Opportunity Title: Emerging Leaders in Data Science Fellowship
Opportunity Reference Code: NIH-NIAID-2024-0001

Organization	National Institutes of Health (NIH)
Reference Code	NIH-NIAID-2024-0001
How to Apply	Click on *Apply* below to start your application. ***Applications will be reviewed on a rolling-basis and selections made as projects for participation become available.**

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Description

NIAID funded projects are generating large, diverse, complex data sets, and our research communities have become a data-intense enterprise. There is a critical need to transform these data into knowledge to better understand 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.

Building a workforce with data science expertise is an important step toward addressing NIAID's data science strategy and research program. NIAID has established the **Emerging Leaders in Data Science Fellowship Program** to develop a cadre of talented data scientists who have a strong interest in applying their informatics and data science expertise to advance research in infectious and immune-mediated diseases. This fellowship is managed by NIAID's Office of Data Science and Emerging Technologies (ODSET).

What will I be doing?

In the NIAID **Emerging Leaders in Data Science Fellowship Program** you will receive training and a hands-on-learning experience in data analytics, data science strategy, and informatics strategies and technologies development. The program is project-oriented in design, with fellows participating in various data science related project. This is a one-year fellowship and may be renewable for a second year. Projects will involve collaborations between the ODSET and NIAID intramural and extramural Divisions and Offices. NIAID also encourages fellows to participate in a variety of developmental opportunities during their fellowship to broaden their perspectives on NIAID's research mission and data science needs, strengthen technical competencies, and further develop leadership abilities.

What are the benefits?

You will receive a competitive stipend for living and other expenses as determined by NIH. Stipends are typically based on academic standing, discipline, and experience. You may also be eligible to receive a health insurance allowance and reimbursement for training and travel expenses.

Location

This program is currently operating in a remote setting.

All participants are required to be in the United States, its territories, or a United States military base for the entire duration of the appointment.

Nature of the Appointment

This program, administered by 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 Institute of Allergy and Infectious Diseases (NIAID). The initial appointment is for one year but may be renewed annually for up to an additional four years upon recommendation of NIAID and contingent on the availability of funds.

Qualifications

The qualified candidate must have received a master's or doctoral degree in one of the relevant disciplines listed below. Degree must have been received within five years of the appointment start date. Current students who are close to completing their degrees may apply but must have completed their degrees by the start of the fellowship.

This opportunity is available to U.S. citizens only.

A complete application consists of:

- A complete Zintellect profile

- A program specific application submitted in Zintellect

- Transcript(s) – Submit a copy of your most recent official transcript. For this opportunity, an unofficial transcript or copy of the student academic record printed by the applicant or by academic advisors from internal institution systems may be submitted to complete the application requirement, if you do not have a copy of your official transcript at the time of application. The transcript or academic record must include the name of the academic institution, name of the student, courses completed/in progress, grades and degree expected/awarded. A copy of your official transcript and/or letter showing proof of your degree may be required prior to starting the appointment. All transcripts must be in English or include an official English translation. Click here for detailed information about acceptable transcripts.

- A current resume/CV, including academic history, employment history, relevant experiences, and publication list

- One Recommendation - Applicants are required to provide contact information for at least one recommendation in order to submit the application. You are encouraged to request a recommendation from a professional 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.** Recommenders will be asked to complete a recommendation in Zintellect. **Recommendations submitted via email will not be accepted.** Recommendation must be submitted before your application can be reviewed.

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

If you have any questions about the application process, please contact ORISE at NIHprograms@orau.org with the reference code NIH-NIAID-2024-0001 in the subject line.

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Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Master's Degree or Doctoral Degree received within the last 60 months or currently pursuing.
- **Discipline(s):**

- - **Computer, Information, and Data Sciences** (17 👁)
  - **Engineering** (6 👁)
  - **Life Health and Medical Sciences** (4 👁)
  - **Mathematics and Statistics** (11 👁)
- **Age:** Must be 18 years of age

Affirmation	Yes, I affirm that I have received my graduate degree within the last five years from the date of this application, or am currently enrolled in a graduate program and understand that my degree will have to be received before I can start an appointment with NIAID.