

## ScM in Medical Sciences Capstone Projects 2024

1. **Adejimi Aromolaran.** Title: Examining the Relationship Between Housing Insecurity and Asthma in Community Health Centers in Providence, Rhode Island. Mentors: Jason Schreiber, MBA, FACHE | Providence Community Health Center and Karen Saal, MD | Brown University
2. **Kadambari Ayithi.** Title: Hypertension Health Literacy: Assessing the Effects of a Hypertension Remote Patient Monitoring Program. Mentors: Sarah Reinstein, MPH | East Bay Community Action Program and Gowri Anandarajah, MD | Brown University
3. **Nicola Barbesino.** Title: Assessing Provider Knowledge and Guidance Adherence in Statin Therapy: A Quality Improvement Study in a Federally Qualified Health Center. Mentors: Nicholas Lutzel | Comprehensive Community Action Program and Therese Zink, MD, MPH | Brown University
4. **Madison Bessonny.** Title: Improving Health Literacy and Medication Adherence at the Care NewEngland Family Care Center. Mentors: Caroline Richardson, MD, Andrew Dixon, MD | Care New England Family Care Center (CNE FCC) and Therese Zink, MD, MPH | Brown University
5. **Tauheed Bhatti.** Title: Does Implementing Nurse Care Managers Reduce Physician Burnout? Mentors: Thomas Bledsoe, MD | Brown Internal Medicine and Deborah Gutman, MD, MPH | Brown University
6. **Eloi Mugabe Bigirimana.** Title: Investigating The Relationship Between Social Support and Maternal Health. Mentors: Morgan Motia, MD | Blackstone Valley Community Health Center and Cristina Pacheco | Brown University
7. **Emmanuella Brewu-Sarpong.** Title: Prevalence of Postpartum Depression in Connection to Social Support. Mentors: Morgan Motia, MD | Blackstone Valley Community Health Center and Cristina Pacheco, MD | Brown University
8. **Herman Chenwi.** Title: Practitioner Perspective on Barriers and Facilitators to Statin Treatment. Mentors: Nicholas Lutzel | Comprehensive Community Action Program and Therese Zink, MD, MPH | Brown University
9. **Raymond Chiang.** Title: Assessing Effectiveness of Lead Safety Outreach at a Federally Qualified Health Center. Mentors: Morgan Motia, MD | Blackstone Valley Community Health Center and Cristina Pacheco, MD | Brown University
10. **Cole Christenson.** Title: Analysis of the Transitions of Care System at EBCAP: Patient Characteristics and Opportunities for Improvement. Mentors: Sarah Reinstein, MPH | East Bay Community Action Program and Gowri Anandarajah, MD | Brown University
11. **Connor Crockett.** Title: Patient Satisfaction Measure Evaluating Diabetes Prescription Changes. Mentors: Thomas Bledsoe, MD | Brown Internal Medicine and Deborah Gutman, MD, MPH | Brown University
12. **Kariamu Cross.** Title: Improving Improvement: Comparing Improvement Rates and Implementation Processes in Diabetic Eye Exams Using Teleophthalmology at a Rhode Island Clinic. Mentors: Nicholas Lutzel | Comprehensive Community Action Program and Therese Zink, MD, MPH | Brown University
13. **Daniel Del Valle.** Title: Assessing Effectiveness of HIV-Specific Care at Open Door Health. Mentors: Philip Chan, MD, MS, Peter Salhaney | Open Door Health and Gowri Anandarajah | Brown University
14. **Stanley Dunwell.** Title: I'm Paying How Much??? A Cross-Sectional Survey Focusing on Medication Cost for Patients Prescribed GLP-1 Agonists. Mentors: Thomas Bledsoe, MD | Brown Internal Medicine and Deborah Gutman, MD, MPH | Brown University
