

Job Title:	Research Data Scientist	Reports To:	Director of Research
Location:	Chicago	Travel Required:	
Level/Salary Range:	DOE	Position Type:	Flexible
HR Contact:	Claudria Hurt	Date Posted:	09/05/2019
External Posting URL:			
Applications Accepted By: Email: careers@alliancechicago.org or Fax: 312.274.0069 Subject Line: Research Data Scientist			

Job Description:
<p>Position Overview:</p> <p>The Research Data Scientist position is an exciting opportunity to contribute to the expansion of community health project portfolio across community health center networks. The Research Data Scientist will be instrumental in serving the needs of AllianceChicago and partnering health center networks, and external stakeholders to leverage data to conduct patient outcomes and health services research. The Research Data Scientist must possess an ability to conduct research in alignment with health center research priorities, and design research studies, and leverage data from the AllianceChicago data infrastructure for analyses. The Research Data Scientist will collaborate closely with the Research, Data, and Informatics Teams and will also support, with the ability to lead, the successful pursuit of research funding to sustain and advance the research and evaluation goals of the networks.</p> <p>Essential Duties:</p> <ul style="list-style-type: none"> • Pursues relevant public and private research funding opportunities • Conducts quantitative data analyses leveraging the networks' data infrastructure and other private/public datasets, including but not limited to advanced statistical and predictive analytics • Works with the researchers and the data team to synthesize analytic plans for studies to ensure the data requests and data outputs reflect the needs of the project • Conducts qualitative analyses • Pursues opportunities for publications and dissemination activities and represents the networks at local and national meetings • Develops research proposals and works with the team on proposal development, including formulating research questions, developing research design, and writing specific aims and research strategy • In conjunction with the Data Team inform enterprise data architecture necessary to support research priorities • Prioritizes source data to meet research priorities • Serves as Principal Investigator for research studies in areas of expertise and assures appropriate direction and management of complex proposals and projects • Oversees grant and contract submissions by managing their timeliness, approving their content, and measuring their outcomes as needed. • Represents the networks on relevant research-related steering committees, at conferences, to academic research stakeholders, and in other research collaborations • Collaborate with partner health centers to identify and execute analyses that align with their priorities <p>Other Requirements:</p> <ul style="list-style-type: none"> • Fundamental knowledge and application of statistical analysis required for hypothesis testing and publishing research

- Knowledge of a variety of machine learning techniques (clustering, decision tree learning, artificial neural networks, etc.) and their real-world advantages/drawback
- Familiarity with programming languages, with ability to independently query the AllianceChicago data infrastructure and experience using computer languages to manipulate data and draw insights from large data sets.
- Familiarity with research funding institutions and major peer-reviewed journals
- Demonstrated success in conceptualizing and developing funded research proposals
- Skill in research project management, implementation, and evaluation
- Experience in high-level oversight over multiple complex projects
- Authorship on publications
- Demonstrated ability to work with a wide range of stakeholders
- Knowledge and ability to implement principles of management, leadership, conflict resolution, negotiation, and motivation
- Excellent organizational, written, and verbal skills

Education/Training/Expertise:

- A doctoral degree in research or health-related field and experience in information technology fields
- Eligible for academic appointment in a research position
- Working knowledge of standard desktop computing software packages (word processing, spread sheeting, presentation software, internet browsers, etc.)
- Experience working with electronic health records and health information technology preferred

Working Conditions:

- General office setting, extensive telephone and desk work at computer terminal
- May be required to lift, carry, bend, reach and stand with parcels up to 25 lbs.
- Will work in a close multidisciplinary team environment
- May interface with clients in various settings and may be working during on-site visits in clinical environments where medical equipment, chemicals and where communicable diseases and certain pathogens are present.

ORGANIZATIONAL OVERVIEW:

Founded by four partner Community Health Centers in 1997, AllianceChicago's three core areas of focus are Health Care Collaboration, Health Information Technology, and Health Research & Education. AllianceChicago supports the use of HIT to improve quality, efficiency, and access to services in a national network of community Safety Net health care organizations. The mission of AllianceChicago is to improve personal, community, and public health through innovative collaboration.

ADA Statement: The Americans with Disabilities Act prohibits discrimination and ensures equal opportunity for persons with disabilities in employment, state and local government services, public accommodations, commercial facilities, and transportation. It also mandates the establishment of TDD/telephone relay services.

EEO Statement: AllianceChicago believes that all applicants and employees are entitled to equal employment opportunities and maintains a policy of non-discrimination with respect to religion, color, sex, sexual orientation, national origin, age, veteran status, marital status, physical or mental disability, or any other legally protected class in accordance with applicable law, except where a bona fide occupational qualification exists. AllianceChicago will comply with all phases of employment including, but not limited to, hiring practices, transfers, promotions, benefits, discipline, and discharge.

Disclaimer: The above statements are intended to describe the general nature and level of work being performed by employees assigned to this position. They are not intended to be construed as an exhaustive list of all responsibilities, duties, and skills required of personnel as qualified.