



Job Title: Literature Review and Data Entry Internship
Department: CURE Drug Repurposing Collaboratory (CDRC)
Reports to: CDRC Project Manager
Location: Part-time
of positions: Multiple

Background:

The U.S. Food and Drug Administration (FDA) and National Center for Advancing Translational Sciences (NCATS), part of the National Institutes of Health (NIH) have built a mobile application and website called CURE ID to capture the experiences of clinicians around the globe when they find novel ways of using FDA approved drugs to treat infectious diseases, emerging threats and multidrug resistant organisms. The CURE Drug Repurposing Collaboratory – a consortium of public and private partners convened by the Critical Path Institute (C-Path) was launched last year in collaboration with the FDA and NCATS/NIH. The CURE ID mobile and web platform houses 325 infectious diseases. Each disease includes sections for individual deidentified case reports, discussion posts, and clinical trials. The case reports are a mix of cases submitted by clinicians and reports from published literature.

CURE ID is constantly updating its case reports and lists of clinical trials to provide clinicians and researchers with the most recent and relevant information and is looking for an intern to assist with the literature review and data entry process. CURE ID also has plans to expand the platform to the rare disease space (including rare oncology) and the intern will be expected to conduct literature reviews for infectious diseases and rare diseases. Additional focus areas include special sub-projects on drug repurposing in pregnant women and in neonates, a dedicated project to automatically extract predefined data variables from electronic health records, and partnerships to inform which repurposed drugs may be prioritized for testing in randomized clinical trials.

Job Purpose Summary:

The CDRC is seeking an outreach intern for the CURE ID project. CURE ID is an app that enables health care professionals such as physicians, nurses and pharmacists to submit individual deidentified case reports of patients with challenging infectious diseases where existing drugs were used in new ways. This internship provides a unique opportunity to gain both government and nonprofit experience through involvement in a highly relevant project focused on the novel SARS-COV-2 pandemic.

Intern Responsibilities:

Under the guidance of a mentor, the intern will be expected to:

- Define key words/terms to be used in the review of published literature

- Define the inclusion and exclusion criteria to be used in the review of published literature
- Identify pertinent articles, review abstracts and full text using the inclusion and exclusion criteria
- Enter the relevant case reports into the CURE ID case report form
- Develop a protocol for each systematic literature review that will be conducted for either a new disease or a new therapeutic area and Standard Operating Procedures (SOPs) for data extraction
- Search for, Identify, and extract relevant clinical trials from - www.clinicaltrials.gov as well as other clinical trial resources identified by CURE ID
- Potential interest in developing curated information regarding specific disease content that summarizes pathogen, diagnosis, epidemiology, transmission, and additional pertinent clinical information as well as links to existing treatment guidelines.
- Research tasks may also include creating PowerPoint presentations, conducting simple data analysis, and creating tables and graphs
- Interns will also be invited to participate in regular meetings with team members and colleagues from FDA, NIH, C-Path, and other partners pertaining to aspects of the project (policy, basic science, clinical trials, etc.) that may be of interest to the participant.

Eligibility:

This opportunity is ideal for students who are currently enrolled or have recently graduated from medical school, pharmacy school, public health programs (MPH, PhD), communications programs (Masters or PhD), or particularly motivated undergraduate students majoring in communications, public health or pre-med course work. Those with experience working in infectious diseases are also welcomed to apply. This is a great opportunity for students or recent graduates looking to gain professional experience or to fulfill university/college requirements for internships/professional experiences/volunteering.

This is a paid (\$15/hour) part-time internship for a semester which may be extended for an additional semester. The CURE team is very tight knit and fosters a supportive environment for creativity. You will be expected to work a minimum of 8-10 hours per week. There are two mandatory weekly calls, but otherwise hours are flexible, the time commitment and details of when the work is completed can be discussed during the interview (which will be held virtually) as this opportunity is designed to offer flexibility.

Application:

Please send your resume, cover letter, and a letter of reference (optional) to cdrc@c-path.org. We will accept interns on a rolling basis, so there is not a strict deadline for application.