15. **Daniella Escobar.** Title: The Cumulative Relationship Between Social Determinants of Health and Medical Complexity. Mentors: Jason Schreiber, MBA, FACHE | Providence Community Health Center and Karen Saal, MD | Brown University
16. **Nicole Fontaine.** Title: Exploring Clinician Attitudes and Approaches to Street Medicine: A Community-Based Survey Mentors: Megan Smith, PhD, MSW | House of Hope and Andrew Saal, MD, MPH | Brown University
17. **Patrick Gallagher.** Title: Closing the Loop: a Review of Needs and Barriers to Subspecialty Care in a Community Health Clinic in 2023. Mentors: Nicholas Lutzel | Comprehensive Community Action Program and Therese Zink, MD, MPH | Brown University
18. **Dakota Green.** Title: Barriers to Shelter Entry for Patients with Substance Use Disorder. Mentors: Megan Smith, PhD, MSW | House of Hope and Andrew Saal, MD, MPH | Brown University
19. **Asher Gruver-Williams.** Title: Factors Influencing Fecal Immunochemical Testing Completion Rates at a Federally Qualified Community Health Center: A Statistical Analysis. Mentors: Morgan Motia, MD | Blackstone Valley Community Health Center and Cristina Pacheco, MD | Brown University
20. **Patricia Hong.** Title: Association Between Major Depression, Emergency Department Admissions, and Outpatient Visits Among Patients with Congestive Heart Failure. Mentors: Mentors: Indra Neil Sarkar, PhD | Rhode Island Quality Institute and Jonah Bradenday, BS | Brown Center for Biomedical Informatics and Andrew Saal, MD, MPH | Brown University
21. **Frances Woodard Hooper.** Title: The Effectiveness of a Patient Support Model for Enhanced Utilization and Reduction of Unnecessary Emergency Department Visits. Mentors: Edward McGookin, MD, Kelsey Ryan, PharmD, Caitlin Kennedy, PharmD, MHA, Melissa Feid, BSN, RN | Coastal Medical and Deborah Gutman, MD, MPH | Brown University

22. **Jiwon Hyung.** Title: Evaluating Participant Engagement and Satisfaction at PACE-RI Mentors: Maryellen Girard, BS | PACE Rhode Island and Karen Saal, MD Brown University
23. **Amr Kaadan.** Title: Investigating the Relationship Between Food Insecurity and Chronic Medical Conditions at an FQHC. Mentors: Jason Schreiber, MBA, FACHE | Providence Community Health Center and Karen Saal, MD | Brown University
24. **Meaghan Kennard.** Title: Marijuana Use in Rhode Island: Pitfalls in Clinical Coding and Documentation. Mentors: Indra Neil Sarkar, PhD | Rhode Island Quality Institute and Jonah Bradenday, BS | Brown Center for Biomedical Informatics and Andrew Saal, MD, MPH | Brown University
25. **James Kim.** Title: The Relationship Between Food Insecurity and Gaps of Care in Patients with Diabetes at an FQHC. Mentors: Sarah Reinstein, MPH | East Bay Community Action Program and Gowri Anandarajah, MD | Brown University
26. **Sarah Brigid Konefal.** Title: Improving the Effectiveness of Street Medicine Teams: Analysis of Legal Cases of Persons Experiencing Homelessness in Providence, Rhode Island. Mentors: Megan Smith, PhD, MSW | House of Hope, CDC and Andrew Saal, MD, MPH | Brown University
27. **Allison Kowalewski.** Title: The Importance of Patient-Centered Design in Improving Medication Label Comprehension, Medication Adherence, and Medication Safety. Mentors: Caroline Richardson, MD, Andrew Dixon, MD | Care New England Family Care Center (CNE FCC) and Therese Zink, MD, MPH | Brown University
28. **Jacob Lally.** Title: Street Medicine Encounters Increase Outpatient Care Visits for Unhoused Patients. Mentors: Megan Smith, PhD, MSW | House of Hope, CDC and Andrew Saal, MD, MPH | Brown University
