Opportunity Title: National Institutes of Health Interoperability of Biomedical Data Ecosystems Fellowship
Opportunity Reference Code: NIH-DPCPSI-OSC-CDR-2026

Organization National Institutes of Health (NIH)

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

Application Deadline 2/28/2027 11:59:00 PM Eastern Time Zone

Description The National Institutes of Health (NIH), Division of Program Coordination, Planning, and Strategic Initiatives (DPCPSI) is offering post-master's and post-doctoral fellowships at the Office of Strategic Coordination (OSC) within the Catalytic Data Resources (CDR) team related to the interoperability, usability, sustainability, and reuse of biomedical research data.

What will I be doing?

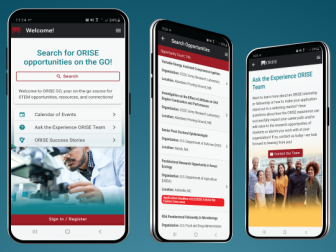
As an Oak Ridge Institute for Science and Education (ORISE) participant, you will join a community of scientists and researchers in an effort to manage the NIH Common Fund, which supports NIH-wide programs addressing important scientific opportunities that span the missions of the NIH Institutes, Centers, and Offices. Within OSC, the CDR team works across Common Fund programs on cross-cutting data needs and opportunities, including data management, interoperability, standards, sustainability, and connections to the broader NIH data ecosystem. Specifically, the Common Fund Data Ecosystem (CFDE) advances interoperability and reuse of Common Fund data resources. You will research and analyze metrics associated with inclusion of data in CFDE and the impact of CFDE association data reuse. The fellowship will combine exposure to NIH-wide data strategy and coordination with opportunities for you to develop and pursue an analytical or methodological research project aligned with your scientific interests.

What will I be learning?

Under the guidance of a mentor, you will gain hands-on experience to complement your education and support your academic and professional goals. Along the way, you will engage in activities and research in several areas. These include, but are not limited to,:

- Gain research experience at the intersection of biomedical data science, scientific program strategy, and federal research data infrastructure.
- Learn how NIH approaches cross-cutting data challenges across large, multidisciplinary biomedical research programs; how data ecosystems, repositories, and infrastructure efforts interact across organizational scientific boundaries; and how research programs plan for interoperability, reuse, and long-term sustainability.
- Obtain experience in evaluating implications for biomedical research data of emerging areas such as metadata and semantic interoperability, controlled-access data, privacy-preserving computation, and artificial intelligence.
- Contribute to translating technical and scientific findings into recommendations for technical and lay audiences
- Learn how to communicate across scientific computational, programmatic, and policy communities.

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- Learn how to develop collaborations across NIH and other federal agencies.

Where will I be located?

Bethesda, Maryland as in-person, remote, or hybrid.

What are the provisions?

You will receive a monthly stipend to be determined by NIH. Stipends are typically based on a participant's academic standing, discipline, experience, and research facility location. Other provisions may include the following:

- Health Insurance Supplement (*with the enrollment of health insurance through ORISE)*
- Travel Expense Allowance
- Training and Research Allowance

What is the length of the appointment?

Appointments are initially for one year with the option to extend the appointment for up to four additional years, contingent upon project needs and funding availability.

What is the anticipated start date?

Applications will be reviewed on a rolling-basis throughout the 2026/2027 calendar year, and fellowships will be filled as qualified candidates are identified. Exact start dates will be determined at the time of selection.

What is the 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 Institutes of Health (NIH). Participants do not become employees of NIH, DOE, ORISE, nor ORAU, and there are no employment-related benefits. Additional information about research happening at NIH can be found at: NIH Participation Programs

Qualifications

The qualified candidate will have a master's or doctoral degree or if currently pursuing, will have completed by the start of the fellowship, in any of the disciplines listed in the opportunity's Eligibility criteria. The degree must have been received within five years of the appointment start date.

Citizenship Requirements: This opportunity is available to U.S. citizens, Lawful Permanent Residents (LPR), and foreign nationals. Non-U.S. citizen applicants should refer to the Guidelines for Non-U.S. Citizens details page for information about the valid immigration statuses that are acceptable for program participation.

A completed application consists of:

- Zintellect Profile
- Educational and Employment History
- Essay Questions (goals, experiences, and skills relevant to the opportunity)
- Resume (PDF)
- Transcripts/Academic Records - Please upload a copy of a transcript for your

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current or most recent degree program that meets the disciplinary qualifications of the opportunity. 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 will be required prior to starting the appointment. Click here for detailed information about acceptable transcripts.

- One Recommendation - Applicants are required to provide contact information for at least one recommendation in order to submit the application, but up to three are encouraged. You are encouraged to request a recommendation 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. Recommendations submitted via email will not be accepted. Recommendations must be submitted before your application can be reviewed.

All documents submitted must be in English or include an official English translation.

All social security numbers, student identification numbers, and/or dates of birth should be removed (blanked out or blackened out, made illegible, etc.) prior to uploading into the application system.

If you have questions, contact us at NIHprograms@orau.org. Please include the reference code NIH-DPCPSI-OSC-CDR-2026 for this opportunity in your email. Please understand that ORISE does not review applications or select applicants; selections are made by the sponsoring agency identified on this opportunity. All application materials should be submitted via the “Apply” button at the bottom of this opportunity listing. Please do not send application materials to the email address above.

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!

Stipend $75,000.00 – $88,000.00 Yearly

Point of Contact Alecia

Eligibility Requirements

- **Degree:** Master's Degree or Doctoral Degree received within the last 60 months or currently pursuing.
- **Discipline(s):**
  - **Chemistry and Materials Sciences** (1 👁)
  - **Computer, Information, and Data Sciences** (12 👁)
  - **Engineering** (3 👁)
  - **Life Health and Medical Sciences** (3 👁)
  - **Mathematics and Statistics** (1 👁)
- **Age:** Must be 18 years of age

Affirmation I affirm that I have received my Master's or Doctoral degree within the last five years or am currently enrolled in a graduate program. If currently enrolled, I understand that my degree must be received before the

appointment start date.