

Summer Student Research Program
Project Description

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PROJECT TITLE (200 Characters max):

Surgical ergonomics

HYPOTHESIS:

Surgical ergonomics is understudied. Though surgeons have expressed interest in learning about ergonomics, they do not follow ergonomics principles.

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

Qualitative analysis of surgeons in the operating room will be done. A protocol for focus groups and interviews will be developed. An intervention to improve ergonomics will be developed and implemented.

SPONSOR'S MOST RECENT PUBLICATIONS RELEVANT TO THIS RESEARCH:

None specifically related

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

PENDING **APPROVED** **IACUC** **PROTOCOL**
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THIS PROJECT INVOLVES THE USE OF HUMAN SUBJECTS?

PENDING **APPROVED** **IRB PROTOCOL #** **M**

THIS PROJECT IS SUITABLE FOR:

UNDERGRADUATE STUDENTS ENTERING FRESHMAN
SOPHMORES ALL STUDENTS
Medical students

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THIS PROJECT IS WORK-STUDY: Yes or No x

**THIS PROJECT WILL BE POSTED DURING ACADEMIC YEAR
FOR INTERESTED VOLUNTEERS:** Yes x or No

WHAT WILL THE STUDENT LEARN FROM THIS EXPERIENCE?

Literature review, Study design, Data analysis, manuscript writing