29. **Samantha Lee.** Title: Sexual Orientation Data Revolution: Navigating LGBTQ+ Healthcare Disparities Beyond the Screen. Mentors: Nicholas Lutzel | Comprehensive Community Action Program and Therese Zink, MD, MPH | Brown University
30. **Kylie Leung.** Title: Impact of Preferred Language on Patient Education for Chronic Idiopathic Urticaria. Mentors: Mansi James, DO | Providence Community Health Centers and Karen Saal, MD | Brown University
31. **Peter McGuigan.** Title: Hepatitis B Prevention for Patients Living with HIV: Assessing Rates of Immunization and Screening at Open Door Health. Mentors: Philip Chan, MD, MS | Open Door Health and Gowri Anandarajah, MD | Brown University
32. **Saminah Munshi.** Title: Assessment of Patient Preferences Regarding Health Education at East Bay Community Action Program. Mentors: Sarah Reinstein, MPH | East Bay Community Action Program and Gowri Anandarajah, MD | Brown University
33. **Sithara Nambiar.** Title: Overcoming Barriers to Patient Portal Use: A Focus on eHealth Literacy. Mentors: Thomas Bledsoe, MD | Brown Internal Medicine and Deborah Gutman, MD, MPH | Brown University
34. **Adanne Ogbaa.** Title: Lost in Translation: Unveiling Healthcare Professionals' Perspectives on Interpretation Services in Community Health. Mentors: Chanita Hall, MBA | PCHC Central and Karen Saal, MD | Brown University
35. **Nandini Seetharaman.** Title: Evaluating Patient Engagement and Satisfaction at PACE RI. Mentors: Maryellen Girard, BS | PACE Rhode Island and Karen Saal, MD Brown University
36. **Khadija Shah.** Title: An Evaluation of Barriers to Care for Diabetic Patients and Potential Methods for Improvement Using Qualitative Interviews. Mentors: Nicholas Lutzel | Comprehensive Community Action Program and Therese Zink, MD, MPH | Brown University
37. **Kayla Stewart.** Title: Improving Initiatives in Street Medicine: Understanding the Intersection of Homelessness, Behavioral Health, and the Criminal Legal System. Mentors: Megan Smith, PhD, MSW | House of Hope, CDC and Andrew Saal, MD, MPH | Brown University
38. **Andrea Tager Balleasca.** Title: Barriers to Pediatric Lead Retesting: Implementation of an Active Recall System. Mentors: Morgan Motia, MD | Blackstone Valley Community Health Center and Cristina Pacheco, MD | Brown University
39. **Rubii Tamen.** Title: Breaking Language and Health Literacy Barriers: Enhancing FIT-Based Colon Cancer Screening Rates at Blackstone Valley Community Health Center. Mentors: Morgan Motia, MD | Blackstone Valley Community Health Center and Cristina Pacheco, MD | Brown University
40. **Ufuoma Thaddeus.** Title: What's the Cost of Satisfaction?: The Impact of Medication Cost on Patient Satisfaction and Treatment Adherence. Mentors: Thomas Bledsoe, MD | Brown Internal Medicine and Deborah Gutman, MD, MPH | Brown University
41. **Christine Tran.** Title: Evaluation of a Pediatric Integrated Behavioral Health Remote Patient Monitoring Program at a Health-Systems Associated Practice. Mentors: Kelsey Ryan, PharmD, Melissa Feid, BSN, RN, Caitlin Kennedy, PharmD, MHA | Coastal Medical and Deborah Gutman, MD, MPH | Brown University
42. **Sean Wang.** Title: Is Polypharmacy in Geriatric Patients Related to the Number of Prescribing Physicians? A Systematic Chart Review. Mentors: Thomas Bledsoe, MD | Brown Internal Medicine and Deborah Gutman, MD, MPH | Brown University

General Project Mentors: Gowri Anandarajah, MD and Karen Saal, MD served as general project mentors for all students.