Vice President Research

Location: Flexible
Department: Research and Development
Reports To: President and CEO

Supervises: Research team
FLSA Status: Exempt
Date Created: December 8, 2020

Role Summary	AIQ Solutions is developing a novel software platform that quantifies, characterizes, and predicts patient treatment response based on longitudinal data. AIQ's initial applications focused on analysis of oncology imaging data; however, the company's goals include expansion into other data sets and diseases. AIQ is seeking a Vice President Research to lead and accelerate this expansion. The Vice President Research will be responsible for all aspects of the company's research, including direct management of an internal team of research scientists and external research collaborations. The Vice President Research will work closely with AIQ's co-founder and Chief Scientific Officer and will be a member of the company's senior leadership team.

Key Responsibilities

- Define and ensure successful execution of the AIQ's research strategy
- Propose and advance innovative ideas to expand AIQ's technologies
- Determine and secure needed research resources (people, data, collaborations, etc.)
- Directly manage an internal team of research scientists
- Cultivate and manage external research collaborations (academic institutions and other companies)
- Represent AIQ's innovations to investors and potential customers
- Interface with the board of directors on research strategy and plans
- Partner with the Chief Technology Officer (Engineering) to ensure smooth transfer of new innovations from research to development
- Educate and support the business development team as needed
- Act as principal investigator on grants (e.g., SBIR)
- Travel to conferences or customer-related meetings as needed (infrequent)
- Perform other related duties as assigned

Qualifications

The requirements listed below are representative of the knowledge, skill, and/or ability necessary for satisfactory performance. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Minimum Qualifications	• Ph.D. in related area of science • Demonstrated scientific expertise in different types of clinical biomarkers (e.g., prognostic, predictive, pharmacodynamic) obtained from various sources (e.g., liquid biopsies, imaging) • Working knowledge of AI/machine learning frameworks • Working knowledge of biostatistics methodologies • Strong strategic and critical thinking skills • Demonstrated ability to develop novel solutions to complex problems • At least 3 years of work experience post-Ph.D. (academia and industry combined) • At least 2 years of work experience in industry • Experience with academic-industrial collaborations • Experience proposing and managing a budget • Strong interpersonal and presentation skills • Strong organizational skills and attention to detail • Comfortable working in the fast-paced, ambiguous environment of a start-up company
Preferred Qualifications	• Previous experience at a start-up company • Previous experience building and managing a research team • History of successful grant funding • Authorship of relevant articles in peer-reviewed journals
Eligibility	Must be legally authorized to work in the United States.
About Us	AIQ Solutions, based in Madison, Wisconsin, has developed a medical software platform based on advanced analytics, including artificial intelligence, to revolutionize evaluation of treatment response in patients with complex diseases.
Contact	Please send all inquiries about this position to Dona Alberti, Chief Operating Officer, at dona.alberti@aiq-solutions.com
Disclaimer	This description is subject to change at the discretion of management without notice and at any time. The duties contained in this description may be added to depending upon the needs of the company. This document provides a general guideline for the nature and level of work performed by employees within this role and should not be construed as a comprehensive inventory of all duties, responsibilities, and qualifications for employees assigned to this job.