Letter from the Director

April showers have given way to May flowers and the end of Spring 2021 semester is upon us! I hope this issue of Eye On Research finds you all healthy and looking forward to COVID-vaccinated summer fun. The SPAR staff are all well and have been busy working on your proposals and programming to help you all.

As the final issue for the 2020-2021 academic year, there’s lots to report. This semester, two faculty members, Pablo Soberon-Bravo and Adam Sheffer, both in Mathematics, were awarded federal grants for their research and in support of undergraduate research experiences, from the National Science Foundation (NSF). They are each being featured in Eye On Research this month. Please join me in congratulating them!

PSC-CUNY award announcements were made and Baruch College faculty received 95 TRAD-A and TRAD-B awards with a success rate of 86%. This is a significant achievement given the additional stressors and challenges of 2020. We are very proud of your efforts. All awards will begin on July 1, 2021. SPAR will send correspondence to each awardee with information on policies and procedures for utilization of these funds. There will also be webinars to supply learning opportunities for first-time and retuning awardees who would like a refresher.

The research Summer Salary process was changed last year! Since initiated during the COVID-19 pandemic with great success and increased efficiencies, use will continue. SPAR’s Summer Salary webpage has been updated with the new process and payment schedule. Detailed information is included in this issue. A training module is scheduled for May 19th to provide all stakeholders an opportunity to learn about their role in the process.

Finally, I want to say “Thank you!” to all those who attended SPAR, CUNY and RFCUNY sponsored webinars and continue to submit proposals. Your efforts are appreciated and drive the research enterprise forward. Please feel free to reach out to any member of the SPAR team with any questions or concerns you may have. Have a great summer!

Zolicia R. Abotsi
Director, Office of Sponsored Programs and Research

Upcoming Events

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<tr>
<th>Event</th>
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<tr>
<td>Summer Salary Webinar</td>
<td>05/19/2021</td>
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<td>12:30 - 2:00 PM</td>
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<td>Funding Friday:</td>
<td>06/04/2021</td>
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<tr>
<td>Boosting your Scholarly</td>
<td>12:00 - 1:00 PM</td>
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<td>Profile Online</td>
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Workshops will be delivered remotely. The link to these workshops will be distributed by RSVP to SPARRSVP@baruch.cuny.edu
Ace your Broader Impacts Section and Score that NSF Award

In an National Science Foundation (NSF) proposal, the Broader Impacts statement is a critical component of your project. Its purpose is to strengthen the relationship between the science community and society.

How does your research impact society? Projects funded by the US. National Science Foundation are accountable to taxpayers for conducting research. Projects funded by the NSF are intended to impact the public good, thereby benefitting the economy, society and discovery itself. This is what NSF defines as “Broader Impacts.”

If you feel intimidated about writing the Broader Impact section on your proposal, you are not alone. Program Officers at NSF have put together a list of tips in the link below to help PIs with their Broader Impacts statement.

NSF 101: Five tips for your Broader Impacts statement.

NEW AWARDS

DEPT. OF MATHEMATICS

Pablo Soberon-Bravo - National Science Foundation - $195,094

“Topology and Linear Algebra in Discrete Geometry”

The goal of this project is to clarify the connection between combinatorics and other areas of mathematics. The PI will establish new ways to apply tools from topology and linear algebra to combinatorial problems. We focus on geometric problems regarding intersection patterns of families of convex sets, combinatorial properties of finite sets of points, and geometric extremal combinatorics. Many of the problems chosen are also relevant in computational geometry. We will show how quantitative versions of Helly’s theorem can be used to build a bridge between combinatorial geometry and analysis. The project includes many opportunities to mentor undergraduate students in mathematical research.

Adam Sheffer - National Science Foundation - $30,000

“The Polymath Jr. Program”

The Polymath Jr Program will provide a remote research experience to 420 undergraduates from around the world during the summer 2021. This highly inclusive program supports students who do not have summer opportunities, as a result of the pandemic or due to other difficulties. It also trains a group of graduate students in mentoring undergraduate research. The program is voluntarily run by math professors from all over the country. The funds of the grant are aimed towards the student participants in this program.

How to submit summer salary?

All Baruch faculty and staff receiving summer salary payments from their research grants or department funds that are administered by the Research Foundation must adhere to the following procedures:

1. Complete the CUNY Summer Multiple Position Form.
2. Submit your completed Multiple Position Policy Summer Assignments Reporting Form (SARF, signed by your department chair) to the SPAR Office to facilitate approval of the entered appointment.
3. After RF approved, you will receive notification email from the RFCUNY Summer Salary System.
4. Principal Investigators and/or Project Directors will be required to log-in to the Research Foundation's Summer Salary system after the end of each pay period to submit your “Payment Authorization” request for that specific period. These must be submitted for payment.
5. If you do not know your log-in info, please send an email to weblogin@rfcuny.org at the Research Foundation. If we do not receive your request by the deadline, then you will not receive your payment on the scheduled pay date.

SPAR is changing the process to submit Summer Salary. Starting for Summer 2020, faculty members should submit their summer salary appointments for each project via the Research Foundation’s Summer Salary system.

A signed CUNY Multiple Position Policy Summer Assignments Reporting form will need to be received by SPAR before the submitted appointment at the beginning of the summer so that appropriate funds may be encumbered on their respective grants.

