



Office of Research & Innovation Newsletter · August 2020

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the paramount work on finding a vaccine. These projects have further led to more than \$1.8M in new research awards from sponsors like the Gates Foundation, the National Institutes of Health, and the Commonwealth of PA, with several additional proposals being reviewed now. They have also led to six invention disclosures, one pending clinical trial, and more than 30,000 individual pieces of PPE that have been delivered to over two dozen partners.

In addition, we recently made awards from a separate rapid response fund for racial equity, designated for urgent action, short-term projects. In honor of Juneteenth and with a deep commitment to the needed examination and eradication of racism in this country and around the world, this Rapid Response Research & Development Fund focused on [racial equity projects](#).

Some of these projects focus on the relationship between race and public health, such as the link between [COVID-19 and race](#) or between Autism diagnosis and race. Some focus on specific social issues affecting the Black community, such as the effects of policing and the disparities in education. There are also projects exploring the impacts of racism, racial exclusion, and racial inequity on students here at Drexel. All of the projects being funded were chosen because they are vital to our understanding of the negative effects of structural racism in our society, and also vital to creating an actively anti-racist response.

Please join me in offering congratulations to the awardees of both of these rapid response funds, and thanking them for their work in helping to create a brighter future for all of us.

Wishing you all health and safety,

Aleister Saunders

Executive Vice Provost for Research & Innovation

News and Announcements



University Research Computing Facility's New System: Picotte

As you may know we are installing new high-performance computing equipment in the URCF. As is tradition the faculty that will be using the equipment agreed on a name for the new equipment, *Picotte*, in honor of Susan La Flesche Picotte. Dr. Picotte was a graduate of the Women's Medical College in 1889 becoming the first Native American physician in the U.S. Check out the PBS mini documentary on Dr. Picotte [here](#) or learn more about her amazing accomplishments and work [here](#).

Picotte, the new computing infrastructure, will be ready for use by our researchers when installation and setup is completed in September. Proteus, the current high-performance computing equipment, will be retired at that time. Equipment that comprises Picotte was purchased using award funds from an NSF Major Research Infrastructure awarded to Gail Rosen. Over the past five years, the facility and Proteus have supported the research of 70 faculty members, and their teams, associated with \$5.39M in research expenditures, 9% of the total research expenditures in those years. Proteus also supports a dozen undergraduate and graduate classes training students in state-of-the-art computing and for data science careers.

Celebrating Kent Lambert's Retirement

The Office of Research & Innovation would like to bid a fond farewell to Kent Lambert, Director of Regulatory Compliance, whose last day at Drexel University will be August 31. We hold deep gratitude

for his 27 years of service to the University including services provided to our medical partners. Please [email us](#) if you would like to sign a virtual card for Kent.

Kent Lambert M.S., CHP, FHPS, Director of Regulatory Compliance and University Radiation Safety Officer from Drexel University, Office of Research & Innovation will be retiring from Drexel University effective August 31, 2020. Kent has been a strong pillar of support and guidance at Drexel University, the Drexel University College of Medicine, St. Christopher's Hospital for Children and Hahnemann University Hospital. As a nationwide health physics leader, Kent held memberships and leading roles in numerous professional organizations and received many professional distinctions and awards as a leader in the health physics field, including the very prestigious Delaware Valley Society for Radiation Safety Meritorious Achievement Award. We thank Kent for his hard work and years of dedication in the field and within the University, which has granted him a legacy in the many treatment regimens, drugs, and educational research that will benefit humans and animals for years and years to come.

On a personal note, many of his colleagues will remember Kent's encouragement to nurture the many plants he bestowed upon our office space, his delicious beverage contributions to our office potluck events; and his efforts to gather the office for our annual seasonal viewing of "It's the Great Pumpkin, Charlie Brown."

We wish you much happiness and joy for you, your wife, and your pets during your well-deserved retirement. Congratulations, Kent. You will be missed!

[Lemelson-MIT Student Prize Invention Competition](#)



The [Lemelson-MIT Student Prize](#) honors promising collegiate inventors around the country.

