

Subject: SERCC Newsletter
Date: Tuesday, September 17, 2024 at 11:05:57 AM Central Daylight Time
From: Scientific Editing and Research Communication Core
To: Widmayer, Heather A

IOWA

Scientific Editing and Research Communication Core

An Introduction to NIH RePORT

Are you trying to develop a new line of research, or steer your research in a new direction, and unsure what type of questions are of sufficient interest to external sponsors and also unique enough to be competitive for funding? Luckily, this information is often freely available through online databases. In this newsletter, we highlight the [National Institutes of Health \(NIH\) Research Portfolio Online Reporting Tools \(RePORT\)](#) website, as well as a few others that may be useful.

What is NIH RePORT?

The NIH RePORT website hosts numerous tools for generating reports and summary statistics on NIH research activities and their outcomes. These tools include:

- [RePORTER \(RePORT Expenditures and Results\)](#): a searchable repository of NIH-funded research projects that provides access to associated publications, patents, and more.
 - RePORTER also includes information on research projects funded by the U.S. Centers for Disease Control and Prevention (CDC), Agency for Healthcare Research and Quality (AHRQ), Health Resources and Services Administration (HRSA), Administration for Children and Families (ACF), and U.S. Department of Veterans Affairs (VA).

- [Matchmaker](#): a system that allows you to search funded awards by text (e.g., abstracts).
- [NIH Awards by Location and Organization](#): a report that enables you to explore year-by-year NIH funding by institution, state, congressional district, and more.
- [Categorical Spending](#): data on annual support levels categorized by research areas.
- [NIH Data Book](#): summary statistics on extramural awards.

What can NIH RePORT be used for?

Searches using NIH RePORT tools can identify detailed data on the scope, objectives, and outcomes of research projects funded by the NIH (both intramural and extramural). This information is useful for a variety of purposes, including those outlined below.

- Identify funding trends and research areas of interest to specific federal sponsors
 - Use [NIH RePORTER](#) to search for past and currently funded projects, enabling you to avoid duplicating ongoing studies.
 - For example, you can use an interactive graph to easily view all active projects by institute or center.
 - Review the graphs in the [Categorical Spending](#) tool to see trends in annual support levels for various diseases or conditions, and to view disease burden data published by the National Center for Health Statistics at the CDC.
 - Use the [NIH Data Book](#) to visualize general trends in success rates by project type (e.g., R01-equivalent grants; Career Development Awards, Pre- and Post-Doctoral Fellowships).
- Find potential collaborators or appropriate funding agency personnel
 - Use the interactive map in [NIH RePORTER](#) to search awards by location (e.g., state) to identify individuals with whom you might want to collaborate.
 - Search [Matchmaker](#) using scientific texts (e.g., abstracts, Specific Aims pages) to identify
 - the program officials, institutes, centers, or review panels that best match your research interests, or
 - potential mentors for your next career stage.
 - Use [NIH Awards by Location and Organization](#) to search by institution, state, congressional district, principle investigator (PI), funding mechanism, and more.
- Assess the impact of previous work
 - Try the [Publication Search](#) feature in NIH RePORTER to access project

outcomes, including publications and patents resulting from NIH-funded research.

Other databases

Other agency-specific tools for searching award data are available on the agency websites. Here is a short list of such resources that provide information on research funding by other sponsors:

- [NSF Award Simple Search](#): a database of NSF-funded project awards.
- [USASpending.gov](#): the “official open data source of federal spending information, including information about federal awards, such as contracts, grants, and loans.”
- [Tracking Accountability in Government Grants System \(TAGGS\)](#): a database of grants, loans, aggregated direct payments and other types of financial assistance made by 11 funding agencies within the U.S. Department of Health and Human Services (including NIH).
- [Small Business Innovation Research \(SBIR\)/Small Business Technology Transfer \(STTR\) Awards database](#): a portfolio of data on funding for small businesses.
- [World RePORT](#): an interactive, open-access database that maps global research investments from some of the world’s largest biomedical funding organizations, including the Bill & Melinda Gates Foundation, Canadian Institutes of Health Research, European Commission, NIH, and others.

The sophisticated capabilities of these databases described here can be leveraged to help you efficiently perform targeted searches, providing you with information that is highly relevant to your next research project – and giving you a competitive edge in securing funding.

Best of luck using these tools!

