**Project Management**

Ensures research program success by planning and directing complex projects with multiple teams and sites from study design & recruitment to data collection, analysis, and reporting. Plans, generates, and tracks study timelines. Monitors research progress and adherence to procedures. Manages grant budgets, vendor selection and procurement.

Ensures effective risk mitigation through quality monitoring and contingency planning and optimized process workflows.

**Communications**

Communicates complex scientific concepts to professional and popular audiences. Procures research funding from private and government agencies by integrating and advancing scientific theories, frameworks and methodologies in successful grant applications. Communicates scientific results to professional and public audiences by publishing papers in peer-reviewed journals, presenting to professional audiences of 100+, and engaging in science outreach. Authors and supervises writing of scientific manuscripts. [add visual communication skills here]

**Interpersonal Leadership**

Works independently and collaboratively in a team environment. Motivates, directs, and integrates staff performing different tasks with differing priorities and measures of success. Develops and maintains collaborations with internal and external stakeholders. Negotiates conflict to develop group consensus. Provides training, recognizes and develops skills in others, evaluates and provides feedback.

**Compliance**

Ensures Insitutional Review Board approval and compliance by supervising study design, directing protocol documentation, and monitoring research activities. Updates and develops program policies and procedures to ensure operational and compliance needs are met. Collaborates with research compliance staff to design and impliment effective human subjects protection for new research methods. Coordinates human protections training.

**Analysis & Programming**

Demonstrates advanced analytical, quantitative, & statistical skills. Develops appropriate analytical approaches, conducts statistical analysis, and delivers statistical and analytical reports. Uses appropriate programming languages to create presentation stimuli, collect and manage large datasets, and enable diverse statistical analysis. Impliments and manages version control and data sharing strategies.

**Theoretical**

Reviews and assesses medical and scientific literature. [more here]

Authored three first author manuscripts, supervised authorship of students’ manuscripts, collaborated on many manuscripts.

Obtains IRB approvals by authoring documents and presenting at review board meetings.

Liaised with research compliance staff to develop procedures that allowed for the approval of first time University use of invasive medical procedures. Coordinated human protections training.

Identified gap in scientific knowledge by conducting literature review. Developed relationships with external scientists to learn new methods. Communicated theoretical framework for study in written and oral proposals. Procured multiple research grants. Purchased equipment (language for vendor contract process). Obtained IRB approvals. Hired and managed research staff. Educated self and staff on new scientific methods. Designed research procedure. Programmed data collection software. Recruited rare community sample. Handled and reported adverse events. Evaluated procedure to minimize adverse event occurrence. Developed and implemented data management plan. Performed statistical analysis. Reported results in written and oral forums.

Certifications:

Pursueing Project Management whatever certification

Could also very easily bust out a clinical research professional certification