Activity, Diet, Psychological Stressors, and Substance Use, Which Lifestyle Modification is Most Effective in Modulating Coronary Artery Calcium Score as it Pertains to the Risk of and Morbidity and Mortality of Coronary Artery Disease?

Annika Anderson, Katie Bandstra, Eric Jamison, Emma Kemink, Raven West

Mentor: Sharon A. Rachel, MA, MPH, MS

Women's Health/Honor A: What are the Most Effective HIV Screening Modalities During Well-Woman Exams that can Increase Early Detection Rates in African American Women?

Yonis Ahmed, Patchika Aubourg, Courtney Hardy, Danielle Iyoha, Aaliyah Numa

Mentor: Christopher Ervin, MD

Women's Health/Honor B: What is the Relationship Between Health Literacy and Cervical Cancer Risk Among Black Women?

Sandra Barsoum, Juanita Giraldo Hoyos, Alexandria Lawson, Teniola Oke

Mentor: Sharon A. Rachel, MA, MPH, MS

Class of 2025

Independent Project: Bridging the Gap: Understanding Mental Health Challenges and Recidivism Rates in African American Justice-Involved Youth

Adia Dobbs

Mentor: Sharon Rachel, MA, MPH, MS

Family Medicine/Service A: Exploring the Association Between Hemoglobin A1C Levels and Health Literacy in African Americans Aged 50 and Older in the United States: A Literature Review

Lyjiria Lacy, Helen Shoushtari, Taylor Toney, Marcel Perez

Mentor: Stephanie Y. Banks, MPH

Family Medicine/Service B: Heart of the Matter: Patient-Centered Strategies to Halt Coronary Artery Disease and Obesity in Adults Aged 20-39

Hayli Greenen, Brandon Harper, Brittany Amadi, Jasmin Clark

Mentor: Stephanie Y. Banks, MPH

Pediatric & Adolescent Health/Justice A: Comparing the Impact of Community-Based Nutritional Education vs. Physical Activity Programs on Preventing Childhood and Adolescent Obesity

Somer Blake, Olufunmilayo Daudu, Devon Herrmann, Kamryn Nicholes

Mentor: Donny Ard, PhD, MHA, PA-C

Pediatric & Adolescent Health/Justice B: The Effect of Physical Activity on Major Depressive Disorder in Adolescents in the United States

Alexis Blount, Ashley Hagan, Brittany Hall, Dongsin Kang, Jasmin Jalali-Yazdi

Mentor: Donny Ard, PhD, MHA, PA-C

Rural Health/Leadership A: Exploring the Relationship Between Harm Reduction Practices and the Prevalence of Hepatitis C Among Individuals in Rural Communities

Raven Crowder, Helena Quist, Brianna Nesbeth, Chadrick Richardson

Mentor: Christopher Ervin, MD

Rural Health/Leadership B: The Impact of Vaping Educational Programs on Underage Vaping in Rural Communities: A Systematic Review

Joesph de Give, Arleda Lawson, Krishna Louis, Kaitlyn Sennott

Mentor: Christopher Ervin, MD

Women's Health/Honor A: Understanding the Effects of Housing Instability on Adverse Birth Outcomes: A Systematic Literature Review

Deja Booker, Emmanuel Burns, Quincy Goodwin, Kayla Oriyomi, and Patience Sellers

Mentor: Sharon Rachel, MA, MPH, MS

Women's Health/Honor Group B: Exploring the Relationship Between Menstrual Hygiene Practices and the Incidence of Urogenital Infections Among Women: A Review of Literature

Stephanie Beauvais, Arnesha Clarke, Lorane Jean-Baptiste, Patricia Kirabo, Dale Williams

Mentor: Sharon Rachel, MA, MPH, MS

Class of 2026

Pediatric & Adolescent Health/Justice A: Do Family-Centered Asthma Education Interventions Improve the Self-Efficacy of Families with Asthmatic Children Aged 6-12 in Low-Income Urban Communities in the Southeast Region of the United States?

