Advanced Research Projects Agency for Health

Overview:

ARPA-H (the Advanced Research Project Agency for Health) is seeking highly qualified candidates to build out our executive leadership team. ARPA-H is a new agency established with the mission of creating breakthrough solutions to America's most challenging health-related problems. ARPA-H will support high-uncertainty, high-reward programs to solve hard challenges using programmatic approaches that other agencies cannot or do not use. With a scope spanning the molecular to the societal, ARPA-H programs have the potential to radically improve everyone's health. Our streamlined awards process enables us to act quickly and catalyze cutting-edge biomedical and health research. ARPA-H will create an environment to support the best ideas from Program Managers that will bring together dynamic teams to solve the toughest health challenges. Our rigorous program design, competitive project selection process, and active program management ensure thoughtful and impactful expenditures. ARPA-H Program Managers serve for limited terms to ensure a constant infusion of fresh thinking and new perspectives. More information on ARPA-H can be found here: https://arpa-h.gov/

Chief Artificial Intelligence Officer (CAIO)

Description:

The ARPA-H Chief Artificial Intelligence Officer (CAIO) will work closely with the Chief Information Officer (CIO), Chief Data Officer, and the Chief Technology Officer (CTO) to lead and manage the overall development of artificial intelligence and machine learning (AI/ML) technologies for the agency. The CAIO will lead and oversee strategy development and policy formulation for AI and establishing agency standards that support the responsible and ethical use of AI technology. The CAIO will foster creative collaboration between academic and commercial researchers to find AI solutions to the most challenging problems in the health ecosystem and work to break down barrier to AI adoption. The CAIO will oversee ARPA-H AI assurance activities and will ensure all agency generated data comports with AI usability standards for current and future analysis. This is a term-limited position with an initial term of two (2) years, which may be extended for one additional term.

Educational Qualifications and Requirements:

- Ph.D. (preferred) or Master's degree in data analytics, mathematics, Computer science, electrical engineering, statistics, or related field
- 7+ years of experience managing data science, analytics, and/or engineering professionals, with responsibilities that include day-to-day management, professional development, hiring and retention, and coaching and mentoring
- Demonstrated expertise in AI data analytics, programming, AI/ML research areas, and current trends

- Demonstrated expertise in building machine learning models including data preparation techniques, feature engineering techniques, building ML models and related ML algorithms
- Experience with current developments in the field of AI, safe AI, ethical AI, fair AI, etc.
- Experience leading major strategic, cross-functional AI initiatives within large organizations (preferably health related)
- Knowledgeable about big data technologies and related cloud services
- Understanding of software engineering principles and the software development lifecycle, project implementation methodologies, such as Agile

Apply at CAREERS@ARPA-H.GOV   Please include subject line: CAIO Application

At ARPA-H, our customer is the American public, and we seek to build a mission-driven workforce that is as diverse as our customer base. We are building a culture that creates a space for visionary innovators in science, health, and in building a best-in-class ARPA organization. For this position, ARPA-H is able to use special hiring authorities that are legislatively granted that allow for a streamlined hiring and onboarding process.

Benefits: The CAIO will be hired at an industry-competitive salary commensurate with the selectee's qualifications and experience and ARPA-H salary guidelines. Full Federal benefits will be provided, including retirement, health and life insurance, leave, and savings plan (401(k) equivalent). Relocation and other incentives may be available.

Equal Employment Opportunity: Selection for this position will be based solely on merit, with no discrimination for non-merit reasons such as race, color, religion, gender, sexual orientation, national origin, political affiliation, marital status, disability, age, or membership or non-membership in an employee organization. ARPA-H encourages the application and nomination of qualified women, minorities, and individuals with disabilities.

Standards of Conduct/Financial Disclosure: ARPA-H inspires public confidence in our work by maintaining high ethical principles. ARPA-H employees are subject to Federal government-wide regulations and statutes as well as agency-specific regulations described on the NIH Ethics website. We encourage you to review this information. The position requires the incumbent to complete a public financial disclosure report prior to the effective date of the appointment.

Foreign Education: Applicants who have completed part or all of their education outside of the U.S. must have their foreign education evaluated by an accredited organization to ensure that the foreign education is equivalent to education received in accredited educational institutions in the United States. We will only accept the completed foreign education evaluation. For more information on foreign education verification, visit the https://www.naces.org website. Verification must be received prior to the effective date of the appointment.

Reasonable Accommodation: ARPA-H provides reasonable accommodations to applicants with disabilities. If you require reasonable accommodation during any part of the application and hiring process, please notify us. The decision on granting reasonable accommodation will be made on a case-by-case basis.