



Office of Research & Innovation Newsletter • January 2022

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A Note: International Research ~ New Regulations Arriving for Federally Funded Research



Dear Colleagues,

As you are probably aware, integral elements of research, discovery, and innovation are scholarly collaboration within institutions, within a nation, and across borders. As shown here, Drexel's own bibliometric data clearly indicates that (i) ~30% of our publications are the result of international collaborations (Fig 1) and (ii) publications stemming from international collaborations have higher impacts than publications without an international collaboration (Fig 2). While there are an abundance of positive impacts stemming from international research collaborations, there has also been a tremendous amount of commentary and guidance from the federal government to ensure that U.S. government research investments are protected. Most recently, a significant event occurred on January 4, 2022, when the White House Office of Science and Technology Policy (OSTP) issued guidance to federal agencies on how to implement National Security Presidential Memorandum 33 (NSPM 33).

NSPM 33 was issued in January 2021 at the end of the Trump administration to strengthen protections of U.S. government-supported research against foreign government interference.

The guidance is aimed at federal agencies to, among other things, direct them to harmonize their varying requirements for disclosure and assessment of potential conflicts of interest and commitment by grant applicants, as well as the processes for determining violations of such requirements, along with the consequences for such violations.

Drexel is taking the necessary steps in preparing for these new guidelines and will be equipped to proceed accordingly once they are issued. We anticipate that these guidelines will impact numerous administrative aspects of proposal submission and award management. These changes will be felt by faculty and research administration staff. ORI will communicate these changes to the research community once they have been finalized. Please visit our webpage for more details including a recording and slides of a recent COGR webinar specific to NSPM33¹.

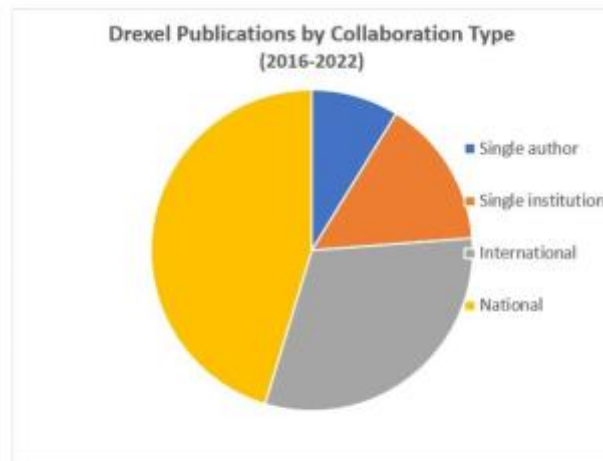


Figure 1.

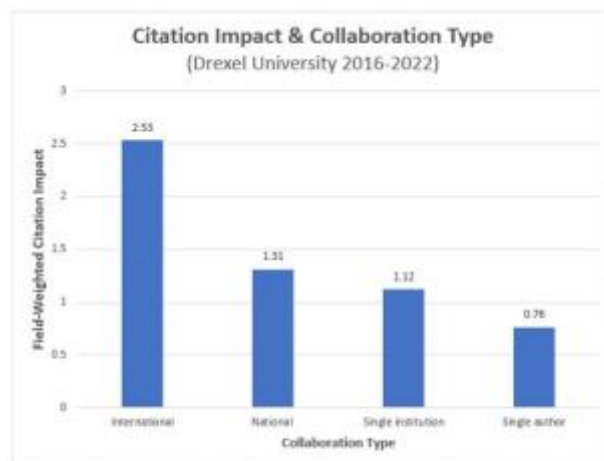


Figure 2.

