

Brown University/Warren Alpert Medical School Gateways to Medicine Healthcare and Research



ScM in Medical Sciences Capstone Projects 2023

- Arsalan Ahmed. Title: Proficient Health Literacy Suggests Better Outcomes on Patients with Hypertension: Needs Assessment Survey. Mentors: Nicholas Lutzel | Comprehensive Community Action Program and Therese Zink, MD, MPH | Brown University
- 2. **Keaton Andra.** Title: The Impact of Staff Training on the Collection of Enhanced Demographic Data at an Urban FQHC. Mentors: Natasha Viveiros, RN, MPH | Providence Community Health Center and Karen Saal, MD | Brown University
- 3. **Giorgio Bacchin.** Title: Comparing Burnout Between Behavioral Health Prescribers and Primary Care Providers at a Federally Qualified Health Center. Mentors: Matthew Malek, MPH, MD | Thundermist Health Center
- 4. **Jacob Bailey.** Title: Who's Not At The Party: Patients Lost to Follow-Up in an Academic Primary Care Setting. Mentors: Thomas Bledsoe, MD | Brown Internal Medicine and Deborah Gutman, MD, MPH | Brown University
- 5. **Saurav Boparai.** Title: Burnout Rates of Care Providers at a Federally Qualified Health Center in Rhode Island. Mentors: Sarah Reinstein, MPH | East Bay Community Action Program and Claudia Clarke, DO | Brown University
- 6. **Alex Cetatoiu.** Title: Heart Failure Utilization Trends of Patients Enrolled in Coastal Medical's Remote Patient Monitoring Program. Mentors: Edward McGookin, MD, Kelsey Ryan, PharmD, C. Kennedy, PharmD | Coastal Medical and Claudia Clarke, DO | Brown University
- 7. **Montserrat Chavez.** Title: The Effectiveness of an Intervention Aimed at Increasing Childhood Lead Screening Rates at a Federally Qualified Health Center. Mentors: Morgan Motia, MD | Blackstone Valley Community Health Center and Gowri Anandarajah, MD | Brown University | Acknowledgments: Maymuna Elmi
- 8. **Joanne Choi.** Title: Needs Assessment at a Federally Qualified Health Center: Barriers to Patient Satisfaction from the Staff Perspective. Mentors: Jamie Brooks, MHR, CDP, Natasha Viveiros, RN, MPH | Providence Community Health Center and Karen Saal, MD | Brown University
- 9. **Rachel Cope.** Title: Patient Satisfaction with Spanish and Portuguese Interpretation Services at East Bay Community Action Program (EBCAP). Mentors: Sarah Reinstein, MPH | East Bay Community Action Program and Claudia Clarke, DO | Brown University
- 10. **Francisco Cordero.** Title: Detecting Childhood Depression: Addressing Low Screening Rates at a Rhode Island Federally Qualified Health Center. Mentors: Morgan Motia, MD | Blackstone Valley Community Health Center and Gowri Anandarajah, MD | Brown University | Acknowledgments: Chinsom Onyenso
- 11. **Aniela Crayton.** Title: Barriers Faced by Patients Requiring Diabetic Eye Exams in the Brown Internal Medicine Patient Population. Mentors: Thomas Bledsoe, MD | Brown Internal Medicine and Deborah Gutman, MD, MPH | Brown University
- 12. **Emily Egbert.** Title: Pediatric COVID-19 Vaccination Challenges and Successes: An Evaluation of Patient Factors in an FQHC Setting. Mentors: Jason Schreiber, MBA, FACHE, Jonathan Gates, MD | Providence Community Health Center and Karen Saal, MD | Brown University
- 13. **Maymuna Elmi.** Title: Assessing Health Literacy and Education Efforts in Pediatric Lead Screening at Blackstone Valley Community Health Care. Mentors: Morgan Motia, MD | Blackstone Valley Community Health Center and Gowri Anandarajah, MD | Brown University | Acknowledgments: Montserrat Chavez
- 14. **Emma Fargo.** Title: Barriers to the Performance of Preventative Health Screenings on Female Patients at Brown Internal Medicine. Mentors: Thomas Bledsoe, MD | Brown Internal Medicine and Deborah Gutman, MD, MPH | Brown University | Acknowledgments: Erin Tetreault, LPN
- 15. **Markaila Farnham.** Title: Breast Cancer Health Literacy and Barriers to Mammography in a Stratified Cohort of Comprehensive Community Action Plan Patients. Mentors: Nicholas Lutzel | Comprehensive Community Action Program and Therese Zink, MD, MPH | Brown University
- 16. **Ji-Eun Kim.** Title: Mammography Rates in Rhode Island: Identifying Screening Disparities During the COVID-19 Pandemic. Mentors: Neil Sarkar, PhD, MLIS, FACMI, ACHIP | Rhode Island Quality Institute and Elizabeth Chen, PhD, FACMI, Mounika Thakkallapally, MS, Jonah Bradenday, BA | Brown Center for Biomedical Informatics and Karen Saal, MD | Brown University
- 17. **Nash Klinger.** Title: Non-Operative Knee and Hip Osteoarthritis Care: A Survey and Chart Review of Coastal Medical's Joint Health Program. Mentors: Edward McGookin, MD, Jeffery Manning, MD, Kelsey Ryan, PharmD | Coastal Medical and Claudia Clarke, DO | Brown University