CUNY/RF Summer Salary Webinar

The SPAR office will be conducting a webinar training on the new Summer Salary Process that was introduced last year. The webinar is scheduled for Wednesday, May 19, 2021 at 12:30 PM to provide all stakeholders an opportunity to learn about the role in the process. We encourage all to attend. A link to access the session will be sent on the day of the webinar for those who RSVP to SPARRSVP@baruch.cuny.edu.
RFCUNY - BARUCH COLLEGE SPAR NEWS

Funding Opportunities Webinar Series for CUNY Faculty
“Boosting Your Scholarly Profile Online”

The Research Foundation of CUNY has organized Research Development Webinar series called “Faculty Funding Fridays”. These monthly webinars offer faculty valuable resources aimed to strengthen their research efforts. Please register at the following link: https://tinyurl.com/e5et7d5a The next Faculty Funding is: Friday is June 4, 12:00-1:00 PM

Megan Wacha, Scholarly Communications Librarian, Office of Library Services

This webinar will support faculty researchers to take control of their online presence by creating a scholarly profile and ensuring that the people that find their work, can read their work. Faculty will learn to effectively share and promote their work online using tools such as CUNY Academic Works, Google Scholar Profiles, and CUNY Academic Commons.

Changes to the Release Time Policy

The percentage effort for a reassigned course when applying to research and/or sponsored funding has been changed to 16.67%. Faculty members of Baruch College seeking to charge reassigned time budgeted in your grant award must:

1. Notify the SPAR office before your course re-assignment takes effect.
2. Complete and sign a RF CUNY Staff Effort Notice. You can download the Staff Effort Notice here.
3. Submit the Staff Effort Notice to the SPAR office for signature.
4. Upon receipt, the SPAR office will send the form to the Research Foundation for processing.

Further information and instructions on the current Release Time Policy can be found here. Any questions please contact Tara Smith at Tara.Smith@baruch.cuny.edu or Zolicia Abotsi at Zolicia.Abotsi@baruch.cuny.edu.

Grants.gov Grant Writing Basics

Learn the basics of Grant writing with the following list of Grants.gov resources for your next grant application.

1. Tips for Proofreading your Grant Application
2. How to Build Credibility with your Budget Narrative
3. Tips for Crafting Need Statements in Federal Grant Proposals

Grants 101: Federal Grant Lifecycle

If you are confused on what a grant means? Or you want to understand the Federal Grant Lifecycle better, click below for a Short Summary of Federal Grants and their lifecycle. https://www.grants.gov/web/grants/learn-grants/grants-101.html

RESEARCH ON CAMPUS

Alex Mills - Narendra Paul Loomba Dept. of Management
“Planning to have a child? What about Climate Change?”

Physicians who specialize in hospital medicine, known as “hospitalists”, constitute the fastest-growing medical specialty in the US. This project is part of a larger research effort involving faculty at Baruch College, Indiana University, and University of Miami to better understand the operational impact of hospitalists’ work patterns. In this project, we study the operational impact of “localized” hospitalists who are assigned to work on a specific unit or floor, versus “float” hospitalists, who are assigned patients in multiple units. Our findings suggest that it may be more important to limit the fraction of days a particular hospitalist floats, rather than the number of patients he or she sees outside the home unit.

Youngdeok Hwang - Paul H. Chook Dept. of Information Systems and Statistics
“Physics-driven Statistics Model for Air Pollution”

Satellite images that use multiple wavelength channels provide measurements of a wide area, which can be crucial for understanding the nature of pollution generation and transport. Those images, however, can be masked by the presence of clouds in the area and contain many missing cells. Our goal is to incorporate the flow of the wind to reconstruct such images. Developed framework can take into account the dynamical evolving wind field in a computationally efficient manner, utilizing a computer strategy called stochastic gradient method. Youngdeok Hwang is an assistant professor of statistics in the Paul H. Chook Department of Information System and Statistics in the Zicklin School of Business. His main research interest is on statistical modeling and experimental design for management and optimization of large scale complex physics systems.

Dispelling the Myths

Recoveries: Where do they come from?

Baruch College collects indirect costs (Facilities and Administrative costs) per its negotiated Federal Indirect Cost Rate Agreement (68.2% on campus and 26.4% off campus projects of Salary and Wages (S&W) expenses). The indirect cost rate on non-Federal projects is determined by the respective Sponsor.

Each grant incurs an administrative fee based on each transaction, which are varied depending on the type of transactions processed by the Research Foundation of CUNY regardless of the indirect cost rate. Upon deduction of the fee from the indirect costs collected, portions of the difference (recovered indirect costs) are returned to the principal investigator 10%, department (15%), school (25%) and general operating budget(Provost-50%) according to the College Recovery Distribution Policy. These funds are deposited into individual accounts, specific to the PI, department and school, based on the distribution policy or specific negotiated arrangements in the case of centers.

Allocation of these funds are made on an annual basis and are based on actual project account expenditures from the Research Foundation’s financial management system.
Conflict of Interest (COI) Form and Training
Please remember to complete a Conflict of Interest form (COI) before submitting a research proposal. NOTE: If you report a conflict, the supplemental form must be submitted simultaneously with the mandatory conflict of interest form. The complete policy and procedures can be found CUNY Conflict of Interest. All investigators engaging in research related to any Public Health Service (PHS) funded grant or contract, Conflicts Committee members, and all CUNY College Conflicts Officers are required to complete the CUNI training in Conflict of Interest (COI).