¹<https://drexel.edu/research/compliance/international-relationships/>

Key Takeaways from the Jan 4, 2022 OSTP Guidance to federal agencies

I. The guidance proclaims that disclosure requirements, forms and formats will be standardized across agencies “to the greatest extent practicable.” The National Science and Technology Council (NSTC) Subcommittee on Research Security is tasked with developing template forms and requirements with relevant agencies. OSTP has called for model award proposal disclosure forms and instructions within 120 days. Agencies presumably will then determine the extent to which their statutes or regulations require deviation from the model forms, a process for which the guidance provides no deadlines. This should make applying for federal research funding easier for Drexel because researchers and institutions should, in theory, be able to submit core information in common across applications and funding agencies.

Research agencies are called on to use robust means of information sharing between agencies about disclosure violations and to develop means to share information about suspected violations. The guidance calls on agencies to make robust use of existing means of information sharing for disclosure violations through means such as SAM.gov (for suspension and debarments) and the Federal Award Performance and Integrity Information System (for a variety of actions, including award terminations for cause), and then goes one step further. The guidance instructs agencies to “coordinate to establish improved mechanisms for sharing information” about *suspected* violations among research agencies. The guidance calls on the agencies to do this work consistent with federal privacy laws. The guidance does not reflect any recognition of the differences between sharing information about violations after the awardee has been afforded due process and sharing such information before an awardee has had the benefit of due process as to the allegations. NSPM 33 itself addresses this issue in a much more nuanced way, calling on heads of agencies to consider providing notice to other agencies where “*significant* concerns have arisen but a final determination has not been made,” not just where there are “suspected violations.”

NSPM 33 also calls on funding agencies to include within grant terms and conditions provisions, as appropriate, that would allow for this kind of sharing. As the agencies move to develop their systems to share “suspected” violations, we can hope that they will look to the terms of NSPM 33 for the details of their work. There is no timeline in the guidance for developing these means of information sharing. But be on the lookout for new terms and conditions that address an agency’s ability to share “suspected” violations with other agencies.

II. OSTP is developing the standards for required research security plans for institutions that receive more than \$50 million in annual federal research funding, but standards will not be in place for months (at least). NSPM 33 stated that all institutions receiving more than \$50 million in annual research funding would be required to certify by January 14, 2022, and annually thereafter, that the institution has established and operates a research security program. The guidance states that OSTP will develop a standardized requirement for uniform implementation of a research security program across agencies. But the timeline it establishes for this, which includes a 90-day engagement period during which OSTP will consult with external stakeholders, provides OSTP with almost seven months before it provides the standardized requirements to OMB. Then, OMB must develop an implementation plan for

the requirements. And while OMB can work quickly when called upon to do so, it is unclear whether its work on this requirement will be a high priority.

The guidance states that qualifying research institutions should establish a research security program as soon as possible but should be provided one year from the date of issuance of formal requirement, meaning after OMB acts, to comply.

Drexel strongly supports international collaboration, while being contemporaneously committed to complying with all applicable laws, regulations, and university policies. We are committed to educating and communicating with our research community and will update our research business processes to ensure compliance with the new realities that will be required of the federally funded academic research community.

Respectfully,

Heather Skinner, JD,

Director, Research Compliance

and

Aleister Saunders, Ph.D.

Executive Vice Provost, Research & Innovation

Professor

News and Announcements



Introducing the "All of Us" Research Program

The All of Us Research Program is an ambitious effort to gather health data from one million or more people living in the United States to accelerate research that may improve health. National enrollment was launched in 2018 in an effort to build one of the most diverse health databases in history. Currently there are over 617,000 registered volunteers who have contributed various types of genetic and health data including surveys, electronic health records, biosamples, activity monitors and physical measurements, including special focus for COVID-19.

In 2020, the "Research Workbench" was created, giving approved investigators access to this database to build and analyze their datasets. Drexel University joined All of Us Research Program in December 2021. The User Support Hub has detailed manuals and video guides. New Research Orientation sessions are conducted every month. Further, we are developing a SharePoint page for Drexel researchers. Visit this page ²for more information and updates.

