

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

Instructions:

Please fill out the form and return via email to Michele Sisco (mcoral@shp.rutgers.edu) by **March 25, 2024**. 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:	February 12, 2024
Faculty Name:	Laura Byham-Gray, PhD, RDN
Department/Program:	Clinical and Preventive Nutrition Sciences
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Project Detail:

Project Title: (56 characters max)	Comparison of Body Composition Measurements Used in the Prediction of Energy Expenditure in Chronic Kidney Disease
Hypothesis:	Body composition equations that better estimate fat free mass will more precisely predict energy expenditure in chronic kidney disease.
Description: (Include design, methodology, data collection, techniques, data analysis to be employed, evaluation and interpretation methodology for research component)	This study was a secondary analysis of an existing data set from the <i>Rutgers Nutrition and Kidney Database</i> (N=210). The level of agreement between equations was analyzed using intraclass correlation coefficient (ICC). The level of agreement between mREE and eREE was analyzed using Bland Altman analysis.
Specific Student Responsibilities:	Student will be responsible for: <ol style="list-style-type: none"> 1. Updating research literature as relevant. 2. Shaping the MS research thesis (Kratovil, Brody, Sackey and Byham-Gray, 2022) into a peer-reviewed manuscript. 3. Submitting the manuscript to an approved peer-reviewed journal.
Start / end date of	June 15-August 15, 2024

project:	
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Educational:

WHAT OTHER EDUCATIONAL OPPORTUNITIES ARE AVAILABLE TO STUDENTS? (e.g., journal club, seminars, clinic, rounds)	The student will be able to participate in regularly scheduled research advisement sessions with Rutgers faculty. The student will hone skills for scientific writing. The student will learn the processes related to manuscript submission.
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)	<i>Journal of Renal Nutrition</i> This research was presented at the 2023 SHP Research Day and the National Kidney Foundation Spring Clinical Meeting by Ashley Kratovil. The topic is of considerable interest to the practice of nutrition and merits high clinical utility.

CHECK ALL APPROPRIATE BOXES BELOW AND PROVIDE REQUESTED INFORMATION.

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

X Other: please specify: research dissemination

☐ 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 2024

Jane Ziegler _____
Signature of Department Chair

Date 3/1/24

OR-For internal use

Form: (1)

Reviewed date: _____

Date processed on website: _____

3/29/2024