

DEPUTY SCIENTIFIC INFORMATION OFFICER POSITION

EUNICE KENNEDY SHRIVER NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT, BETHESDA, MARYLAND

The *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD) at the National Institutes of Health (NIH) in Bethesda, MD, U.S. is seeking a Staff Scientist to act as Deputy Scientific Information Officer (Deputy SIO). The Deputy SIO work closely with the Scientific Information Officer (SIO) as a liaison between researchers in the Division of Intramural Research, the Information Research Management Branch (IRMB, NICHD's IT branch), and the Center for Information Technology (CIT, NIH-wide IT).

NICHD's mission is to lead research and training to understand human development, improve reproductive health, enhance the lives of children and adolescents, and optimize abilities for all. NICHD's intramural research program consists of over 60 labs on the main NIH campus working on many topics, ranging from understanding the fundamentals of how cells work, to how organisms develop from zygote to adult, to clinical research on rare pediatric diseases.

The overall role of the Deputy SIO will be to proactively seek out current and upcoming challenges related to generating, analyzing, storing, and sharing scientific data, and then help develop solutions that streamline researchers' work and make them more effective in fulfilling NICHD's mission. The SIO and Deputy SIO will work closely with IRMB to develop strategies, policies, and programs to ensure that the information technology needs of researchers can be met both now and in the future. This is a position with potentially broad and direct impact on research at NICHD as a whole.

Responsibilities of the Deputy SIO may include, but are not limited to, the following:

- Work with researchers to understand how data flows through labs, how these workflows interface with IT, and identify any upcoming advances in instruments, methods, and technologies
- Evaluate cloud resources for scientific work and guide implementation
- Oversee a small team of scientific IT support technicians responsible for day-to-day technical work in labs
- Critically evaluate electronic lab notebook solutions and how they would fit in to the day-to-day life of a researcher
- Help coordinate scientific application development and implementation (in concert with the Bioinformatics and Scientific Programming Core)
- Participate in strategic planning and implementation, especially related to IT governance and data sharing
- Serve as point of contact for complex data sharing and transfer requests
- Help develop policies, processes, and documentation to democratize data transfer, storage, backup, and archive
- Represent the interests of the intramural scientific community on institute and NIH-wide working groups

Requirements:

- Outstanding oral and written communication skills and interpersonal skills
- PhD in science, preferably in field related to biomedical research
- Familiarity with working in a laboratory environment or with working closely with researchers
- 4 years of experience in either a field related to IT or research involving substantial use of IT infrastructure

Preferred:

- Previous experience working at the interface of research and IT
- Linux system administration experience
- Basic Python, R, and/or Bash programming experience
- Demonstrated experience with specific domains of information technology, such as networking, security, storage, cloud platforms, applications development, desktop support, or managing high-performance computing infrastructure

Appointees may be U.S. citizens, resident aliens, or non-resident aliens with or eligible to obtain a valid employment authorized visa. Salary is commensurate with education and experience. A full benefits package is available, including retirement, health insurance, life insurance, long-term care insurance, annual and sick leave, and Thrift Savings Plan (401K equivalent).

To Apply:

Applicants should submit their *curriculum vitae* and a statement of interest to Ryan Dale, ryan.dale@nih.gov and arrange for three letters of reference to be sent as well. Applications will be accepted starting August 5, 2022 until the position is filled.

DHHS and NIH are Equal Opportunity Employers.

The NIH is dedicated to building a diverse community in its training and employment programs and encourages the application and nomination of qualified women, minorities, and individuals with disabilities.