²<https://drexel0.sharepoint.com/sites/CNHP-Research/SitePages/SPOGuides-All-of-Us-Research.aspx>



HRPP Winter Updates

We are very proud and excited to recognize Barbara Ferrigno for her 20 years of service to Drexel and the IRB/HRPP team. Her role may have changed through the years but her hard work, positive attitude, and expert guidance are widely known across the University. Thanks to Barb for all she does and for being so wonderful. The team continues to make progress on the human subject module in DragonSPOT. We are also actively recruiting for several open positions. (QA/QI Analysts, 2 IRB Analysts, and Reliance Agreement Coordinator) Despite our staffing shortages, the turn-around time (TAT) for submissions continue to remain steady or improve. Please visit our website, <https://drexel.edu/research/compliance/human-research-protection-new>, for the current TATs, important reminders, and updated forms.

Drexel University Libraries launches pilot Open Access Publishing Fund

Starting in 2022, the Libraries will provide up to \$2,000 per author to cover the article processing charges required to publish in an approved open access publication. All Drexel University researchers, faculty, staff and currently enrolled students from any discipline or University department who have an accepted manuscript may apply for funds, regardless of alternative funding. The application process is now open through June 2022. Funds will be awarded on a first come, first approved basis until June 30, 2022, or the fund is depleted. Click here ³for more details.



Drexel founded startup launches collaboration with Siemens

UE LifeSciences has entered into a definitive distribution agreement with Siemens Healthineers, adding its flagship device iBreastExam to Siemens' 360-degree breast care product portfolio for the U.S.

³https://www.library.drexel.edu/news-and-events/news/libraries-news/2022/January/OA_Fund/

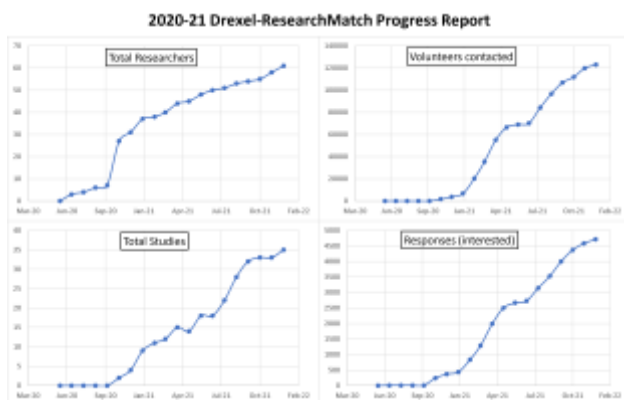
market. The two organizations unite to improve outcomes for a disease that impacts 1 in 8 women (in the U.S.) during their lifetime; a disease that disproportionately affects Black and Hispanic women and one that is projected to claim the lives of 43,600 women this year. Get the full story here⁴!



ResearchMatch progress report (2021)

ResearchMatch is an online nationwide volunteer recruitment tool for health-related studies. As your institutional liaison for ResearchMatch, I am very excited to share some of the progress of the Drexel University (DU)-ResearchMatch (RM) partnership. The DU-RM partnership started July 2020 amidst a pandemic and has played a pivotal role in assisting researchers find the participants for their health-related studies by tapping into a growing registry of over 159,000 volunteers nationwide.

Within a short period of time, our researchers were able to post over 35 studies on ResearchMatch portal and reach out to over 125,000 volunteers, of which nearly 5,000 have expressed interest in participating. The number of new researchers and studies posted in the Drexel Researchmatch portal is steadily increasing. I welcome you to read the full report⁵ and learn more about the ResearchMatch partnership and how it can help your research study.