- 18. **Miranda Lawell.** Title: Leveraging Big Data in Childhood Cancer Research: Opportunities and Challenges in the Setting of a Health Information Exchange. Mentors: Indra Neil Sarkar, PhD | Rhode Island Quality Institute and Elizabeth Chen, PhD, Mounika Thakkallapally, MS, Jonah Bradenday, BS | Brown Center for Biomedical Informatics and Karen Saal, MD | Brown University
- 19. **Racquel Lyn.** Title: Telemedicine Satisfaction for Patients with Asthma at Providence Community Health Centers. Mansi James, DO | Providence Community Health Centers and Karen Saal, MD | Brown University
- 20. **Caroline Martin.** Title: Assessing Colorectal Screening Limitations Among Patients with Chronic Comorbidities in a Primary Care Setting. Mentors: Thomas Bledsoe, MD | Brown Internal Medicine and Deborah Gutman, MD, MPH| Brown University
- 21. **Jon Olansen.** Title: Effects of Scribes on Provider Wellbeing and Documentation Time at A Federally Qualified Health Center. Mentors: Matthew Malek, MD, MPH | Thundermist Health Center
- 22. **Helen Onyenso.** Title: Identifying ADHD in Girls from Disadvantaged Backgrounds: Addressing Low Screen Rates at a Federally Qualified Healthcare Center. Mentors: Morgan Motia, MD | Blackstone Valley Community Health Center and Gowri Anandarajah, MD | Brown University | Acknowledgments: Francisco Cordero
- 23. **Rachna Prasad.** Title: Analysis of Emergency Department Utilization Trends at an Urban Federally Qualified Health Center in Rhode Island. Mentors: Jason Schreiber, MBA, FACHE, Jonathan Gates, MD | Providence Community Health Center and Karen Saal, MD | Brown University
- 24. **Anusha Ray Dey.** Title: The Impact of Health Literacy on Diabetes Health Outcomes at CCAP. Mentors: Nicholas Lutzel | Comprehensive Community Action Program and Therese Zink, MD, MPH | Brown University
- 25. **Milan Reed.** Title: Barriers to completion of Pediatric Developmental Screening in a Federally Qualified Health Center. Matthew Malek, MPH, MD | Thundermist Health Center
- 26. **Emily Rodriguez.** Title: Colorectal Cancer Screening, Health Literacy, and Barriers to Access in Rhode Island: a Cohort Study with Phone Survey. Mentors: Nicholas Lutzel | Comprehensive Community Action Program and Therese Zink, MD, MPH | Brown University
- 27. **Alfonso Roque.** Title: Evaluating the Efficacy of EBCAP's Hypertension Remote Patient Monitoring Program Through Metrics of Engagement. Mentors: Pamela Greenhalgh, RN | East Bay Community Action Program and Claudia Clarke, DO | Brown University
- 28. **Francesca Rothell.** Title: Health Literacy and Hyperlipidemia Management: Literacy Practices and Patient Health Outcomes at a Federally Qualified Health Center. Mentors: Nicholas Lutzel | Comprehensive Community Action Program and Therese Zink, MD, MPH | Brown University
- 29. **Katya Sigal.** Title: Utilizing Risk Assessment To Inform A Transition Of Care Model At An FQHC and Potentially Reduce ED Admission. Mentors: Sarah Reinstein, MPH | East Bay Community Action Program and Claudia Clarke, DO | Brown University
- 30. **Shrishti Singh.** Title: Patient-Reported Barriers to Colon Cancer Screening at Brown Internal Medicine. Mentors: Thomas Bledsoe, MD | Brown Internal Medicine and Deborah Gutman, MD, MPH | Brown University
- 31. **Sheila Solarez.** Title: Assessing Language-Concordant Patient Education Resources at an FQHC Lactation Clinic. Mentors: Kristen Hylan, FNP, IBCLC, Jennifer Raney, MD | Providence Community Health Center and Karen Saal, MD | Brown University
- 32. **Ava Stipanovich.** Title: Barriers and Facilitators to Breastfeeding at a Rhode Island Federally Qualified Health Center: A Qualitative Study. Mentors: Morgan Motia, MD | Blackstone Valley Community Health Center and Gowri Anandarajah, MD | Brown University
- 33. **Stanley Wang.** Title: Identifying Factors Associated with Cervical Cancer Screening Rates in FQHCs. Mentors: Nicholas Lutzel, Jason Villa, DMSc, MHS, MS, PA-C | Comprehensive Community Action Program and Therese Zink, MD, MPH | Brown University

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