Responsible Conduct of Research (RCR) Certificate
All CUNY faculty, staff, postdoctoral scholars, graduate and undergraduate students involved in research are required to complete the CITI Program training for Responsible Conduct of Research (RCR). RCR training certificate will be valid for four years. CUNY researchers are required to take a refresher CITI RCR training course every four years. CUNY's Policy on Training in Responsible Conduct of Research is available here. The RCR training can be accessed at CITIProgramRCR. Completed certificate must be sent to the Office of Sponsored Programs and Research at SPAR@baruch.cuny.edu. If you have any question, please contact us. NOTE: SPAR cannot proceed with proposal submission if proof of Responsible Conduct of Research Certificate is not received.

Office of Research Compliance & Outreach
Keisha Peterson is the Director of Research Compliance & Outreach. If you have questions regarding Baruch College's Human Subjects Research Policies, Export Control, and IACUC contact Keisha Peterson at 646-312-2217 or keisha.peterson@baruch.cuny.edu

Human Research Protection Program (HRPP)
The CUNY Human Research Protection Program (HRPP) is responsible for the protection of the rights and welfare of human subjects in research projects conducted at CUNY or by CUNY faculty, staff and students and RF CUNY staff. The complete policies and procedure can be found at https://corp.baruch.cuny.edu/orcoreviewpolicy/

Export Control
CUNY is committed to maintaining an open teaching and research environment that supports the global benefit of our academic and research endeavors. At the same time, the University remains equally committed to complying with export control regulations pertaining to the conduct of our research and the dissemination of its products. https://corp.baruch.cuny.edu/export_control/

Institutional Animal Care and Use Committee (IACUC)
Establishes College/School policies and procedures for the local animal program to ensure compliance with all applicable regulations.

GRANT OPPORTUNITIES
CUNY INTERNAL OPPORTUNITIES
Edward Mallinckrodt Jr. Foundation Grants
1 Junior Faculty Nomination for CUNY

Program Synopsis
The mission of the Mallinckrodt Foundation is to support early-stage investigators engaged in basic biomedical research that has the potential to significantly advance the understanding, diagnosis, or treatment of disease. Mallinckrodt Grants: http://www.mallinckrodtfoundation.org/Guidelines.html

Eligibility Information
The funds are designed to provide faculty members who hold M.D. and/or Ph.D. degrees, and who are in the first to fourth year of a tenure-track position, with support to move the project forward to the point where R01 or other independent funding can be obtained. Applicants with current R01 funding should not apply. The regular grants provide $60,000 per year for a period of up to three years. The grants are not renewable. Institutions may submit one proposal annually.

Deadlines
CUNY White Paper deadline: June 1, 2021
CUNY Committee Decision: June 15, 2021 (anticipated)
Mallinkrodt Foundation proposal deadline: August 1, 2021 5:00pm EST

CUNY Review Procedure
An internal committee comprising CUNY and external faculty will review the 1-2 page lay summary of your research project. Applicants should bear in mind that the Mallinckrodt Board includes non-scientist members, making this summary of particular importance. The summary should include the project's title. Based on the applicant's 1-2 page summary, the CUNY Review Committee will select one faculty member to submit a full proposal. The full project description required for the application is five pages. The selected candidate must coordinate with their college grants office to finalize the budget and submit the application.

White paper submissions must be made via our online system: https://tinyurl.com/hs4wl8sn. The white paper submission must include the following information:
- name of investigator, contact information, and title of project
- 1-2 page project summary for a lay audience
- 5-page NIH biosketch

The internal deadline for LOI submission is 5:00 pm Tuesday, June 1, 2021 via our online site: https://tinyurl.com/hs4wl8sn
We are pleased to announce an opportunity for funding from the Public Interest Technology – University Network (PIT-UN). PIT-UN focuses on advancing the field of Public Interest Technology and the development of civic-minded technologists. As a charter PIT-UN member, CUNY is permitted to submit three (3) proposal for new PIT projects. The top three proposals from the internal white paper challenge will be submitted to PIT-UN on behalf of the University. Full-time faculty and lecturers are eligible to submit proposals. Proposals should clearly address each of the PIT-UN criteria listed in the attached RFP. Frequently Asked Questions are provided by the Network to help guide researchers as they develop their proposal. Please also see the list of past awardees.

Deadline: June 11, 2021 11:59 PM
Application: https://spar.baruch.cuny.edu/wp-content/uploads/sites/37/2021/05/PIT-UN_Challenge-Year-3-RFP.pdf

Public Interest Technology - University Network - Grant Challenge

Con Edison Social and Behavioral Research Award

The CUNY Office of K-16 Initiatives is requesting proposals from social and behavioral research projects in support of Con Edison’s goal of increasing public awareness of gas safety and of the importance of reporting natural gas odors. Eligible projects are those that aim to better understand factors that may or may not prompt community members to contact Con Edison or call 911 when they detect a gas leak or gas odor. Research areas may include but are not limited to:

- Exploring the question that has troubled the utility industry for decades: what does and does not prompt the public to notify a utility or 911 of a detected gas leak?
- Determining the effectiveness of odor alarms vs. nuisance alarms
- Measuring the effectiveness of Con Edison’s current education campaign: Smell Gas, Act Fast
- Assessing the effectiveness of public health messaging
- Enabling utility companies to learn from other public health messaging
- Demonstrating how public awareness programs have guided and influenced human behavior

Faculty researchers in the areas of public health, human and social behavior, and public affairs or any other relevant fields are encouraged to apply. We especially invite applicants from the following: Hunter College’s Urban Planning Department, the Silberman School of Social Work, the Marshall School of Public and International Affairs at Baruch, the CUNY Graduate School of Public Health and Health Policy, the CUNY School of Labor and Urban Studies, and other departments of urban studies. All projects that address human responses to and/or education about the detection and reporting of natural gas odors will be considered.