Webinar Available on Searches for Alternatives to Animals

The NIH Office of Laboratory Animal Welfare hosted a live webinar in December 2021 entitled, “Best Practices for Conducting a Search for Alternatives and Finding Animal Model/Model Organism

⁴http://www.prweb.com/releases/ue_lifesciences_and_siemens_healthineers_launch_ibreastexam_in_the_u_s/p_rweb18441643.htm

⁵<https://drexel0.sharepoint.com/sites/CNHP-Research/SitePages/ResearchMatch-2021-Progress-Report.aspx>

Information⁶.” The panelists included Jessie Kull from the U.S. Department of Agriculture Animal Welfare Information Center and Joelle Mornini from the NIH Library. View this recording to learn how to find:

- 3Rs methods (replacement, reduction, and refinement) and animal use alternative information in bibliographic databases
- Journal articles, patents, NIH-funded research projects, and genetic information related to animal models and model organisms
- Requirements and resources for the NIH Model Organism Sharing Policy⁷

Click here ⁸for more information.

F&A Base Year - Full Physical Equipment Inventory

Fiscal year 2022 is considered a base year for developing the facilities and administrative (F&A) rate proposal submission. The F&A rate proposal is the tool used to set the indirect cost rates for the University. One of the major base year requirements is conducting a physical equipment inventory of all fixed assets. The University has engaged Maximus and Asset Services to assist with this important project. Maximus will act as project manager and develop and negotiate the rate proposal. Asset Services will be conducting the full physical equipment inventory. Representatives from Asset Services will be on campus to begin the inventory process starting on *Monday, January 24, 2022*. It is anticipated that they will complete the inventory process sometime in May 2022. Asset Services will also be tagging any assets that have not previously been tagged by General Accounting or whose tag is not a bar code asset tag. Click here ⁹for more details.

Resources for professional development

Drexel University has an institutional membership to the National Center for Faculty Development & Diversity. The NCFDD is an independent professional development, training, and mentoring community for faculty members, postdocs, and graduate students. NCFDD is 100% dedicated to supporting academics in making successful transitions throughout their careers. The impressive array of resources are free for the Drexel community. Find out more information on how to access NCFDD by visiting the Faculty Advancement website linked here¹⁰.



⁶<https://olaw.nih.gov/education/educational-resources/webinar-2021-12-09.htm>

⁷<https://www.nhlbi.nih.gov/grants-and-training/policies-and-guidelines/nih-nhlbi-policy-on-sharing-of-model-organisms-for-biomedical-research>

⁸<https://nexus.od.nih.gov/all/2022/01/06/webinar-available-on-searches-for-alternatives-to-animals/>

⁹<https://drexel.edu/comptroller/research-accounting/financial/FY22-Facilities-and-Administrative-Rate-Base-Year/>

¹⁰<https://drexel.edu/facultyadvancement/development/NCFDD/>

Office of Sponsored Programs



In an effort to increase communication regarding ORI policies, check this section monthly for highlighted changes or friendly reminders regarding policy.

Proposal Submission Timeline Reminder

In 2015, the Office of Research & Innovation adopted a proposal submission timeline policy to ensure appropriate institutional review of all outgoing research proposals.

The policy is available at: <https://drexel.edu/research/submission/deadlines/>

Submission of proposals in this timeline allows:

- sufficient time for proposal preparation and routing
- review of institutional risk and compliance reviews
- corrections and institutional approvals.
- ensures that OSP is not inundated with multiple last-minute proposal reviews and allows for advance workload planning

Last-minute proposal reviews and submissions increase the likelihood of mistakes, misunderstandings, non-compliant proposals, and – worst case – late submissions.

Where there are multiple submissions due on the same day, OSP's practice is to work on proposals under the proposal submission timeline policy, and to work on the rest of the out-of-policy submissions in the order that they are received.

We appreciate the major investment that faculty and their teams make in preparing proposals. OSP's goal is to ensure that 100% of proposals are compliant with sponsor requirements and submitted in a timely manner. We thank you in advance for helping us meet that goal.

Please reach out to your grants program administrator¹¹ with questions.

¹¹<https://drexel.edu/research/about/find-program-administrator/>

Funding Opportunity Resources



Funding search tools:

Pivot-RP¹²

Funding Institutional¹³

Limited Submissions and Intramural Funding Portal¹⁴

For access and the best user experience, sign in with your Drexel credentials and use Drexel VPN when not on campus.

