



Tomorrow's Doctors, Tomorrow's Cures

Thinking Out of The Box: Building an MD-Ph.D. Program from Scratch

Learn

Serve

Lead

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Association of
American Medical Colleges

Titles of Proposals

Studies directly related to the student's dissertation

AGS3 Variant Allele and High Blood Pressure

A Randomized, Placebo-Controlled Double Blind Study Examining the Efficacy and Safety of Polyethylene 3350 in Attenuating Functional Deficits Following Acute Traumatic Spinal Cord Injury.

Growth Related Cardiac Muscle mRNA Changes of Patients with LVH

Studies related to future career path

Prevalence & Prevention of MRSA-Carriage Among Emergency Health Care Workers

Phase 3 Trial of Efficacy of Lenalidomide to Prevent Biochemical Progression of Recurrent Prostate Cancer

Identifying a genetic cause of Duane Retraction Syndrome

A month in the General Clinical Research Center

Demystify the process of clinical research.

Learn many of the processes and procedures necessary to conduct clinical research.

Write a full protocol based on the student's dissertation research or future area of interest.

An R21 type grant

A full clinical study grant

Present the study at the end of the rotation.

Presentation made to the faculty and staff of the GCRC.

Presentation made to all the MSTP students at one of our evening seminars.g

Goals

- Design a clinical and/or translational research study with all the elements of an NIH R21 application including effective experimental design and methodology that minimizes risk to the subject.
- Design a written, informed consent and clinical research protocol for your clinical study that addresses the NIH Protection of Human Subjects questions necessary in all NIH applications involving human subjects.
- Describe how to manage the day-to-day activities required of a principal investigator of human research in order to ensure compliance with federal regulations, IRB policies, and Good Clinical Practice.
- Discuss how to recruit, enroll and retain satisfied, informed research subjects.
- Organize efficient documentation systems which ensure reliable results on schedule within budget.
- How to develop a budget.

Goals

- Identify those agencies which regulate the conduct of human research and resources available to answer questions.
- Identify appropriate and timely required communication with sponsors, CRO's, Principal Investigators, the IRB and subjects.
- Discuss effective collaboration with principal investigators and other health care professionals.
- Discuss how to prepare for and participate in internal and external study audits.
- Identify the essential elements of an informed consent document that complies with the MUSC IRB Informed Consent Guidelines and the federal governing the informed consent process.