Deadline: July 12, 2021 11:59 PM
https://www.cuny.edu/research/research-development-programs/faculty-programs/internal-funding/ con-edison-social-behavioral-research-award/
Application: https://ybephbsyus.formstack.com/forms/2021_con_edison_social_behavioral_research_award

National Endowment for the Humanities

Digital Humanities Advancement Grant

Digital Humanities Advancement Grants (DHAG) support innovative, experimental, and/or computationally challenging projects at different stages throughout their lifecycles, from early start-up phases through implementation and sustainability. Experimentation, reuse, and extensibility are hallmarks of this program, leading to innovative work that can scale to enhance scholarly research, teaching, and public programming in the humanities. Proposals are welcome for digital initiatives in any area of the humanities.

Deadline: June 24, 2021 5 PM
https://www.neh.gov/grants/odh/digital-humanities-advancement-grants

External Opportunities

The National Endowment for the Humanities (NEH) Division of Public Programs is accepting applications for the Media Projects program. The purpose of this program is to support collaboration between media producers and scholars to develop humanities content and to prepare documentary films, radio, and podcasts that engage public audiences with humanities ideas in creative and appealing ways. All projects must be grounded in humanities scholarship. Media Projects awards are made at two levels: Development and Production.

Deadline: August 18, 2021 5 PM
https://www.neh.gov/program/media-projects

Short Documentaries

The National Endowment for the Humanities (NEH) Division of Public Programs is currently accepting proposals for the Short Documentaries program. The purpose of the program is to support documentary films up to 30 minutes that engage audiences with humanities ideas in appealing ways. The program aims to extend the humanities to new audiences through the medium of short documentary films. Films must be grounded in humanities scholarship. The Short Documentaries program can support single films or a series of thematically-related short films addressing significant figures, events, or ideas. The proposed film(s) must be intended for regional or national distribution, via broadcast, festivals, and/or online distribution. The subject of the film(s) must be related to “A More Perfect Union”: NEH Special Initiative Advancing Civic Education and Commemorating the Nation’s 250th Anniversary.

Deadline: August 11, 2021 5 PM
https://www.neh.gov/grants/listing/short-documentaries

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Application: https://spar.baruch.cuny.edu/wp-content/uploads/sites/37/2021/05/PIT-UN_Challenge-Year-3-RFP.pdf
GRANT OPPORTUNITIES

The SuRE Program is replacing the SCORE Program.

Support for Research Excellence – First Independent Research (SuRE-First)
SuRE is a research capacity building program designed to develop and sustain research excellence in U.S. higher education institutions that receive limited NIH research support and serve students from groups underrepresented in biomedical research with an emphasis on providing students with research opportunities and enriching the research environment at the applicant institutions. The purpose of SuRE-First awards is to support research grants for faculty investigators who have not had prior independent external research grants. Applications may request up to $125,000 direct costs/year.
Deadline: September 28, 2021 5 PM (annually)

Research Project Grant (Parent R01)
The NIH Research Project Grant supports a discrete, specified, circumscribed project in scientific areas that represent the investigators’ specific interests and competencies and that fall within the mission of the participating NIH Institutes and Centers (ICs). The R01 is the original and historically the oldest, grant mechanism used by the NIH to support health-related research and development. Application budgets are not limited but need to reflect the actual needs of the proposed project. The maximum project period is 5 years. There are three companion opportunities to this Parent Announcement:

- NIH Research Project Grant (Parent R01 Basic Experimental Studies with Humans Required) PA-20-184
- Research Project Grant (Parent R01 Clinical Trial Required) PA-20-183
- Research Project Grant (Parent R01 Clinical Trial Not Allowed) PA-20-185

Deadline: June 5 and October 5, 2021 5 PM

Small Research Grant Program (R03)
The NIH Small Research Grant Program supports discrete, well-defined projects that realistically can be completed in two years and that require limited levels of funding. This program supports different types of projects including, but not limited to, the following: Pilot or feasibility studies; Secondary analysis of existing data; Small, self-contained research projects; Development of research methodology; and Development of new research technology. Applications are assigned to participating Institutes and Centers (ICs) based on receipt and referral guidelines and applications may be assigned to multiple participating ICs with related research interests. Applicants are encouraged to identify a participating IC that supports their area of research via the R03 IC-Specific Scientific Interests and Contact website and contact Scientific/Research staff from relevant ICs to inquire about their interest in supporting the proposed research project.
Deadline: June 16 and October 16, 2021 5PM

Andrew W. Mellon Foundation – The Future of Higher Learning in Prison
The Andrew W. Mellon Foundation invites proposals from organizations and programs in the United States and its territories that focus on the future of higher learning for incarcerated students. These grants will provide support to prison education providers and to organizations that analyze and support that work who seek to expand or stretch in this moment of pandemic-generated crisis and national reckoning on questions of race and justice—and beyond. We seek proposals from organizations who are imagining and implementing visionary educational practices; who are interrogating the linkages between education and liberation; and who place the humanities at the center of their work.
Deadline: August 28, 2021
https://mellon.org/programs/higher-learning/call-proposals-future-higher-learning-prison/?ref=home
**GRANT OPPORTUNITES**

**Henry Luce Foundation - Higher Education Program**
The Higher Education Program welcomes excellent, innovative proposals from colleges and universities and the organizations that support them. The program encourages inquiries from institutions that are less well-resourced and/or that serve disadvantaged or marginalized communities. Higher education program grants have several characteristics:

1) They support projects in the humanities and qualitative social sciences. (There is one exception: projects that seek to support women or to increase the number of women in certain STEM fields are also eligible.;)
2) They support projects aimed at faculty and doctoral students; in general, projects aimed primarily at undergraduates will not be supported; 3) They support team-based projects or institutional initiatives rather than purely individual research projects; such projects or initiatives will seek to have broader impact—on a field or on the sector; 4) The projects they support will not only produce new knowledge but will also model new approaches to the production, dissemination and application of knowledge. Applications must be submitted through the Foundation’s online portal. For questions in advance of completing and submitting the Letter of Inquiry, you may e-mail Mr. Sean Buffington, Program Director for Higher Education at buffington@hluce.org.

