

Opportunity Title: Emerging Leaders in Data Science Fellowship

Opportunity Reference Code: NIH-NIAID-2022-0002



Organization National Institutes of Health (NIH)

Reference Code NIH-NIAID-2022-0002

How to Apply Click on *Apply* below to start your application.

Connect with ORISE...on the GO! Download the new ORISE GO mobile app in the [Apple App Store](#) or [Google Play Store](#) to help you stay engaged, connected, and informed during your ORISE experience and beyond!

Application Deadline 3/25/2022 11:59:00 PM Eastern Time Zone

Description

NIAID is the largest funder of infectious and immune-mediated disease research, and globally the institute is playing a major role in responding to disease outbreaks and pandemics. NIAID is at the center of generating and analyzing large, diverse, and complex data sets to accelerate the science of better understanding pathogen transmission and evolution, pathogen-host interactions, host immune response, and infectious and immune-mediated disease pathogenesis, as well as to develop new and improved diagnostics, therapeutics, and vaccines. NIAID aims to advance data science to efficiently use large-scale and complex data for new scientific insights.

Training is an essential part of data science, and NIAID has established the [Emerging Leaders in Data Science Fellowship Program](#) to develop a cadre of talented data scientists to advance research in infectious and immune-mediated diseases. This fellowship is managed by NIAID's Office of Data Science and Emerging Technologies.

What will I be doing?

Each fellow in the NIAID **Emerging Leaders in Data Science Fellowship Program** will be a team member of the Office of Data Science and Emerging Technologies and will collaborate with staff across the institute's intramural and extramural divisions. Fellows will receive training and hands-on-experience in a broad range of data science topics, including data analytics, informatics methods, and software development, but will also be exposed to how data science funding programs are being developed for research and training, and in the design of data governance and sharing strategies.

The program is rotational in design, with fellows conducting 3-to-4-month projects in NIAID's intramural and/or extramural programs. Fellows participate in a variety of professional development activities at NIH and elsewhere during their fellowship to broaden their perspectives on NIAID's research mission and data science needs, strengthen their technical competencies, and further develop leadership abilities.

Why should I apply?

You will have the opportunity to network and explore federal career opportunities. The NIH Bethesda, Maryland campus is home to more than 1,000 laboratories where scientists are engaged in virtually every area of biomedical research, so expertise in almost any discipline is readily accessible. Inter-Institute interest groups promote interactions between senior scientists and NIH fellows in different disciplines.

For more information about NIAID visit: <https://www.niaid.nih.gov/>

Where will I be located?

NIAID offices in Bethesda, MD area

What is the anticipated start date?

The exact start date will be determined between the mentor and applicant at time of selection. The initial appointment is for one year but may be renewed upon recommendation of NIAID contingent on the availability of funds.

What are the benefits?

Opportunity Title: Emerging Leaders in Data Science Fellowship

Opportunity Reference Code: NIH-NIAID-2022-0002

- Stipend: Competitive stipend ranging \$80,990 - \$91,958 annually, based on education and experience.
- Health Insurance Supplement: 100% of ORAU health insurance premiums covered for the duration of the appointment.
- Travel and Training Allowance: \$6,000 annually

Nature of the appointment

This program, administered by Oak Ridge Associated Universities (ORAU) through its contract with the U.S. Department of Energy (DOE) to manage the Oak Ridge Institute for Science and Education (ORISE), was established through an interagency agreement between DOE and the National Institutes of Health (NIH). Participants do not become employees of NIH, NIAID, ORAU, ORISE, DOE, or any other agency, and there are no employment-related benefits. Instead, participants will be affiliated with ORISE for the administration of the appointment through the ORISE appointment letter and Terms of Appointment.

While participants will not enter into an employment relationship, this opportunity will require a suitability/background investigation by NIH. Any offer made is considered tentative, pending favorable outcome of the investigation.

Qualifications

Applicants must meet the following requirements:

- Received a Master's or Doctoral degree in a relevant field within five years (60 months) of appointment start date. Current graduate students may apply but must complete their degree before the start of the appointment.
- Be a U.S. Citizen or LPR





A complete application consists of:

- Zintellect profile
- Essay Questions - Goals, experience, and skills relevant to this opportunity.
- Transcript(s) – For this opportunity, an unofficial transcript or copy of the student academic records printed by the applicant or by academic advisors from internal institution systems may be submitted. Click [here](#) for detailed information about acceptable transcripts.
- Current resume/CV - Including academic history, employment history, relevant experiences, and publication list
- Two (2) educational or professional recommendations - You are encouraged to request recommendations from professionals who can speak to your abilities and potential for success as well as your scientific capabilities and personal characteristics. Recommendation requests must be sent through the Zintellect application system. Letters of recommendation submitted via email will not be accepted.

All documents must be submitted via Zintellect, and must be in English or include an official English translation. Documents must have all social security numbers, student identification numbers, and/or dates of birth removed (blacked out, blackened out, made illegible, etc.) prior to uploading into the application system. All application components must be received in the system in order to be considered.

If you have questions, send an email to NIHprograms@orau.org. Please include the reference code [[NIH-NIAID-2022-0002] in the subject line of your email.

Eligibility Requirements

- **Citizenship:** LPR or U.S. Citizen
- **Degree:** Master's Degree or Doctoral Degree received within the last 60 months or anticipated to be received by 9/1/2022 11:59:00 PM.
- **Discipline(s):**
 - **Computer, Information, and Data Sciences** (17 )
 - **Engineering** (6 )
 - **Life Health and Medical Sciences** (2 )
 - **Mathematics and Statistics** (10 )