

Summer Student Research Program  
Project Description

FACULTY SPONSOR'S NAME AND DEGREE: *Alice Chu, MD*

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PROJECT TITLE (200 Characters max):

**Factors affecting compliance with scoliosis bracing**

**HYPOTHESIS:**

*External and internal stressors affect compliance with scoliosis bracing: a qualitative study*

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

*Scoliosis is a common condition affecting disproportionately female, adolescent patients. Bracing is a proven effective treatment, yet compliance with bracing is approximately 35%. Using a qualitative methodology, we aim to evaluate internal and external factors which will contribute to compliance with a bracing regimen.*

SPONSOR'S MOST RECENT PUBLICATIONS RELEVANT TO THIS RESEARCH:

*n/a – IRB submitted and in process*

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 #

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 will work closely with the PI to critically analyze the available literature, create hypotheses, test them, and evaluate data. Preexisting knowledge of analytical techniques is preferred.*