RESEARCH FOUNDATION CUNY

Careers at RFCUNY
Job Openings

Job Title	Systems Modeler
PVN ID	PH-2406-006314
Category	Research
Location	CUNY SCHOOL OF PUBLIC HEALTH & HEALTH POLICY
Department	
Status	Full Time
Annual Salary	$50,000.00 - $75,000.00
Hour(s) a Week	35
Closing Date	Aug 21, 2024 (Or Until Filled)

General Description

Duties and Responsibilities: The Systems Modeler will provide support for the Public Health Informatics Computational and Operations Research (PHICOR) team, Artificial Intelligence, Modeling, and Informatics for Nutrition Guidance and Systems (AIMINGS) Center, and the Center for Advanced Technology and Communication in Health (CATCH). Responsibilities include preforming literature searches, gathering data, helping design, develop, run, and analyze, interpret, and present results/outputs from computational systems models. This will include helping develop models in existing software packages such as TreeAge and Microsoft Excel as well as working with and guiding programmers to develop models. The Modeler should have the ability to understand processes and systems and be able translate these into the design of a computational model and its sets of relationships and inputs and outputs.

Other Duties

Responsibilities also include preparation of reports and manuscripts for publication. For each project, this will involve the following steps: 1) working with the team to develop conceptual model structure and key parameters, 2) writing, testing, and implementing the code to match the specifications, 3) working with the team to run the developed models and tools, and 4) translate model results into a written report or manuscript.

Other duties as assigned.

Qualifications

- A bachelor's degree is required, a master's degree in relevant field preferred.
- Candidates should have a basic knowledge of public health practices and principles.
- Critical thinking skills and comfortable with computers and various types of software. Must have

proficiency in MS Office programs**.**

- Experience with any modeling software (e.g., TreeAge, Microsoft Excel, Crystal Ball) not required but helpful. Previous programming experience not necessary but can be helpful.
- **Ability to learn new software applications is required.**
- Demonstrated ability to communicate and interact effectively in a team environment.
- Enthusiasm and interest in learning about systems approaches, operations research, and public health.
- Additional education may substitute for required experience and additional related experience may substitute for required education.