**Deadline:** Letters of Inquiry are accepted any time

[https://www.hluce.org/programs/higher-education/](https://www.hluce.org/programs/higher-education/)

To read more about the Foundation’s other programs visit [https://www.hluce.org/programs/](https://www.hluce.org/programs/).

**William T. Grant Foundation - Institutional Challenge Grant**
The award supports research institutions to build sustained research-practice partnerships with public agencies or nonprofit organizations to reduce inequality in youth outcomes. Research institutions will need to address four important goals:

- Build a sustained institutional partnership with a public agency or nonprofit organization that serves young people in the United States.
- Pursue a joint research agenda to reduce inequality in youth outcomes.
- Create institutional change to value the partnership and its work.
- Develop the capacity of the partners to collaborate and use research evidence.

**Deadline:** September 14, 2021 3 PM


**Robert Wood Johnson Foundation - Research in Transforming Health & Health Care Systems**
The purpose of this 2021 RTHS call for proposals is to fund research studies that evaluate or predict how enrollees are affected by Medicaid policy changes enacted in response to the COVID-19 pandemic. Given the disproportionate impact of the pandemic on communities of color, we are requesting studies that examine the impact of Medicaid policies on communities of color and/or explore how current or proposed policies may alleviate or exacerbate racial inequality and structural racism in the context of Medicaid. The goal of this funding opportunity is to generate rigorous evidence on the effects of recent Medicaid policy changes on enrollees, states, and others, and to inform and advance equitable policies and racial equity in Medicaid.

**Deadline:** June 28, 2021 3PM


**National Archives - Access to Historical Records: Major Initiatives**
The National Historical Publications and Records Commission seeks projects that will significantly improve public discovery and use of major historical records collections. The Commission is especially interested in collections of America’s early legal records, such as the records of colonial, territorial, county, and early statehood and tribal proceedings that document the evolution of the nation’s legal history. All types of historical records are eligible, including documents, photographs, born-digital records, and analog audio and moving images. Projects may:

- Digitize historical records collections, or related collections, held by a single institution and make them freely available online
- Provide access to born-digital records
- Create new freely-available virtual collections drawn from historical records held by multiple institutions
- Create new tools and methods for users to access records

The NHPRC welcomes collaborative projects, particularly for bringing together related records from multiple institutions. Projects that address significant needs in the field and result in replicable and scalable approaches will be more competitive. We also encourage organizations to actively engage the public in the work of the project.

**Deadline:** July 13, 2021

[https://www.archives.gov/nhprc/announcement/major-20](https://www.archives.gov/nhprc/announcement/major-20)

**Kress Foundation - Digital Art History Grants**
The Digital Art History Grants program is intended to foster new forms of research and collaboration as well as new approaches to teaching and learning. Support may also be offered for the digitization of important visual resources (especially essential art history photographic archives) in the area of pre-modern European art history; of primary textual sources (especially the literary and documentary sources of European art history); for promising initiatives in online publishing; and for innovative experiments in the field of digital art history.

**Deadline:** September 1, 2021 Letter of Inquiry; October 1, 2021 Full Proposal

The Simons Investigators program aims to provide a stable base of support for outstanding theoretical mid-career scientists, enabling them to undertake long-term investigations of fundamental questions in their fields. Nominations due October 28, 2021.

Deadline: October 28, 2021
https://www.simonsfoundation.org/simons-investigator-program-nominations/

The Foundation's Journalism Fund grants have given professional journalists the funding they need to cover controversial issues with insight and integrity, helped others refresh their skill sets or prepare for entirely new careers in journalism. Grants range from $5,000 to $7,500.

Deadline: September 15, 2021
https://scripps.com/foundation/journalism/grants/

Frank and Lydia Bergen Foundation - Grant

The grants program aims to perpetuate Miss Bergen's love of classical music and support of musical education by providing grants for musical performing arts and musical education. Awards are up to $50,000. Preference will be given to requests for the following:

• Aid worthy students of music to secure complete and adequate musical education
• Aid organizations in their efforts to present fine music to the public, provided that such organizations are operated exclusively for educational purposes.

Deadline: July 15, 2021
https://www.wellsfargo.com/private-foundations/bergen-foundation

Howard Gilman Foundation - Grant

The Howard Gilman Foundation supports a cross-section of New York City-based performing arts organizations of varying structure, style, and budget size. Above all, we are committed to serving geographically and culturally diverse organizations devoted to excellence in both artistic achievement and audience experience. We Fund:

• Professional performing arts organizations (dance companies, theatre companies, music ensembles
• Performing arts presenters
• Service organizations that provide support for the performing arts and performing artists

Deadline: September 14, 2021 Letter of Inquiry
https://howardgilmanfoundation.org/who-we-fund/