The Student Prize is open to teams of undergraduate students and individual graduate students who have technology-based inventions in categories that represent significant sectors of the economy: healthcare, food/water and agriculture, transportation and mobility, and consumer devices and products. Teams of undergraduate students must apply with one invention and individual graduate students must apply with two or more inventions. Inventions are not limited to class projects or thesis work, and any side/personal projects could also be considered. Patents are encouraged but not required. In each of the four categories, undergraduate team winners are awarded \$10k and graduate student winners are awarded \$15k. In addition, winners receive a national media campaign, exposure to investment and business communities, and a paid trip to an awards celebration.

The 2021 Student Prize application is [now open](#). Applications are **due September 25, 2020**. Students should review the [Application Info Packet](#) for complete details about the application process and eligibility requirements.

[Facilities & Administration Reimbursement Explained](#)

We use the terms "F&A", "Indirects" and "IDCs" interchangeably when discussing Drexel's Facilities & Administration costs. The Council on Government Relations (COGR) released a paper in April 2019, *Excellence in Research: The Funding Model, F&A Reimbursement, and Why the System Works*, shortly after the Administration's proposal to cap NIH/HHS F&A cost reimbursement at 10%. Learn more about

what F&A Reimbursement is (and isn't) from the paper or from the [slide deck](#) of excerpted from the paper. You can also access Drexel's F&A rates as well as FAQs on these rates at our Comptroller's page [here](#).

Materials Characterization Core: New name and new face for the Centralized Research Facility

In 2006, Drexel cut the ribbon on the Centralized Research Facility. Since then, the facility has seen many changes and grown to be the most highly utilized shared instrumentation facility on campus. We are excited to continue that trajectory under a new name: Materials Characterization Core @ Drexel University. In addition to renaming the facility to better represent our mission and expertise, we will be making several changes in the coming year to enhance the research and educational experience of our users. Along with the new name, we are also proud to launch the new Materials Characterization Core [webpages](#) as part of the newly launched Office of Research & Innovation – Core Facilities website. The new webpages include a Training Library, User and Faculty Resource pages, and an Image Gallery to highlight the exciting achievements of our users. The new pages are just a starting point; we will be adding new content throughout the coming year.

Funding Opportunity Resources



2020 NSF 20-526 Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)

Summary: The National Science Foundation (NSF) Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) program addresses the need for a high quality STEM workforce in STEM disciplines supported by the program and for the increased success of low-income academically talented students with demonstrated financial need who are pursuing associate, baccalaureate, or graduate degrees in science, technology, engineering, and mathematics. The program seeks: 1) to increase the number of low-income academically talented students with demonstrated financial need obtaining degrees in STEM and entering the workforce or graduate programs in STEM; 2) to improve the education of future scientists, engineers, and technicians, with a focus on academically talented low-income students; and 3) to generate knowledge to advance understanding of how factors or evidence-based curricular and co-curricular activities affect the success, retention, transfer, academic/career pathways, and graduation in STEM of low-income students. Faculty members or teams of investigators interested must submit an internal pre-proposal to the Office of Research.

Click here for more info: <https://drexel.infoready4.com/#competitionDetail/1813564>

Deadline: 9/25/20

NIH PAR-17-221 (2021): Enhancing Science, Technology, Engineering, and Math Educational Diversity (ESTEEMED) Research Education Experiences (R25)

Summary: The over-arching goal of this National Institute of Biomedical Imaging and Bioengineering (NIBIB) R25 program is to support educational activities that enhance the diversity of the biomedical, behavioral and clinical research workforce. The ESTEEMED program is intended to support underrepresented racial and ethnic groups, individuals with disabilities, and individuals from disadvantaged backgrounds. It will prepare these participants for an Advanced Honors Program, such as a MARC U-STAR (T34) program and institutional program with similar goals, in the junior and senior years and subsequently, to pursue a Ph.D. or M.D./Ph.D. degree and a biomedical research career in academia or industry. The PD/PI should be an established investigator in the scientific area in which the application is targeted and capable of providing both administrative and scientific leadership to the development and implementation of the proposed program. The PD/PI will be expected to monitor and assess the program and submit all documents and reports as required.

