

Summer Student Research Program
Project Description

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PROJECT TITLE (200 Characters max):

Emergency Department Screening for Intimate Partner Violence and Patient Perceptions of Care: A Pilot Study

HYPOTHESIS:

This study aims to explore the intersection of racial disparities, medical racism, and IPV screening practices in EDs to identify inequities and improve care delivery for marginalized populations. The hypothesis is that racial disparities exist in IPV screening practices and patient perceptions of care in EDs, with minoritized patients less likely to be screened and more likely to report negative care experiences influenced by perceived medical racism.

PROJECT DESCRIPTION (Include design, methodology, data collection, techniques, data analysis to be employed and evaluation and interpretation methodology)

This pilot study investigates racial disparities in IPV screening and patient perceptions of care in emergency departments (EDs), with a focus on the role of medical racism. Using a mixed-methods approach, the study will combine electronic medical records (EMR) data with survey responses from a diverse sample of ED patients. EMR data will provide information on presenting complaints, IPV screening status, insurance type, and demographics, while surveys will capture self-reported race/ethnicity, satisfaction with care, and perceptions of treatment quality. Surveys, designed for accessibility and inclusivity, will include Likert-type and free-response items and be administered via iPad, written forms, or verbal interviews.

Data analysis will use statistical tools to examine racial differences in IPV screening frequency, patient satisfaction with care, and the impact of perceived racial bias. Free-response survey data will undergo qualitative analysis to identify themes related to patient experiences and perceptions of medical racism. The study will involve survey development, IRB approval, data collection, and analysis, culminating in a manuscript and proposals for an expanded multisite study. This research aims to generate actionable insights for improving equitable, patient-centered IPV screening and care in EDs.

SPONSOR'S MOST RECENT PUBLICATIONS RELEVANT TO THIS RESEARCH:

THIS PROJECT IS: **Clinical** **Laboratory** **Behavioral** **Other**

THIS PROJECT IS CANCER-RELATED

Please explain Cancer relevance

THIS PROJECT IS HEART, LUNG & BLOOD- RELATED

Please explain Heart, Lung, Blood relevance

THIS PROJECT INVOLVE RADIOISOTOPES?

THIS PROJECT INVOLVES THE USE OF ANIMALS

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PENDING

APPROVED

IACUC PROTOCOL #

THIS PROJECT INVOLVES THE USE OF HUMAN SUBJECTS?

PENDING

APPROVED

IRB PROTOCOL # M

THIS PROJECT IS SUITABLE FOR:

UNDERGRADUATE STUDENTS

SOPHOMORES

ENTERING FRESHMAN

ALL STUDENTS

THIS PROJECT IS WORK-STUDY:

Yes

or

No

THIS PROJECT WILL BE POSTED DURING ACADEMIC YEAR

FOR INTERESTED VOLUNTEERS:

Yes

or

No

WHAT WILL THE STUDENT LEARN FROM THIS EXPERIENCE?

The student involved in this project will gain valuable, hands-on experience in research methodology and the interdisciplinary nature of addressing health disparities. They will learn how to design and administer surveys, manage data collection processes, and ensure data quality through cleaning and coding.

Additionally, the student will develop skills in using analytical tools for statistical analysis and qualitative data interpretation.

Through their work on this project, the student will also deepen their understanding of the intersection of healthcare, race, and social inequities, particularly in the context of IPV screening and emergency department care. They will enhance their ability to critically analyze research findings, contribute to meaningful discussions on improving healthcare practices, and participate in the preparation of academic manuscripts, fostering their growth as a researcher and advocate for health equity.