American Cancer Society - Institutional Research Grants

Institutional Research Grants are block grants given to institutions as “seed money” for the initiation of projects by promising junior investigators. Awarded to institutions as block grants to provide seed money for newly independent investigators to initiate cancer research projects. The principal investigator of the grant should be a senior faculty member. Funding: 1 to 3 years, with an average of $120K/year, and may be renewed. More American Cancer Society grants: https://www.cancer.org/research/we-fund-cancer-research/apply-research-grant.html

Deadline: October 15, 2021 & April 2022
https://www.cancer.org/research/we-fund-cancer-research/apply-research-grant/grant-types/institutional-research-grants.html

Simons Investigators in Mathematics, Physics, Astrophysics, and Computer Science

The Simons Foundation’s Mathematics and Physical Sciences division invites nominations for Simons Investigators in Mathematics, (Theoretical) Physics, (Theoretical) Astrophysics and Theoretical Computer Science. The Simons Investigators program aims to provide a stable base of support for outstanding theoretical mid-career scientists, enabling them to undertake long-term investigations of fundamental questions in their fields.

Deadline: October 28, 2021
https://www.simonsfoundation.org/simons-investigator-program-nominations/

Scripps Howard Foundation - Journalism Grant

The Howard Gilman Foundation supports a cross-section of New York City-based performing arts organizations of varying structure, style, and budget size. Above all, we are committed to serving geographically and culturally diverse organizations devoted to excellence in both artistic achievement and audience experience. We Fund:

• Professional performing arts organizations (dance companies, theatre companies, music ensembles
• Performing arts presenters
• Service organizations that provide support for the performing arts and performing artists

Deadline: September 14, 2021 Letter of Inquiry
https://howardgilmanfoundation.org/who-we-fund/
NSF Grants

Improving Undergraduate STEM Education and Human Resources

The National Science Foundation (NSF) plays a leadership role in developing and implementing efforts to enhance and improve STEM education in the United States. Through the NSF Improving Undergraduate STEM Education (IUSE) initiative, the agency continues to make a substantial commitment to the highest caliber undergraduate STEM education through a Foundation-wide framework of investments. The IUSE: EHR is a core NSF STEM education program that seeks to promote novel, creative, and transformative approaches to generating and using new knowledge about STEM teaching and learning to improve STEM education for undergraduate students. The program is open to application from all institutions of higher education and associated organizations. NSF places high value on educating students to be leaders and innovators in emerging and rapidly changing STEM fields as well as educating a scientifically literate public. In pursuit of this goal, IUSE: EHR supports projects that seek to bring recent advances in STEM knowledge into undergraduate education, that adapt, improve, and incorporate evidence-based practices into STEM teaching and learning, and that lay the groundwork for institutional improvement in STEM education. In addition to innovative work at the frontier of STEM education, this program also encourages replication of research studies at different types of institutions and with different student bodies to produce deeper knowledge about the effectiveness and transferability of findings.

Deadline: August 18, 2021 5 PM

Economics

The Economics program supports research designed to improve the understanding of the processes and institutions of the U.S. economy and of the world system of which it is a part. This program also strengthens both empirical and theoretical economic analysis as well as the methods for rigorous research on economic behavior. It supports research in almost every area of economics, including econometrics, economic history, environmental economics, finance, industrial organization, international economics, labor economics, macroeconomics, mathematical economics, and public finance. The program places a high priority on interdisciplinary research. Investigators are encouraged to submit proposals of joint interest to the Economics Program and other NSF programs and NSF initiative areas. The program places a high priority on broadening participation and encourages proposals from junior faculty, women, other underrepresented minorities, Research Undergraduate Institutions, and EPSCoR states.

Deadline: August 18, 2021 5 PM

Coastlines and People Hubs for Research and Broadening Participation

Scientific research into complex coastal systems and the interplay with coastal hazards is vital for predicting, responding to and mitigating threats in these regions. Understanding the risks associated with coastal hazards requires a holistic Earth Systems approach that integrates improved understanding of and, where possible, predictions about natural, social, and technological processes with efforts to increase the resilience of coastal systems. The Coastlines and People program supports diverse, innovative, multi-institution awards that are focused on critically important coastlines and people research that is integrated with broadening participation goals. The objective of this solicitation is to support Coastal Research Hubs, structured using a convergent science approach, at the nexus between coastal sustainability, human dimensions, and coastal processes to transform understanding of natural, social, and technological processes with efforts to increase the resilience of coastal systems. Understanding the risks associated with coastal hazards requires a holistic Earth Systems approach that integrates improved understanding of and, where possible, predictions about natural, social, and technological processes with efforts to increase the resilience of coastal systems. The Coastlines and People program supports diverse, innovative, multi-institution awards that are focused on critically important coastlines and people research that is integrated with broadening participation goals. The objective of this solicitation is to support Coastal Research Hubs, structured using a convergent science approach, at the nexus between coastal sustainability, human dimensions, and coastal processes to transform understanding of interactions among natural, human-built, and social systems in coastal, populated environments.

Deadline: August 10, 2021 5 PM Letter of Intent; September 9, 2021 5 PM Full proposal

Biological Anthropology

The Biological Anthropology Program supports basic research in areas related to human evolution and contemporary human biological variation. Research areas supported by the program include, but are not limited to, human genetic variation, human and nonhuman primate ecology and adaptability, human osteology and bone biology, human and nonhuman primate paleontology, functional anatomy, and primate sociocoevolution. Grants supported in these areas are united by an underlying evolutionary framework, and often by a consideration of adaptation as a central theoretical theme. Proposals may also have a biocultural or bioarchaeological orientation. The program frequently serves as a bridge within NSF between the social and behavioral sciences and the natural and physical sciences, and proposals commonly are jointly reviewed and funded with other programs.

