

## ScM in Medical Sciences Capstone Projects 2025

1. **Dion Ariestanto.** Title: From Documentation Time to Doctoring Time: DAX Nuance AI Documentation Efficiency. Mentors: Edward McGookin, MD, Kelsey Ryan, PharmD, Caitlin Kennedy, PharmD, MHA, Melissa Feid, BSN, RN, Paul Larson, MD | Brown Health Medical Group Primary Care and Gowri Anandarajah, MD | Brown University”
2. **Isabella Aufferorde.** Title: Patient Education in an Acute Care Setting: Patient Reported Understanding of Non-Stress Tests. Mentors: Eilean Attwood, MD and Heather Smith, MD, MPH | Women and Infants Hospital, Emergency Department and Jennifer Hosmer, MD, MPH | Brown University
3. **Rebecca Azir.** Title: Prevalence of Social Determinants of Health Needs in Patients with Uncontrolled Diabetes. Mentors: Jamie Brooks, MHR | Providence Community Health Center and Karen Saal, MD | Brown University
4. **Madison Babb.** Title: Integrating PHQ-9 Mental Health Screenings into Dental Care at CCAP: A Qualitative Assessment and Intervention Plan. Mentors: Elena Kwetkowski, DO, Nicholas Lutzel, Gina Eubank, Jason Villa | Comprehensive Community Action Program and Therese Zink, MD, MPH | Brown University
5. **Dienye Banigo.** Title: Prenatal Perceptions and Barriers to Contraceptive Plans. Mentors: Morgan Motia, MD, MPH | Blackstone Valley Community Health Center and Nicole Siegert, MD | Brown University
6. **Tessa Buscher.** Title: Words on the Street: Analyzing Language in Self Managed Discharges of People Experiencing Homelessness. Mentors: Megan Smith, PhD, MSW | House of Hope
7. **Alexander Campbell.** Title: Barriers to Pediatric Immunization at a Community Health Center. Mentors: Sarah Reinstein, MPH, Maria Faria | East Bay Community Action Program and Jennifer Hosmer, MD, MPH | Brown University
8. **Cameron Carr.** Title: Analysis of Reasons Why Patients Don’t Keep Appointments at CCAP. Mentors: Nicholas Lutzel | Comprehensive Community Action Program and Therese Zink, MD, MPH | Brown University
9. **Christopher Colwell.** Title: When Encampments Move, Healthcare Stops: Data-Driven Evidence for Policy Change. Mentors: Megan Smith, PhD, MSW | House of Hope
10. **Ivana Cooper.** Title: Postpartum Contraception Preferences in Pawtucket, RI: Quantifying Change and Understanding Motivations in a Mixed Methods Study. Mentors: Morgan Motia, MD, MPH | Blackstone Valley Community Health Center and Nicole Siegert, MD | Brown University
11. **Victoria De Andrade.** Title: Assessing Prenatal Patient Needs to Improve Access to Free Prenatal Education at Blackstone Valley Community Health Center. Mentors: Morgan Motia, MD, MPH, Carolyn Pearce, MD, MPH, | Blackstone Valley Community Health Center | Quatia Osorio, BS-HSM, CCHW, CLC, MCHS CPE, MCHW | Urban Perinatal Education Center and Nicole Siegert, MD | Brown University
12. **Grace Delmonte.** Title: Wait, What Did You Say? Assessing Patient Understanding Amidst Medical Jargon Use. Mentors: Thomas Bledsoe, MD, Mariah Stump, MD, MPH, J. Mark Ryan, MD | Brown Internal Medicine and Deborah Gutman, MD, MPH | Brown University
13. **Sophia Ferrer.** Title: Assessing Mammography Screening: The Impact of Social Determinants of Health. Mentors: Sarah Reinstein, MPH | East Bay Community Action Program and Jennifer Hosmer, MD, MPH | Brown University
14. **Mia Gershon.** Title: Patient Satisfaction with Integrated Behavioral Health Services in a Federally Qualified Community Health Center. Mentors: Sarah Reinstein, MPH | East Bay Community Action Program and Jennifer Hosmer, MD, MPH | Brown University
15. **Matthew Guido.** Title: Can AI-based Tools Improve Risk Scoring for Medicare Patients with Chronic Disease? Implications for the Care of Patients with Multiple Comorbidities. Mentors: Edward McGookin, MD, Kelsey Ryan, PharmD, Caitlin Kennedy, PharmD, MHA, Melissa Feid, BSN, RN, Jeffrey Cumplido, MD, MPH, Alex DiBenedetto, BS | Brown Health Medical Group Primary Care and Gowri Anandarajah, MD | Brown University
16. **Jeremy Heit.** Title: Diesel Particulate Matter Exposure and Asthma Exacerbation in the United States. Mentors: Neil Sarkar, PhD and Deborah Gutman, MD, MPH | Brown University
17. **Shayna Hollander.** Title: Seeing the Bigger Picture: Improving Adherence to Diabetic Retinopathy Screenings at CCAP. Mentors: Nicholas Lutzel | Comprehensive Community Action Program and Therese Zink, MD, MPH | Brown University
18. **Minpheus Huang.** Title: Using AI to Enhance Patient Understanding of Type II Diabetes in Underserved Populations at a Federally Qualified Health Center (FQHC). Mentors: Nicholas Lutzel | Comprehensive Community Action Program and Therese Zink, MD, MPH | Brown University
19. **Tara Isanaka.** Title: Bone Health and Nutrition: Understanding Dietary Habits and Knowledge at PACE-RI. Mentors: Melissa Simonian, M.Ed. | PACE Rhode Island and Megan Smith, PhD, MSW | Brown University
20. **Katherine Jiang.** Title: Beyond the Missed Appointment: Understanding Barriers in Long-Term Diabetes Care and Management. Mentors: Michael Leighton, RN | Providence Community Health Center and Karen Saal, MD | Brown University

