

NJ ACTS Workforce Development Core Internships

Project 1: Clinical and Translational Research Competency Assessment Tool: Insights from I-Corp User Discovery Interviews

Project Description: This is a data extraction project from user discovery interviews conducted through the I-Corp Cohort 8 Program. Interviews, notes and insights will be explored for datapoints that are vital to understanding the competency assessment needs of program directors at local CTSA hubs. The student intern will be required to review the transcripts, audio recording, and notes from about 30 interviews and align information culled from them. Information will be collected in an excel spreadsheet, analyzed, and reported through a peer reviewed publication



Necessary Skills: Critical Thinking, Data Collection and Management, Data Analysis, Scientific Writing, Team Science, Communication

Final Deliverable: Manuscript and Poster Presentation at ACTS Conference 2021

Project 2: COVID-19 Trial Element Dataset

Project Description: This project involves the creation of an excel dataset comprised of COVID-19 trials utilizing Clinicaltrials.gov listings and other potential sources. The dataset is intended to be used to address multiple research questions for future publication(s). The student intern will search Clinicaltrials.gov for COVID-19 trial listings and populate a dataset template with the study elements included in each listing.

Necessary Skills: Critical Thinking, Data Collection and Management, Knowledge of Excel, Basic Understanding of Clinical Research Protocol Content

Final Deliverable: Comprehensive, Searchable Excel Dataset

Project 3: Development of Marketing Materials for Integrating Special Populations Core

Project Description: The intern will be tasked with the development of marketing and promotional tools to promote the services of the Integrating Special Populations (ISP) Core. Tools will be utilized to inform and attract scholars inside and outside of Rutgers of available consultative and analytic services provided by the Core leads and staff.

Necessary Skills/Competencies/Background: Marketing, communications, graphic design; some knowledge of or interest in special population issues (children, older adults, racial/ethnic minorities, low income populations, people living with opioid use disorders, people living with HIV/AIDS, people living with serious mental illness, prisoners)

Final Deliverable: Final deliverables would include a physical marketing tool to promote the services of the ISP Core (brochure/flyer). Additional deliverables will include promotional and informational ad copy to be used on the ISP webpages, relevant listservs, and sent in emails when making both initial connections and following up on collaborations.

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Project 4: Virtual Community Engagement Salons

Project Description: The student will work with faculty and staff to develop and implement Community Engagement Virtual Salons (CEVS) that bring researchers together with patients, community members, and health care stakeholders to actively participate in cross-talk -- to incubate ideas for engagement in the Patient-Centered Outcome Research (PCOR) process from the planning stage through implementation and dissemination. CEVS provide a forum for generating research questions, identifying evidence gaps, and defining outcomes meaningful to patients.

Necessary Skills/Competencies/Background: The student should possess excellent organizational and computer skills with working knowledge of virtual meeting software packages and social media platforms. The ability to work remotely is necessary.

Final Deliverable: The final deliverable will be a presentation highlighting accomplishments.

Project 5: Effects of eSource in Multi-National Clinical Trials

Project Description: This is a systematic literature review project inspired by a Gates Foundation large scale multi-national clinical trial. Publications will be identified, reviewed, analyzed, collected, and reported on regarding the efficiency of eSource (electronic source documentation) in multinational trials compared to paper entry. The student intern will be required to assist in the preparation of a systematic review on this topic. Information will be collected in an excel spreadsheet, analyzed, and reported through a peer reviewed publication. The review will also serve as the justification for the application of a 2021 NJ ACTS Propel Award Application that specifically investigates the Gates foundation data on the cost and efficiency of their clinical trial using eSource.

Necessary Skills: Critical Thinking, Data Collection and Management, Data Analysis, Scientific Writing, Team Science, Communication

Final Deliverable: Manuscript and Poster Presentation at the AMIA Conference 2021

Project 6: Precision Training Toolbox: Alignment & Digitization of TL1 Fellow Activity & Assessment

Project Description: We seek an intern to convert our application, assessment, and progress materials for fellows onto a coordinated digital platform to ease data entry, collection, and analysis. We currently rank each trainee's self-assessment, activities, and participation to inform individual enhancement of knowledge, skills, and abilities via online forms and pdfs; these also inform program content and metrics. By integrating onto a digital platform, these tools can be broadened in reach to other programs within the CTSA (e.g. KL2 and workforce development). This integration would also benefit ongoing formal and informal evaluation and assessment of the program as well as create accessibility via the NJACTS TL1 website portal.

Necessary Skills/Competencies/Background: The ideal candidate would be tech-savvy and proficient in survey design and research.

Final Deliverables: Front-end user interface + user guide + technical documentation.