Deadline: July 20, 2021 5 PM

GRANT OPPORTUNITIES

NSF Grants

Law & Science

The Law & Science Program considers proposals that address social scientific studies of law and law-like systems of rules, as well as studies of how science and technology are applied in legal contexts. The Program is inherently interdisciplinary and multi-methodological. Successful proposals describe research that advances scientific theory and understanding of the connections between human behavior and law, legal institutions, or legal processes; or the interactions of law and basic sciences, including biology, computer and information sciences, STEM education, engineering, geosciences, and math and physical sciences. Scientific studies of law often approach law as dynamic, interacting with multiple arenas, and with the participation of multiple actors. Fields of study include many disciplines, and often address problems including, though not limited to:

- Crime, Violence, and Policing
- Cyberspace
- Economic Issues
- Environmental Science
- Evidentiary Issues
- Forensic Science
- Governance and Courts
- Human Rights and Comparative Law
- Information Technology
- Legal and Ethical Issues related to Science
- Legal Decision Making
- Legal Mobilization and Conceptions of Justice
- Litigation and the Legal Profession
- Punishment and Corrections
- Regulation and Facilitation of Biotechnology (e.g., Gene Editing, Gene Testing, Synthetic Biology) and Other Emerging Sciences and Technologies
- Use of Science in the Legal Processes

https://nsf.gov/funding/pgm_summ.jsp?pims_id=505704&org=NSF&sel_org=NSF&from=fund

Deadline: August 2, 2021 5 PM

https://nsf.gov/funding/pgm_summ.jsp?pims_id=505704&org=NSF&sel_org=NSF&from=fund

NSF Grants

Perception, Action & Cognition

The PAC program funds theoretically motivated research on a wide-range of topic areas related to typical human behavior with particular focus on perceptual, motor, and cognitive processes and their interactions. Central research topics for consideration by the program include (but are not limited to) vision, audition, haptics, attention, memory, written and spoken language, spatial cognition, motor control, categorization, reasoning, and concept formation. Of particular interest are emerging areas, such as the interaction of sleep or emotion with cognitive or perceptual processes, epigenetics of cognition, computational models of cognition, and cross-modal and multimodal processing. The program welcomes a wide range of perspectives, such as individual differences, symbolic and neural-inspired computation, ecological approaches, genetics and epigenetics, nonlinear dynamics and complex systems, and a variety of methodologies spanning the range of experimentation and modeling. The PAC program is open to co-review of proposals submitted to other programs both within the Social, Behavioral, and Economic Sciences Directorate and across other directorates. Note: Proposals may be returned without review if the major focus is 1) the organization of neural activity or brain networks; 2) understanding clinical populations; or 3) non-human animals without a clear and direct impact on our understanding of human perception, action, or cognition. Investigators are encouraged to send the program director a one-page summary of the proposed research before submitting a proposal, in order to determine its appropriateness for the PAC program.

Deadline: August 2, 2021 5 PM


Cognitive Neuroscience

Cognitive neuroscience is an interdisciplinary field of research to understand the neural basis of human cognition. The cognitive neuroscience program therefore seeks to fund highly innovative proposals that employ brain-based measurements in order to advance our understanding of the neural systems that mediate cognitive processes. Human cognitive science encompasses a wide range of topics, including attention, learning, memory, decision-making, language, social cognition, and emotions. Proposals will be considered that investigate a particular cognitive process using human brain data.

Deadline: August 13, 2021 5 PM

Improving Undergraduate STEM Education: Hispanic-Serving Institutions
The goals of the HSI program are to enhance the quality of undergraduate science, technology, engineering, and mathematics (STEM) education and to increase the recruitment, retention, and graduation rates of students pursuing associate’s or baccalaureate degrees in STEM. Achieving these, given the diverse nature and context of the HSIs, requires additional strategies that support building capacity at HSIs through innovative approaches: to incentivize institutional and community transformation; and to promote fundamental research (i) on engaged student learning, (ii) about what it takes to diversify and increase participation in STEM effectively, and (iii) that improves our understanding of how to build institutional capacity at HSIs through STEM effectively, and (iii) that improves our understanding of how to build institutional capacity at HSIs.

Deadline: September 25, 2021 5PM

Science and Technology Studies
The Science and Technology Studies (STS) program supports research that uses historical, philosophical, and social scientific methods to investigate the intellectual, material, and social facets of the scientific, technological, engineering and mathematical (STEM) disciplines. It encompasses a broad spectrum of topics including interdisciplinary studies of ethics, equity, governance, and policy issues that are closely related to STEM disciplines.

Deadline: August 3, 2021 5 PM

The Chemical Oceanography Program supports research into the chemistry of the oceans and the role of cal, biological, and geological processes.

Deadline: August 16, 2021 5 PM

Security and Preparedness
The Security and Preparedness (SAP) Program supports basic scientific research that advances knowledge and understanding of issues broadly related to global and national security. Research proposals are evaluated on the criteria of intellectual merit and broader impacts; the proposed projects are expected to be theoretically motivated, conceptually precise, methodologically rigorous, and empirically oriented. Substantive areas include (but are not limited to) international relations, global and national security, human security, political violence, state stability, conflict processes, regime transition, international and comparative political economy, and peace science. Moreover, the Program supports research experiences for undergraduate students and infrastructural activities, including methodological innovations. The Program does not fund applied research. In addition, we encourage you to examine the websites for the National Science Foundation’s Accountable Institutions and Behavior (AIB) and Law and Science (LS) programs.