Ke'Von Hamilton, Danielle Moore, Koeba Plummer, Dominic Williams

Mentor: Sabrina Jackson Botts, DMin, MMSc, PA-C

Pediatric & Adolescent Health/Justice B: The Impact of Early Family, School, and Community-Based Interventions for Childhood Obesity: A Systematic Review

Edgar Alcantar, Rifah Haque, Lauren Parks, DaSean DeShazer

Mentor: Sabrina Jackson Botts, DMin, MMSc, PA-C

Rural Health—Integrated Care (Rural MAPS)/Service A: Community-Based Lifestyle and Self-Management Interventions for Hypertension Control Among Low-Income African Americans: A Systematic Review

Madeline Anastasi, Kyana Bradley, Aksh Chhabra, Carrin Matson

Mentor: Stephanie Y. Banks, MPH

Rural Health—Integrated Care (Rural MAPS)/Service B: Closing the Pressure Gap: Reducing Hypertension Disparities Through Cultural Competence: A Systematic Review

Shanila Huerta, Prisca Oguike, Shah Rahman, Silsila Rahman

Mentor: Sabrina Jackson Botts, DMin, MMSc, PA-C

Rural Health—Primary Care/Leadership A: How Effective Are Community-Based Interventions in Lowering the Risk of Lung Cancer in African American Men Between the Ages of 50-70 Years Old in Rural Georgia?

Adicia Maddox, Rehgan Miller, Amara Shobe

Mentor: Christopher Ervin, MD

Rural Health—Primary Care/Leadership B: Preventing Lower Extremity Amputations in Patients with Diabetes and Peripheral Artery Disease: Evidence-Based Interventions for Rural Populations

Josephina Chapman, Chrishanity Jones, Chiamaka Nwokeocha, Nate Smith, III

Mentor: Christopher Ervin, MD

Women's Health/Honor A: Ischemic Stroke Risk in Women Using Combined Versus Progestin-Only Contraceptives

Shakquanda Cepeda, Idararosa Ekong, Ruthlynn Pierre, Ainsley Seals

Mentor: Sharon A. Rachel, MPH, MS, MA

Women's Health/Honor B: Knowledge Is Prevention: How Health Literacy Influences HIV Rates Amongst Black Women

Armoni Moore, Brianna Parham, Immanuelle Pongo, Alexandria White

Mentor: Sharon A. Rachel, MPH, MS, MA

Class of 2027 (topics)

Pediatric & Adolescent Health/Justice A: ADHD, School-Based Interventions, and Academic Outcomes

Alex Abrams, Maya Miles, Aalayah Levy, Tosin Ogunyale, Leala Solomon

Mentor: Stephanie Y. Banks, MPH

Pediatric & Adolescent Health/Justice B: Family-Centered Asthma Education and Asthma Medication Adherence

Kelly Adike, Yasmin Farah, Brianna Fuertes, Gayana Innocent

Mentor: Stephanie Y. Banks, MPH

Rural Health—Integrated Care (Rural MAPS)/Service A: ADHD and Vulnerability to Opioid Use Disorder

Varsini Balamurugan, Mckaila Faison, Chelsea Lowe, Mohammed Azeez
Mentor: Pangela Dawson, PhD, PA-C

Rural Health—Integrated Care (Rural MAPS)/Service B: HIV and Mental Health in Rural Areas

Torrey Holloway, Ruth Imonina, Rylen McCrary
Mentor: Pangela Dawson, PhD, PA-C

Rural Health—Primary Care/Leadership A: Childhood Obesity Interventions in Rural Communities

Jillian Brown, Anasia Clayton, Mason Eliyoon, Aaliyah Miles, Hezekiah Robinson
Mentor: Christopher Ervin, MD

Rural Health—Primary Care/Leadership B: Rural Provider Burnout and Patient Health Outcomes

Nahid Beg, Lauren Johnson, Jaslin Martinez, Kiara Smith, Jay Warren
Mentor: Christopher Ervin, MD

Women's Health/Honor A: Telehealth & Preeclampsia Outcomes

Briana Boulton, Jordan Burnette, Makayla-Jade Fontanilla, Brianna Ramsay, Kennedy Wallace
Mentor: Sharon A. Rachel, MPH, MS, MA

Women's Health/Honor B: Nonpharmacologic Interventions for Endometriosis

Khloe Hughes, Hanleigh James, Cachet Johnson, Tiye Rahmah, Alise Stephens
Mentor: Sharon A. Rachel, MPH, MS, MA