21. **Caitlin Kacena.** Title: Dialing Down No-Shows: Identifying Barriers to Appointment Attendance Through Phone Outreach. Mentors: Andrew Dixon, MD | Care New England Family Care Center (CNE FCC) and Karen Saal, MD | Brown University
22. **Tyler Kemmer.** Title: Preliminary Analysis of Uncontrolled Diabetes in HIV Positive Versus HIV Negative Patients at Open Door Health. Mentors: Philip Chan, MD, MS, Peter Salhaney | Open Door Health and Gowri Anandarajah, MD | Brown University
23. **Elinton Lee.** Title: Initial Cardiovascular Risk Profile of Primary Care Patients at Open Door Health: A Retrospective Report. Mentors: Philip Chan, MD, MS | Open Door Health and Gowri Anandarajah, MD | Brown University
24. **Maya Levinson.** Title: Reducing Fracture Risk in Geriatric Patients: A Stoplight Guide to Medication Impact on Bone Health. Mentors: Melissa Simonian, M.Ed. | PACE Rhode Island and Megan Smith, PhD, MSW | Brown University
25. **Vivian Li.** Title: Impact of Environmental Justice Factors on Disease Control in Type 2 Diabetes. Mentors: Neil Sarkar, PhD and Deborah Gutman, MD, MPH | Brown University
26. **Isabella Marasco.** Title: Barriers to Colorectal Cancer Screening in a Federally Qualified Health Center: Examining the Role of Social Determinants of Health. Mentors: Sarah Reinstein, MPH | East Bay Community Action Program and Jennifer Hosmer, MD, MPH | Brown University
27. **Safia Mirza.** Title: From Knowledge to Practice: Integrating Insights from Group Medical Visits to Enhance Chronic Pain Management Training. Mentors: Andrew Dixon, MD | Care New England Family Care Center (CNE FCC) and Karen Saal, MD | Brown University
28. **Vanessa Naashika Noi.** Title: Educational Barriers to Pediatric Asthma Control at Blackstone Valley Community Health Center: A Needs Assessment. Mentors: Morgan Motia, MD, MPH | Blackstone Valley Community Health Center and Nicole Siegert, MD | Brown University
29. **Mariana Olave.** Title: Increasing Doula Knowledge and Referrals in Prenatal Patients through an Education Intervention at Blackstone Valley Community Health Care. Mentors: Morgan Motia, MD, MPH | Blackstone Valley Community Health Center and Nicole Siegert, MD | Brown University
30. **Chibuzor Onwochei.** Title: A Gap in Maternal Health: Are Postpartum Patients Reconnecting to Primary Care? Mentors: Jennifer Raney, MD, Kristen Hylan, MSN, APRN, FNP-BC, IBCLC | Providence Community Health Center and Karen Saal, MD | Brown University
31. **Moshiur Rahman.** Title: Needs Assessment to Address the SDOH of the Unhoused Population in Rhode Island. Mentor: Megan Smith, PhD, MSW | House of Hope, CDC
32. **Jacob Slavkin.** Title: Bridging the Gap: Understanding COVID-19 Vaccine Uptake in Geriatric Patients. Mentors: Thomas Bledsoe, MD | Brown Internal Medicine and Deborah Gutman, MD, MPH | Brown University
33. **Pouya Susanabadifarahani.** Title: Assessment of Naloxone and Alternative Nonfatal Overdose Response Methods Among Individuals Experiencing Homelessness: A Cross-sectional Mixed-methods Study. Mentor: Megan Smith, PhD, MSW | House of Hope, CDC
34. **Harrison Theriault.** Title: Assessing Barriers to Electronic Patient Portal Use at CCAP. Mentors: Nicholas Lutzel | Comprehensive Community Action Program and Therese Zink, MD, MPH | Brown University
35. **Ushang Uke.** Title: The Loneliness Epidemic: Investigating the Prevalence of Loneliness at Brown Internal Medicine and its Contributing Factors. Mentors: Thomas Bledsoe, MD | Brown Internal Medicine and Deborah Gutman, MD, MPH | Brown University
36. **Courtineé Walker.** Title: Optimizing Fetal Monitoring Duration in the Emergency Department to Improve Efficiency and Patient Experience. Mentors: Eilean Attwood, MD and Heather Smith, MD, MPH | Women and Infants Hospital, Emergency Department and Jennifer Hosmer, MD, MPH | Brown University
37. **Abigail White.** Title: Efficacy of Physical and Virtual Interpretation Services Offered at a Federally Qualified Health Center: A Mixed Methods Study. Mentors: Nicholas Lutzel | Comprehensive Community Action Program and Therese Zink, MD, MPH | Brown University
38. **Zalman Wong.** Title: The Impact of Physician Retirement on Patient Care: Analyzing Experiences, Challenges, and Quality Improvement Opportunities. Mentors: Thomas Bledsoe, MD | Brown Internal Medicine and Deborah Gutman, MD, MPH | Brown University
39. **Niels Wright.** Title: Evaluating the Use of Asthma Action Plans in an Underserved Population Utilizing Retrospective and Survey Data. Mentors: Morgan Motia, MD, MPH | Blackstone Valley Community Health Center and Nicole Siegert, MD | Brown University

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