Questions? Email researchdevelopment@drexel.edu¹⁵

¹²https://pivot-proquest-com.ezproxy2.library.drexel.edu/funding_main

¹³<https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.fundinginstitutional.com%2F&data=04|01|cng45%40drexel.edu|62890f12584f43d7561f08d96ca3ee21|3664e6fa47bd45a696708c4f080f8ca6|0|0|637660273588061669|Unknown|TWfPbGZsb3d8eyJWljoimC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6lk1haWwiLCJXVCi6Mn0%3D|1000&sdata=7D1NvmHylYoNp%2F4vyq96CU%2B7oLp7KIHBTRwdsK6zkzo%3D&reserved=0>

¹⁴<https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fdrexel.infoready4.com%2F&data=04|01|cng45%40drexel.edu|62890f12584f43d7561f08d96ca3ee21|3664e6fa47bd45a696708c4f080f8ca6|0|0|637660273588071628|Unknown|TWfPbGZsb3d8eyJWljoimC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6lk1haWwiLCJXVCi6Mn0%3D|1000&sdata=aOPZwQl1dD6WjFZMwm2YtF8OHotPQMc7I8QhHbtWYb4%3D&reserved=0>

¹⁵<mailto:researchdevelopment@drexel.edu>

Proposal Development Tip

Do you need to secure an institutional letter of support or commitment for your proposal submission?

Institutional letters of support are sometimes required by funding agencies as evidence of institutional commitment. To learn more about the process, visit Prepare¹⁶ on the Office of Research & Innovation website. Questions? Email researchdevelopment@drexel.edu¹⁷

Recent Grants and Awards

Click here¹⁸ to see a snapshot of recent faculty scholarly and professional contributions and recognitions.



Charles E. Kaufman Foundation New Investigator and New Initiative grants programs

Annual research grants in 2022 to researchers at Pennsylvania colleges/universities to carry out fundamental research in the areas of biology, chemistry and physics. New Investigator and New Initiative opportunities exist and a letter of intents are due **March 22, 2022**. Click here¹⁹ for more details.



NIH PAR-21-074: Mentored Research Experiences for Genetic Counselors (R25)

Summary:

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The overarching goal of this NHGRI R25 program is to help recruit individuals with specific specialty or disciplinary backgrounds to research careers in biomedical, behavioral and clinical sciences.

To accomplish the stated over-arching goal, this funding opportunity announcement (FOA) will support innovative educational activities with a primary focus on Research Experiences.

¹⁶<https://drexel.edu/research/proposal/prepare/letter-of-support/>

¹⁷<mailto:researchdevelopment@drexel.edu>

¹⁸<https://drexel.edu/now/archive/2022/January/Faculty-Highlights-Recent-Grants-and-Awards/>

¹⁹<https://kaufman.pittsburghfoundation.org/>

Click here for more details: <https://drexel.infoready4.com/#competitionDetail/1849399>

Deadline: 2/10/2022

Medical Cannabis Research Center (MCRC) Pilot Funding

Summary:

To promote medical cannabis research at Drexel University, the MCRC is pleased to support pilot projects with a focus on advancing medical cannabis science and knowledge regarding the potential medical benefits of cannabis as well as the societal and public health impacts of prohibition and legalization.

A range of approaches are of interest including both quantitative and qualitative, primary or secondary data analyses, observational studies, natural experiments, policy evaluation, and modeling and simulation among others. Studies focused on policies, awareness and access, and other aspects of social justice are encouraged if they address the impact of issues of equity and inclusion on the effectiveness and safety of medical cannabis. Proposals for projects with strong potential to result in peer-reviewed publications and external funding are encouraged.