Click here for more info: <https://drexel.infoready4.com/#competitionDetail/1818968>

Deadline: 12/24/20

Events and Education



PreAward Training Opportunities

Join the Office of Research & Innovation PreAward grants team for several training sessions in the fall! You can register in Career Pathway, and will receive the Zoom information upon registration. As always, you can reach out to your [PreAward contacts](#) for individualized training on specific topics, or suggest a topic that the wider community may benefit from.

Workspace and Grants.Gov

Presented by Gia Boersema

Thursday, September 10th, 2pm

This session will provide you information on how to use and submit applications through Workspace, as well as how to navigate the Grants.gov system.

Where is My Money?

Presented by Scott Krefetz and Gia Boersema

Tuesday, September 15th, 11am

All incoming research funding goes through the Office of Research & Innovation before it is set up by Research Accounting Services for access by the Principal Investigator. This presentation will explain the processes and timelines, different types of funding, and various reasons why access to your funds may be delayed. We will also offer several tips to help expedite the process.

NIH Proposal Submissions: “So Many Attachments, So Little Time”

Presented by Andrew Kunitskiy and Stuart Politi

Wednesday, October 28th, at 10am

This presentation will help you navigate the National Institutes of Health application process and attachment requirements for grant proposal submissions in ASSIST and COEUS. A detailed look at page formatting, page limits, and biosketches for R01, R21, Individual Career Development Award (K), Fellowship (F), and Training (T) proposals will be covered.

ORI is Your Partner!

Presented by Jeri Nutter and Gia Boersema

Thursday, November 12th, 11am

In this session, we will discuss the ways the Office of Research & Innovation and the department staff can partner to expedite requests and reduce administrative burden. Topics to be covered are requests for signatures, the timely execution of documents, COEUS record routing, and how -to self-check the status of documents.

NSF: Collaborative Proposals and File Updates

Presented by Kia Haslam and Katie Montalto

Wednesday, December 9th, 10 am

This Presentation will focus on National Science Foundation Collaborative Proposal and File Updates, based on the updated NSF Proposal and Award Policies and Procedures Guidelines dated June 1, 2020. Some topics to be covered include collaborative proposal submission types and how to update files in NSF after a grant has been submitted.

ORI Diversity & Inclusion Committee Diversity Dialogue: From Power & Privilege to Practice & Peoplehood



The Office of Research & Innovation (ORI) Diversity & Inclusion Committee will be hosting the third in a series of Diversity Dialogues on September 25, 10:30am to 12pm, "From Power & Privilege to Practice & Peoplehood." In this session, we will explore the power dynamics inherent in our society, particularly in workplace settings, that sometimes create toxic and non-inclusive environments for people of color. We will also examine ways to reformulate these dynamics so that they are rooted in anti-racism, inclusion, and equity to help create environments that foster learning and community.

Register at this link: <http://bit.ly/divdialogue3>

We are looking forward to as robust a dialogue as we have enjoyed in our previous two sessions, each of which drew over 120 attendees from the Drexel community, and hope to see you there.

Pre-Award Coffee Talk from SRAI

Wednesday, September 2 | 2:00 - 3:00 pm ET

Whether you are new to research administration or an expert, organization and communication are two key skills to managing Pre-Award. During this Coffee Talk our Discussion Leaders will review top frequently asked questions (FAQs), including using shared emails to alert the office of proposal interest, managing PIs' expectations, financial and regulatory compliance, and using templates and checklists.

Learning Objectives:

- Distinguish funding mechanisms
- Develop best initial steps for proposal development and submission
- Determine when to escalate PI's concerns

This [FREE Coffee Talk](#) is open to SRAI Full Members.

DAPLC Presents a Discussion with Kimberly Gholston from the Anti-Racism Task Force

Join the Drexel Administrative Professionals Learning Community (DAPLC) on September 8th from 12-2pm with special guest speaker Kimberly Gholston, Vice President & Chief Diversity Officer and the Chair of Drexel's Anti-Racism Task Force, to discuss and share experiences, opinions, questions, and concerns regarding the many issues on race that we are confronting as a University community. The discussion

will be conducted via a webinar format to assist in respectfully sharing thoughts and talk about resources to bring about a more equitable and supportive environment.

