

Gateways to Medicine, Healthcare & Research

Capstone Project

Goals & Objectives

- to integrate knowledge from different disciplines and from fieldwork experience
- to independently explore a focused healthcare topic
- to “give back” to community by collaborating with community clinical sites, including many Federally Qualified Health Centers (FQHCs) to provide assistance on a quality improvement project of **the clinical site’s choice** and of relevance to patients students have been seeing.
- to develop multiple transferable skills (eg. flexibility, collaboration/teamwork, scientific abstract writing, poster and oral presentation skills, teaching skills)

Project Components

Specific Capstone Project Topic

(Developed Based on the QI Project Most Needed by the Clinical Site)

Science Based Knowledge

(eg. basic science of disease, epidemiology)

QI Project Data Analysis

(eg. local data compared to state, national, etc)

Population Health & Systems Knowledge

(eg. what have others done, what can we do locally?)

Capstone Project

Abstract

(focus on QI project)

Oral Presentation

(all 3 components; detailed)

Poster Presentation

(all 3 components; brief)

ScM in Medical Sciences Class of 2019

Posters Presentations

1. **Jehwoo Ahn.** Title: Efficacy of Community Health Workers in Reducing No-Shows in Patients with Health Literacy Needs Patients with Health. Site Mentors: Kyle Girgan, Gloria Rose, Thundermist Health Center.
2. **Mark N. Boulous.** Title: Referral Pain: Poor Referral Quality Correlates with Worse Health Outcomes. Site Mentors: Mark Schleinitz, Lifespan Center for Primary Care.
3. **Damon Ceylan.** Title: Impact of Language Barriers on Diabetes Management at PCHC Capitol Hill. Site Mentors: Lauren-Elizabeth Cohen, Providence Community Health Centers.
4. **Joyce Y. Chen.** Title: Evaluating the Impact of Violent Adverse Childhood Experiences on Drug Use. Site Mentors: Reina Blackwood, Tri-County Community Action Agency.
5. **Ross A. Clarke.** Title: The Impact of BMI and Gestational Weight Gain on Health Outcomes for Women and Infants. Site Mentors: Ann-Marie Reid-Richardson, Providence Community Health Centers.
6. **Christina K. Crandall.** Title: Efficacy of Non-medicated/Non-opioid Treatments for Chronic Pain in Providence Community Health Center (PCHC) Patients. Site Mentors: Lauren-Elizabeth Cohen, Providence Community Health Centers.
7. **Kailee P. Furtado.** Title: Protecting the Elderly: Access to Utilities and Health Outcomes in Elderly Patients. Site Mentors: Kathryn Amalfitano, Erin Dupont, Irina Vishevsky, East Bay Community Action Program.
8. **Kristin M. Haag.** Title: Household Environmental Mold Exposures and the Development of Respiratory Issues in a Pediatric Population in Rhode Island. Site Mentors: Edward McGookin, Coastal Medical.
9. **Tyler Harder.** Title: Who Are the Heavy Users of the Emergency Room and How Do We Redirect Them to Chafee Community Health Center? Site Mentors: Mike Spoerri, Providence Community Health Centers.
10. **Alexander J. Hodakowski.** Title: Adverse Childhood Experiences as a Predictor of Early Alcohol Use, Suicidal Ideation, Attempted Suicide, and Depression at a FQHC in Rhode Island. Site Mentors: Reina Blackwood, Tri-County Community Action Agency.
11. **Ben Hsieh.** Title: Addressing Health Outcomes through Adverse Childhood Experiences (ACEs) in Tri-County's LGBTQ+ Population. Site Mentors: Reina Blackwood, Wilfredo Perez, Tri-County Community Action Agency.
12. **Joo Y. Jung.** Title: Diabetic Intervention for Homeless Patients at Providence Community Health Center Crossroads. Site Mentors: Deborah Burbank, Providence Community Health Centers.
13. **Mark N. Nathaniel.** Title: The Effects of Low- Literacy in Patients and Intervention Strategies. Site Mentors: Matthew Roman, Gloria Rose, Thundermist Health Center.
14. **Samantha Nelson.** Title: Assessing Social Determinants of Health and Emergency Room Utilization: A Focus on Health Literacy. Site Mentors: Kyle Girgan, Gloria Rose, Thundermist Health Center.
15. **Kyle O'Mara.** Title: Needs Assessment and Patient Perspectives on Prevention and Interventions for Adverse Childhood Experiences (ACEs). Site Mentors: Reina Blackwood, Tri-County Community Action Agency.
16. **Kayla M. Peña.** Title: Social Determinants of Health Screening Initiative: An Analysis of Food Insecurity in a "Low Risk" Population. Site Mentors: Edward McGookin, Coastal Medical.
17. **India B. Rogers-Shepp.** Title: How a Targeted Blood Pressure Reminder Affects Patients Across BMIs and Number of Problems At Blackstone Valley Community Health Center. Site Mentors: Morgan Motia, Cristina Pacheco, Blackstone Valley Community Health Center.
18. **Meghana Sana.** Title: Addressing the Language Barrier for Hypertension Treatment in a Community Health Center Setting. Site Mentors: Morgan Motia, Cristina Pacheco, Blackstone Valley Community Health Center.
19. **Georgia Sleeth.** Title: Curbing costs through innovative care models: The impact of a new comprehensive care outpatient team on chronic disease management and utilization. Site Mentors: Dino Messina, Angie Seo, Lifespan Center for Primary Care.
20. **Kenneth T. Stamper.** Title: Food for Thought: Investigating Food Insecurity and its Potential Implications in Patient Health Outcomes. Site Mentors: Erin Dupont, Irina Vishevsky, East Bay Community Action Program.
21. **Juana Thomas.** Title: Prenatal care visits and the best practices for improving appointment adherence: quality improvement recommendations. Site Mentors: Lauren-Elizabeth Cohen, Providence Community Health Centers.
22. **Jonathan P. Woo.** Title: The Impact of Access to Transportation in No-shows: A Survey. Site Mentors: Jessica E. Murphy, Lifespan Center for Primary Care.

General Project Mentors: Gowri Anandarajah, Reina Blackwood, and Elizabeth Tobin-Tyler served as general project mentors for all students.