

Django developer

EpiCenter for Emerging Infectious Disease Intelligence (EEIDI) in the School of Veterinary Medicine, UC Davis is seeking a contract developer for building and managing a project database and related data-management interfaces. EEIDI is a part of the Centers for Research in Emerging Infectious Diseases (CREID) Network funded by the National Institute of Allergy and Infectious Diseases (NIAID) at the National Institutes of Health (NIH). EEIDI works with a team of interdisciplinary scientists in Peru and Uganda to enhance the preparedness of disease emergence.

The developer will be responsible for developing and maintaining the EEIDI PostgreSQL database and developing the front-end Django-based user interface for data entry and editing. Further, the developer will serve as key person for data cleaning and ensuring data quality coming directly from the field teams in for ensuring the quality control of the data collected by field teams. You will closely work with whole EEIDI team but closely with Dr. Christopher Barker and Dr. Pranav Pandit. Specifically, you will

- Manage project databases and Django data entry interfaces
- Train end users in Peru, Uganda and UC Davis as needed for effective use of the system for data management
- Write computer programming code to manage, clean, and provide data to research collaborators.
- Monitor data flows and ensure daily communication with field and research teams.
- Develop data products and documentation necessary to meet research objectives
- Participate in conference calls and project meetings with the broader research team as needed, approximately every 1-2 weeks.

You will be expected to work approximately 30 hours/week, with possible visits to field sites in Peru and Uganda as needed to meet project goals.

Requirements

1. Proficient in Django, SQL and PostgreSQL
2. Training or experience in computer programming and data management
3. Interest in health-related research
4. Communication skills for working with scientifically diverse team
5. Willingness to travel occasionally to Uganda and Peru for periods of at least 1-2 weeks
6. Ability to organize personal workflows to meet deadlines

Preferred Skills

1. Fluency in Spanish.

Work Location: Flexible

EEIDI website: <https://ohi.vetmed.ucdavis.edu/centers/epicenter-disease-dynamics/eeidi>

Interested candidate should email their resume and portfolios to eeidi@ucdavis.edu with subject title “EEIDI database developer”. The position will remain open until filled.