Please [click here to register](#) for this special Zoom event. Once registered, you will receive a link through which you can anonymously submit questions or topics in advance of the event.



[Society of Research Administrators International Training Modules](#)

The Society of Research Administrators International (SRAI) offers many research administration learning courses via live webinar and online sessions. See below for a few upcoming programs.

2020 iSRA Basics of Research Administration

SRAI created the [Basics of Research Administration program](#) for research administrators new to the field with less than 2 years experience. The content is designed to provide a broad awareness across research administration.

Participants will work through micro-credentialing modules on their own time, then interact with instructors weekly through online classes in real-time. Discussions with your peers and instructors will continue through an easy-to-use digital platform providing a study community in a virtual world. The program will include five micro-credentialing modules with six one-hour cohort sessions online to discuss key elements and review course concepts.

Register for this program [here](#).

Principles of Post-Award Financial Research Administration

This module offers the following learning objectives:

- Explain how to receive and establish an award
- Review award management, including

- Expenditure review and monitoring
- Subrecipient Monitoring
- Sponsor invoicing and LOC draws
- Provide an overview of financial reporting, including
 - Regular federal reports (Quarterly Cash Transaction Reports, Annual Expenditure Data Reports)
 - Reporting of income generated by award activities
 - Final financial reporting and award closeout
- Introduce external audits

Learn more and register [here](#).

[Returning to Campus Safely - Drexel's Response to Coronavirus](#)

For all members of Drexel's community returning to campus, the university asks that you complete a training module regarding safety during the COVID-19 pandemic. This training, entitled "Returning to Campus Safely - Drexel's Response to Coronavirus," is available within Career Pathway. For those required to take the training, it should appear in your transcript before your return to campus. Please work with your supervisor and HR Business Partner if you are having trouble accessing this training or have any questions after completing the module prior to returning to campus.

[Drexel Human Resources Trainings on Diversity, Equity and Inclusion](#)

Sign up for various trainings on Diversity, Equity & Inclusion within Career Pathway. Human Resources is offering these trainings to help all Drexel employees better understand and infuse these values into an environment built on respect and dignity. Included are trainings on microaggressions, allyship, implicit bias, privilege, and building community, among others. Trainings are offered in webinar format to allow employees to participate as schedules permit. We encourage all of our colleagues to engage in these trainings as a starting point in helping to create a more diverse, inclusive, and equitable work environment for all.

[Fashion, Style & Queer Culture Conference May 2021](#)

The Office of Research, The Antoinette Westphal College of Media Arts & Design, Drexel University Online, with The Department of Design, are proud to present Fashion, Style & Queer Culture, May 20-22, 2021. In this third Fashion, Style &... we will focus on how fashion and style is portrayed in queer culture. This conference moves beyond fashion as clothes and is broadly interdisciplinary, considering all areas of media, arts and design. Members of the LGBT community have recaptured the terminology 'queer' as it becomes a new area of study allowing LGBTQA to re-examine how we look at lifestyle. But as the queer theorist Thomas Piontek (2006) has discussed – through the prism of identity and its discontents the field (queer) studies modelled itself on other areas such as ethnic studies programs, perhaps to be intelligible to the university community – this conference aims to see the other interdisciplinary connections and approaches to queer. With the advent of queer theory, there are now many perspectives available that frequently find themselves at odds with the traditional, and while fashion has been one of them, this conference hopes to examine all areas, representations and expressions of queer

culture found in style, art, exhibition, religion, education, the humanities, health, medicine, business, social sciences, everyday lifestyles, practice-based disciplines and other various forms that are indicators of this phenomenon. We welcome all disciplines throughout the university as this conference will be free to all those who are affiliates of Drexel! Abstracts from those at Drexel are due February 1, 2021. [Fashion, Style & Queer Culture Conference](#)

Online Resources and Links



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- [Office of Research & Innovation](#)
 - [Find Your Pre-Award Program Administrator](#)
 - [Resources and Forms](#)
 - [Response to the COVID-19 Pandemic and Research Ramp-Up Guidance](#)
 - [Contact members of the Office of Research & Innovation](#)
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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 Us.](#)

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