

SHP Student Interns for Research and Scholarly Activities Application of Project Proposal Form

Instructions:

Please fill out the form and return via email to Nipa Sahasrabuddhe (ns1115@shp.rutgers.edu) by **March 31, 2023**. Please fill each box to the right of each required field. If you are sending attachments, please ensure your contact information is added to all your forms.

Faculty Contact Information:

Date submitted:	March 30,2023
Faculty Name:	Nadina Jose
Department/Program:	Health Informatics/MS CRM
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Project Detail:

Project Title: (56 characters max)	Effectiveness of Mobile Clinics in Managing Chronic Illness
Hypothesis:	<p>Null hypothesis: The use of mobile clinics is not effective in managing chronic illnesses like hypertension and diabetes in rural communities.</p> <p>Alternative hypothesis: The use of mobile clinics is effective in managing chronic illnesses like hypertension and diabetes in rural communities.</p>
Description: (Include design, methodology, data collection, techniques, data analysis to be employed, evaluation and interpretation methodology for research component)	<p>Retrospective data on changes in blood pressure and blood sugar levels gathered from 2016 to 2021 by mobile clinics in several rural communities in the province of Pampanga, Philippines will be analyzed to observe the degree of improvement or lack of improvement in blood pressure and blood sugar levels. Data analytics and visualization tools will be used to assess and represent overall results.</p> <p>The overall goal is to report the value of the use of mobile clinics in the improvement of the patient's conditions.</p> <p>Additional outcomes that illustrate the significance of mobile clinics as a tangible example of the use of a decentralized method of monitoring health outcomes while also addressing health disparities in underserved communities can be used to further support its value.</p>

Specific Student Responsibilities:	Data management activities, data analysis, data visualization, literature review, develop tables for analysis, assist with the development of the abstract, manuscript, poster.
Start / end date of project:	May – September 2023 (intern's role July-August)

Educational:

WHAT OTHER EDUCATIONAL OPPORTUNITIES ARE AVAILABLE TO STUDENTS? (e.g., journal club, seminars, clinic, rounds)	<p>Presentation of results via a poster or session in an industry related conference like the DIA or ACRP. Topic on use of decentralized methods like mobile clinics in addressing DEI and health disparities in underserved communities.</p> <p>Publication in a peer-reviewed journal.</p>
WHERE DO YOU PLAN TO PRESENT OR PUBLISH THE FINDINGS WITH THE STUDENT? (e.g., national or state meetings, newsletter or journal, SHP poster day)	<p>Therapeutic Innovation & Regulatory Science - global peer reviewed journal of the Drug Information Association</p> <p>Clinical Researcher – global peer reviewed journal of the Association of Clinical Research Professionals</p> <p>Journal of Medicine, University of Santo Tomas – peer reviewed journal University of Santo Tomas, Faculty of Medicine, and Surgery</p> <p>Principles and Practice of Clinical Research</p> <p>Cureus</p>

CHECK ALL APPROPRIATE BOXES BELOW AND PROVIDE REQUESTED INFORMATION.

This project is: ☐ clinical ☐ laboratory ☐ behavioral ☐ survey ☐ educational

☒ Other: please specify: Retrospective/Observational Study (Non-human subjects per HHS definition)

☐ This project involves the use of human subjects (including chart review, retrospective studies and questionnaires).

Pending ☐ Approved ☐ IRB Protocol Number _____

IRB approval must be obtained by June 2023



Signature of Department Chair

3/27/23

Date

OR-For internal use

Form: (1)

Reviewed date: __4/4/23__

Date processed on website: _____