

Title of Program: Research Administration and Intellectual Property

Dept/Center/Lab: [Cannon Research Center](#)

Principal Mentor: [Dhanonjoy C. Saha, PhD](#)

Assistant Vice President for Research Administration and Operations
Cannon Research Center, Carolinas HealthCare System
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Summary Description: "Over the next two decades, medicine will change from a reactive mode -- where doctors wait for people to get sick -- to a preventative mode, where medical researchers can prevent you from ever getting sick in the first place," says Jordan Goldman, CEO of Unigo.com, an online resource for college information. Behind all this innovation is the business of Research Administration. The Office of Research Administration and Operations at Carolinas Medical Center manages the entire research portfolio of the Center with an annual budget of \$30 million and 200 full time employees. This office oversees the core laboratories, the Office of Clinical and Translational Research, the Vivarium, and the Intellectual Property Portfolio of the system. Research Administration ensures that research is conducted according to federal, state, and local regulations and internal guidelines, ethically and equitably. Research Administration involves finding funding opportunities, developing grant applications, negotiating contract and agreements, and intellectual property and licensing agreements. The Research Administration team works with the Institutional Review Board (IRB), Institutional Animal Care and Use Committee (IACUC), Institutional Bio-safety Committee (IBC), Research Safety and Compliance Committee, Intellectual Property Committee, and Office of Research Finance to ensure financial compliance, all while promoting the responsible conduct of research.

This internship will provide the students an opportunity to observe and learn the research policies and procedures, intricacy and complexities of research administration and operations, and the needs and benefits of the rules and regulations that direct research; particularly in the biomedical fields. The student will have an opportunity to participate in writing reports and research papers and conducting research projects aimed at determining the factors that impede or enhance productivity and efficiency in organizing and conducting research in biomedical settings.

Expectations and Role of Student: Students will work closely with the mentor, developing a research program and gathering the data needed to answer the question. The student will present oral and written summaries of research and will be required to prepare and present an abstract and paper summarizing findings.