Click here for more details: <https://drexel.infoready4.com/#competitionDetail/1859806>

Deadline: 3/15/2022

Events and Education



TIPS AND TRICKS OF THE TRADE: Submitting Your Journal Manuscript

The School of Education's Office of Research hosts a panel discussion for researchers to learn the process of preparing a strong and publishable manuscript for journal that fits your project. On **Thursday, February 3, 2022** from 1 – 2 pm. Panelists include Alonzo Flowers, PhD, Rajashi Ghosh, PhD, Toni May, PhD, Kathleen Provinzano, PhD, and moderators are Jennifer Katz-Buonincontro and Monet Harbison. Registration is required. Click here ²⁰to register!

Announcement: Upcoming Topics for the 2022 NSF Convergence Accelerator Solicitation, DCL NSF 22-036²¹

The National Science Foundation (NSF) Convergence Accelerator²² program — which provides an opportunity for academic, industry, nonprofit, and government researchers and innovators to work side-by-side with NSF to address crucial national and global societal challenges — is seeking feedback on future topics for convergence research. The DCL/RFI is the kickoff of the Convergence Accelerator's Ideation Process. Ideas will be selected to further development and to gather insights to assist NSF in determining future convergence research topics. NSF will accept feedback²³ through February 28, 2022. To follow the program and get alerts about upcoming webinars and other related events, visit the NSF Convergence Accelerator events page²⁴.

²⁰<https://drexel.zoom.us/meeting/register/tZ0qf-6ggzssHdcRPbYpNRC7x0jG2jIQnr4N>

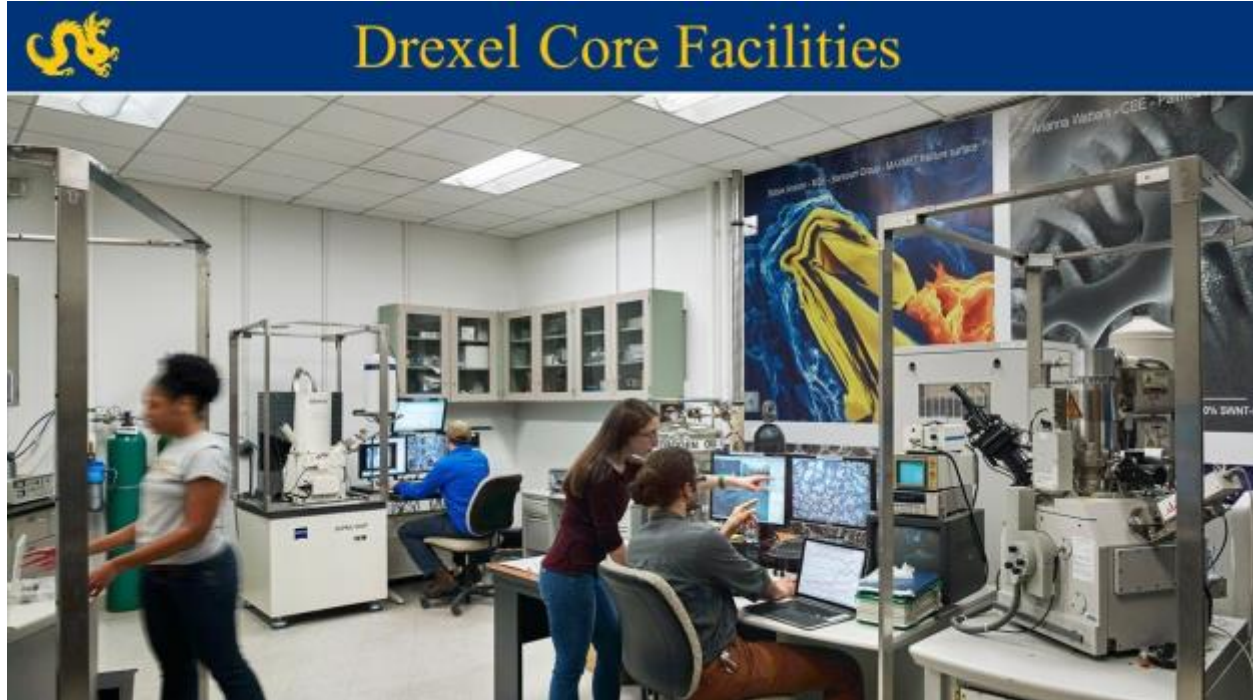
²¹<https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fbeta.nsf.gov%2Fnode%2F29579&data=04|01|cng45%40drexel.edu|2a812657faf141403c0e08d9db7beb0f|3664e6fa47bd45a696708c4f080f8ca6|0|0|637782147529768226|Unknown|TWFPbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6I6k1haWwiLCJXVCI6Mn0%3D|3000&sdata=Qa7YIC%2BdFC9RCRvJdFzGkrzkvEQYI8nj4wdtzKTknPM%3D&reserved=0>

