



# JOIN OUR TEAM

The Center for Informatics (CFI) has received multi-year funding from the Global South AI4PEP Network/International Development Research Centre (IDRC, Canada), the Foreign, Commonwealth and Development Office (FCDO, UK) and other international sources.

We have employment and training opportunities in public health, digital health/telehealth, community health, mental health, health disparities, disease surveillance, health informatics, data science, analytics, mathematical modeling, software development, and machine learning and artificial intelligence (AI).

These opportunities interface with the CFI's existing projects portfolio, please see our website: <https://www.usacfi.net/>

We are seeking highly-motivated researchers, health and IT professionals to work alongside our scientists, data scientists, doctors, community health workers, epidemiologist, mathematicians, software developers, and international scientific collaborators.





Two research positions will be filled in the next months:

**Software Developer/Data Scientist:**

**BS/MS Computer Science or related**

**Mathematical Modeler/Data Scientist:**

**BS/MS Math/Applied Math/Physics or related**

Experience and/or an inclination in public health or health applications is preferred.

We also welcome undergraduate and graduate students seeking internship positions or thesis/dissertation projects related to our topics. We especially encourage post-MS and PhD DOST Scholars to apply since they are eligible for Career Incentive Program (CIP) research fellowships with their placement in our projects.

If interested, please send a cover letter expressing your interests and intention, and your CV to [informatics@usa.edu.ph](mailto:informatics@usa.edu.ph). **Deadline: April 30, 2025**

Or, use this online form to submit your application (altogether in a single pdf document): <https://www.usacfi.net/informaticscareer.html>



## **Position 1: Software Developer/Data Scientist**

**Salary Range:** 30-45K Php, project-based

**Recruitment Timeline:** May-June 2025

### **Qualifications:**

- BS/MS Computer Science or related
- Examples of software development work and implementation experience, data science work.

### **Job Description:**

- Develop data resources and tools; patient data collection
- Process and analyze patient data
- Develop machine learning models and AI for mental health
- Develop and implement AI software
- Write up and present research findings
- Attend meetings, webinars and trainings
- Potential to conduct PhD research work abroad (Canada), if qualified.

### **Project:**

- Diagnosing Mental Health Using AI on Speech (MHAI)

### **Work Location:**

- Iloilo City (the applicant must be willing to relocate if currently not in Iloilo)



## **Position 2: Mathematical Modeler/Epidemiologist**

**Salary Range:** 30-45K Php, project-based

**Recruitment Timeline:** May-June 2025

### **Qualifications:**

- BS/MS Math/Applied Math/Physics
- Completed coursework on Differential Equations, Numerical Methods and Statistics required
- Examples of previous predictive modeling work or research

### **Job Description:**

- Develop data resources and tools; community health data collection
- Analyze community health data
- Develop predictive models for infectious disease spread and mental health sequela, disaster cascade response and economic repercussions
- Write up and present research findings
- Attend meetings, webinars and trainings

### **Project:**

- Telehealth data, predictions, pandemic prevention and preparation (TDP4): Early resources mobilization and long-term mental health response in highly vulnerable Indigenous communities

### **Work Location:**

- Iloilo City (the applicant must be willing to relocate if currently not in Iloilo)



**CFI personnel will also perform additional work on some of the following informatics projects:**

**Negros Occidental Mental Health Informatics Resource (NOMHIR)**

- NOMHIR is the informatics resource for mental health patients of the Negros Occidental Rehabilitation Foundation Inc. (NORFI). It will be used mainly for resource planning and research with the aim of improving mental healthcare delivery in the province.

**Poison Control Network – Toxicology Information System (PCN-TIS)**

- PCN-TIS is a patient registry and data resource for the poison control units of 13 referral centers in the Philippines. This is spearheaded by the Corazon Locsin Montelibano Memorial Regional Hospital (CLMMRH).

**Mental Health Information System (MHIS)**

- MHIS is a national-level data resource that will house administrative data from government agencies, research data from academic institutions, and clinical data of mental health patients from the designated mental health centers all over the country.



**CENTER FOR INFORMATICS  
UNIVERSITY OF SAN AGUSTIN  
ILOILO CITY**

## CAREER OPPORTUNITIES AT THE CFI

The **Center for Informatics (CFI)** at the **University of San Agustin (Iloilo City)** was recently approved for multi-year research funding from the **Global South AI4PEP Network/International Development Research Centre (IDRC, Canada)** to pursue the project:

Telehealth Data, Predictions, Pandemic Prevention and Preparation (TDP4): Early Resources Mobilization and Long-Term Mental Health Response in Highly Vulnerable Indigenous Communities.

We have employment and training opportunities in the following topics: **telehealth, public health, community/minority health, health disparities, disease surveillance, health informatics, data science, analytics, mathematical modeling, software development, and machine learning (ML)/artificial intelligence (AI)**. These opportunities interface with our existing projects in mental health, toxicology, clinical research and many others. Please see our website: <https://www.usacfi.net>

We are seeking highly-motivated researchers, health and IT professionals to work alongside our scientists, data scientists, doctors, community health workers, mathematical/epidemiological modelers, software developers, and international scientific research collaborators. Several positions will be filled in the next few months at the following levels:

- MD/PhD or MD - Physician/Telehealth Coordinator/Clinical Researcher
- MS or BS Public Health or other health research related majors - Researcher
- BS or MS Computer Science, Math, Engineering – Modeler, AI & Software Developer
- BS or MS Information Science/Library Science – Health/Research Data Curator
- BS (any) – Administrative Assistant

We also welcome undergraduate and graduate students seeking internship positions or thesis/dissertation projects related to our topics.

We especially encourage **post-graduate DOST Scholars** to apply as they are eligible for Career Incentive Program (CIP) research fellowships with their placement in our projects.

If interested, please send a cover letter expressing your interests and intention, and your CV to: [informatics@usa.edu.ph](mailto:informatics@usa.edu.ph).

Or, use this online form to submit your application:

<https://www.usacfi.net/informaticscareer.html>

**Submission Deadline: July 31, 2023**

