

**Opportunity Title:** Emerging Leaders in Data Science Fellowship  
**Opportunity Reference Code:** NIH-NIAID-DataScienceFellowship-2021



**Organization** National Institutes of Health (NIH)

**Reference Code** NIH-NIAID-DataScienceFellowship-2021

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

**Application Deadline** 2/28/2021 11:59:00 PM Eastern Time Zone

**Description** National Institute of Allergy and Infectious Diseases (NIAID) conducts and supports basic and applied research to better understand, treat, and ultimately prevent infectious, immunologic, and allergic diseases. For more than 60 years, NIAID research has led to new therapies, vaccines, diagnostic tests, and other technologies that have improved the health of millions of people in the United States and around the world. NIAID is one of the 27 Institutes and Centers of the National Institutes of Health (NIH).

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.

**What will I be doing?**

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.

As a fellow in the NIAID Emerging Leaders in Data Science Fellowship Program, you will receive training and hands-on-experience in data analytics, informatics strategies and software development to support projects in NIAID's extramural and intramural divisions. The program is rotational in design, you will conduct 3 to 4 month rotation-based projects in NIAID's intramural and extramural programs. NIAID actively encourages you to participate in a variety of developmental assignments during your fellowship to broaden your perspectives on NIAID's research mission and data science needs, strengthen technical competencies, and further develop your own 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?**

September 2021 - 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.

*ORISE is continuing normal program operations during the COVID-19 pandemic. This opportunity will be offered as long as National Institutes of Health are able to complete the onboarding process and ensure a meaningful experience to participants. Updates to this opportunity will be provided on this page as needed.*

**What are the benefits?**

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- 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**

You will not enter into an employee/employer relationship with ORISE, ORAU, NIH or any other office or agency. Instead, you will be affiliated with ORISE for the administration of the appointment through the ORISE appointment letter and Terms of Appointment.

**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!

**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.





**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. Recommenders will be asked to complete a recommendation in Zintellect. Letters of recommendation submitted via email will not be accepted. **Recommendation deadline is 2/28/2021 11:59 PM Eastern Time Zone.**

*Submitted 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 documents must be in English or include an official English translation.*

If you have questions, send an email to [NIHprograms@orau.org](mailto:NIHprograms@orau.org). Please include the reference code [NIH-NIAID-DataScienceFellowship-2021] in the subject line of your email.

**Eligibility Requirements**

- **Citizenship:** U.S. Citizen Only
- **Degree:** Master's Degree or Doctoral Degree received within the last 60 months or anticipated to be received by 9/1/2021 11:59:00 PM.
- **Discipline(s):**
  - **Computer, Information, and Data Sciences** (17 )
  - **Engineering** (6 )
  - **Life Health and Medical Sciences** (2 )
  - **Mathematics and Statistics** (11 )