²²<https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fbeta.nsf.gov%2Ffunding%2Finitiatives%2Fconvergence-accelerator&data=04|01|cng45%40drexel.edu|2a812657faf141403c0e08d9db7beb0f|3664e6fa47bd45a696708c4f080f8ca6|0|0|637782147529768226|Unknown|TWFPbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6I6k1haWwiLCJXVCI6Mn0%3D|3000&sdata=0GXHiDU9XF3y1VYSNXTcvBtOF0cKjZHROU%2BZYQJjNMc%3D&reserved=0>

²³<https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fclick.aaas.sciencepubs.org%2F%3Fqs%3D5a51864c65d089b7a407ee8e3f2298e7cef6150bbfa0a80542c312458e2e035818799152bdca1cf621b22dc4ecc8483380aea05f0382b6eb&data=04|01|cng45%40drexel.edu|2a812657faf141403c0e08d9db7beb0f|3664e6fa47bd45a696708c4f080f8ca6|0|0|637782147529924458|Unknown|TWFPbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6I6k1haWwiLCJXVCI6Mn0%3D|3000&sdata=TBKTps8846%2Fi7wStEvHGSa4%2BO9coelH3qKGw8bB9N8%3D&reserved=0>

²⁴https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.eventbrite.com%2Fo%2Fnsf-convergence-accelerator-32255371071%3Fet_rid%3D35378373%26et_cid%3D4073942&data=04|01|cng45%40drexel.edu|2a812657faf141403c0e08d9db7beb0f|3664e6fa47bd45a696708c4f080f8ca6|0|0|637782147529924458|Unknown|TWFPbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6I6k1haWwiLCJXVCI6Mn0%3D|3000&sdata=FzCzsXy3WxiZOHXD9yH1mQ12skx3DLM0oiRz1rOp19k%3D&reserved=0

Online Resources and Links



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- *Office of Research & Innovation*²⁵
 - *Find Your Pre-Award Program Administrator*²⁶
 - *Resources and Forms*²⁷
 - *Response to the COVID-19 Pandemic and Research Ramp-Up Guidance*²⁸
 - *Contact members of the Office of Research & Innovation*²⁹
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²⁵<https://drexel.edu/research>

²⁶<https://drexel.edu/research/about/find-program-administrator/>

²⁷<https://drexel.edu/research/resources/documents-and-forms/>

²⁸<https://drexel.edu/research/resources/response-to-covid-19-pandemic/>

²⁹<https://drexel.edu/research/about/contact/>

Contact Us



We want to hear from YOU! Let us know what you like (or don't like) about our newsletter and which research administration topics you'd like to learn more about. All feedback is welcome. Contact Us³⁰.

To locate a resource contact in the Office of Research & Innovation visit this page³¹.

Office of Research & Innovation | 1505 Race Street | Philadelphia, PA 19102 | drexel.edu/research³²

This message was sent to all Faculty and Staff, as well as Drexel Graduate students, via Drexel Announcement Mail and has been approved by Aleister J. Saunders, PhD, Executive Vice Provost for Research and Innovation.

³⁰<mailto:crystal.n.gatling@drexel.edu>

³¹<https://drexel.edu/research/about/contact/>

³²<https://drexel.edu/research>