Jen Barr and the SERCC Team

Resources:

- Video tutorial: [NIH’s Modernized MyRePORTER](#)
- Video tutorial: [Using RePORT to Understand Who and What NIH Funds](#)
- NIH RePORT: [Frequently Asked Questions](#)
- NIH Extramural Nexus: [Keeping on Top of NIH-Funded Research You Care the Most About Just Got Easier](#)
- NIH Extramural Nexus: [Check Out These Public Federal Funding Databases to Learn More About Funding at NIH and Other Federal Agencies](#)

Subscribe to the SERCC Newsletter →

Announcements

[SERCC Resources on Scientific Writing](#)

Our website hosts a growing collection of resources for scientific writing, including templates and boilerplate text for grant proposals, resources for NIH Data Management and Sharing Plans, lists of diversity funding opportunities, writing tips for manuscripts, and an archive of our SERCC newsletters.

[Overview of the Revisions to the NIH Fellowship Application and Review Process](#)

NIH is revising the application and review criteria for fellowship applications, for those submitted January 25, 2025 and beyond. Visit this website to learn about the goals of these changes, implications for writing and reviewing fellowship applications, and links to training and other resources.

Upcoming Opportunities

Have a question about writing grants or research articles? [Contact us](#) and we will answer it in a future newsletter.

Ask the Editor: SERCC Virtual Office Hours

2nd and 4th Friday of every month | Next session Sept 27 | 9:30–10:30 a.m. | Zoom

The SERCC is hosting virtual office hours twice a month. If you have a question related to writing a grant, manuscript, or other scientific document, stop by to talk with a scientific editor. We are also happy to answer any questions you have regarding our services. Open to all faculty, staff, fellows, postdocs, and students.

[More information](#) | [Link to event](#)

Revisions to the Fellowship Application and Review Process (Live Webinar)

September 19 | 1:00–2:00 p.m. | Zoom

NIH experts will provide essential insights into and updates on upcoming changes to the NIH fellowship application and review criteria. Changes apply for due dates on or after January 25, 2025 and include restructured review criteria, as well as corresponding modifications to sections of the PHS Fellowship Supplemental Form, candidate biosketch, and referee letter instructions.

[More information and registration](#)

DOD Established Program to Stimulate Competitive Research (DEPSCoR) Panel Session

September 25 | 10:00–11:00 a.m. | [Zoom](#)

Several UI members attended the DEPSCoR Day Outreach Event at the University of Oklahoma on April 25. The Research Development Office (RDO) is hosting a panel session that will include three faculty who attended this event. They will describe their experiences from the event, insights gathered for expanding their research activities, and need-to-know information.

[More information](#) | [Registration](#)

FASEB Mosaic Mentors

Application deadline: [September 30](#)

FASEB MOSAIC Mentors are champions for postdoctoral scholars awarded a [Mosaic K99/R00 career transition award](#). They encourage scholars to participate in society leadership and volunteer activities. Mentors will participate in onboarding activities to ensure appropriate mentor-mentee matches and equitable mentor training. Mentors will commit to bi-monthly meetings with scholars to guide them through regular reviews of the scholars' career development plans and the annual cohort retreat as well as provide psychosocial support.

[More information](#)

Early Career Funding Opportunities and Support Information Session

October 2 | 11:00 a.m.–12:00 p.m. | [Zoom](#)

Sponsored by the RDO, this session will give an overview of some of the federal and foundation opportunities available to early career faculty, as well as highlight the unique support provided to early career faculty.

[More information](#) | [Registration](#)

The K Award Ecosystem: Writing a Competitive K Award

October 4 | 8:30 a.m.–12:30 p.m.

The RDO and Institute for Clinical and Translational Science (ICTS) are hosting a virtual NIH K Award grant writing seminar presented by Dr. Peg AtKisson of the [AtKisson Training Group](#). This seminar will walk through all parts of the proposal, emphasizing the purpose of each and how different sections must mesh.

Note, these general concepts also apply to many aspects of fellowship (F31/F32) applications.

[More information](#) / [Registration](#) (by Friday, September 27)

W.M. Keck Foundation Information Session

October 9 | 1:00–2:00 p.m. | [Zoom](#)

The UI Office of the Vice President for Research (OVPR) will introduce the W.M. Keck Foundation Research Program, which supports projects in medical research, science, and engineering. The session will review this limited submission program, the funding priorities of the foundation, the internal application process, the concept

call and review process, and answer questions.

[More information](#) / [Registration](#)

UI Research Services Fair

October 30 | 1:00–4:30 p.m. | Iowa Memorial Union

The Research Services Fair is a vendor-style fair that provides an opportunity for researchers to learn about campus resources and services that are available for their research and scholarship activities. Over 65 campus units will be on site to discuss their services with faculty, staff, and students. Stop by the SERCC table and say hi!

[More information](#) | [Registration](#)

Changing Lives.®

Scientific Editing and Research Communication Core

[Forward this message](#) | [Nondiscrimination Statement](#)