



SHP Student Interns for Research and Scholarly Activities Project Proposal Form

Instructions:

Please fill each box to the right of the required fields, obtain the required signature and return via email to Michele Sisco (mcoral@shp.rutgers.edu) by **March 24, 2025**.

If you are sending attachments, please ensure your contact information is added to all your forms.

Faculty Contact Information:

Date submitted:	4/1/2025
Faculty Name:	SHRISTI RAWAL
Department/Program:	CLINICAL AND PREVENTIVE NUTRITION SCIENCES
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Project Detail:

Project Title: (56 characters max)	The Camden Study-A Pregnancy Cohort Study of Pregnancy Complications and Birth Outcomes in Camden, New Jersey, USA
Hypothesis:	Higher Composite Dietary Antioxidant Index (CDAI) will be associated with a lower risk of pregnancy-induced hypertension (PIH).
Description: (Include design, methodology, data collection, techniques, data analysis to be employed, evaluation and interpretation methodology for research component)	From 1985-2006, 4765 pregnant participants aged 12 years and older were recruited from Camden, NJ, one of the poorest cities in the US. Study visits, including questionnaires, dietary assessments, and biospecimen collection, occurred in early and late pregnancy as well as at delivery. Medical records were abstracted, and a subset of mothers and infants participated in a six-week postpartum visit. This project will be a secondary data analysis of data collected from this prospective cohort study. Multivariable linear regression models will evaluate the associations between Composite Dietary Antioxidant Index (CDAI), calculated from 24 hr recalls administered in the first trimester, and incidence of pregnancy-induced hypertension (PIH), which was abstracted from medical records.
Specific Student Responsibilities:	<ol style="list-style-type: none"> 1. Literature Review 2. Data cleaning and analysis 3. Abstract preparation

Start / end date of project: July 7- August 29

WHAT OTHER EDUCATIONAL OPPORTUNITIES ARE AVAILABLE TO STUDENTS?

N/A

(e.g., journal club, seminars, clinic, rounds)

WHERE DO YOU PLAN TO PRESENT OR PUBLISH THE FINDINGS WITH THE STUDENT?

SHP poster day

(e.g., national or state meetings, newsletter or journal, SHP poster day)

CHECK ALL APPROPRIATE BOXES BELOW AND PROVIDE REQUESTED INFORMATION.

This project is: clinical laboratory behavioral survey educational
 Other: please specify _____

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

Pending Approved IRB Protocol Number **Pro2022002143**

IRB approval must be obtained by June 2025

JANEZ AEGLER

4/1/2025

Signature of Department Chair

Date