Deadline: August 16, 2021 5 PM

The Accountable Institutions and Behavior (AIB) Program supports basic scientific research that advances knowledge and understanding of issues broadly related to attitudes, behavior, and institutions connected to public policy and the provision of public services. Research proposals are expected to be theoretically motivated, conceptually precise, methodologically rigorous, and empirically oriented. Substantive areas include (but are not limited to) the study of individual and group decision-making, political institutions (appointed or elected), attitude and preference formation and expression, electoral processes and voting, public administration, and public policy. This work can focus on a single case or can be done in a comparative context, either over time or cross-sectionally. The Program does not fund applied research. The Program also supports research experiences for undergraduate students and infrastructural activities, including methodological innovations. In addition, we encourage you to examine the websites for the National Science Foundation’s Law and Science (LS) and Security and Preparedness (SAP) programs.

Deadline: August 16, 2021 5 PM

The Faculty Early Career Development Program (CAREER) Program is a Foundation-wide activity that offers the National Science Foundation’s most prestigious awards in support of early-career faculty who have the potential to serve as academic role models in research and education and to lead advances in the mission of their department or organization. Activities pursued by early-career faculty should build a firm foundation for a lifetime of leadership in integrating education and research. NSF encourages submission of CAREER proposals from early-career faculty at all CAREER-eligible organizations and especially encourages women, members of underrepresented minority groups, and persons with disabilities to apply.

Deadline: July 26, 2021

The Chemical Oceanography Program supports research into the chemistry of the oceans and the role of the oceans in global geochemical cycles. Areas of interest include chemical composition, speciation, and biological, and geological processes.

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Deadline: July 26, 2021
The Sociology Program supports basic research on all forms of human social organization -- societies, institutions, groups, and demography -- and processes of individual and institutional change. The Program encourages theoretically focused empirical investigations aimed at improving the explanation of fundamental social processes. Included in research on organizations and organizational behavior, population dynamics, social movements, social groups, labor force participation, stratification and mobility, family, social networks, socialization, gender, race, and the sociology of science and technology: The Program supports both original data collections and secondary data analysis that use the full range of quantitative and qualitative methodological tools. Theoretically grounded projects that offer methodological innovations and improvements for data collection and analysis are also welcomed. Projects are evaluated using the two Foundation-wide criteria, intrinsic merit and broader impacts. In assessing the intrinsic merit of proposed research, four components are key to securing support from the Sociology Program: (1) the issues investigated must be theoretically grounded; (2) the research should be based on empirical observation or be subject to empirical validation or illustration; (3) the research design must be appropriate to the questions asked; and (4) the proposed research must advance our understanding of social processes, structures and methods.

**Deadline: August 16, 2021 5 PM**


**Human-Environment and Geographical Sciences Program (HEGS)**

The objective of the Human-Environment and Geographical Sciences (HEGS) Program is to support basic scientific research about the nature, causes, and/or consequences of the spatial distribution of human activity and/or environmental processes across a range of scales. Projects about a broad range of topics may be appropriate for support if they enhance fundamental geographical knowledge, concepts, theories, methods, and their application to societal problems and concerns. Recognizing the breadth of the field's contributions to science, the HEGS Program welcomes proposals for empirically grounded, theoretically engaged, and methodologically sophisticated geographical research. National Science Foundation's mandate is to support science, the HEGS Program welcomes proposals for empirically grounded, theoretically engaged, and methodologically sophisticated geographical research. National Science Foundation's mandate is to support science, the HEGS Program welcomes proposals for empirically grounded, theoretically engaged, and methodologically sophisticated geographical research. National Science Foundation's mandate is to support science, the HEGS Program welcomes proposals for empirically grounded, theoretically engaged, and methodologically sophisticated geographical research.

**Deadline: August 17, 2021 5 PM**


**Decision, Risk and Management Sciences**

The Decision, Risk and Management Sciences program supports scientific research directed at increasing the understanding and effectiveness of decision making by individuals, groups, organizations, and society. Disciplinary and interdisciplinary research, doctoral dissertation research improvement grants (DDRIGs), and conferences are funded in the areas of judgment and decision making; decision analysis and decision aids; risk analysis, perception, and communication; societal and public policy decision making; management science and organizational design.

**Deadline: August 18, 2021 5 PM**


**Research Experiences for Undergraduates (REU)**

The Research Experiences for Undergraduates (REU) program supports active research participation by undergraduate students in any of the areas of research funded by the National Science Foundation. REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program. This solicitation features two mechanisms for support of student research: (1) REU Sites are based on independent proposals to initiate and conduct projects that engage a number of students in research. REU Sites may be funded in a single discipline or academic department or may offer interdisciplinary or multi-department research opportunities with a coherent intellectual theme. Proposals with an international dimension are welcome. (2) REU Supplements may be included as a component of proposals for new or renewal NSF grants or cooperative agreements or may be requested for ongoing NSF-funded research projects.

**Deadline: August 28, 2021 5 PM**


**Science of Organizations**

Organizations -- private and public, established and entrepreneurial, designed and emergent, formal and informal, profit and nonprofit -- are critical to the well-being of nations and their citizens. They are of crucial importance for producing goods and services, creating value, providing jobs, and achieving social goals. The Science of Organizations (SoO) program funds basic research that yields a scientific evidence base for improving the design and emergence, development and deployment, and management and ultimate effectiveness of organizations of all kinds. SoO funds research that advances our fundamental understanding of how organizations develop, form and operate. Successful SoO research proposals use scientific methods to develop and refine theories, to empirically test theories and frameworks, and to develop new measures and methods. Funded research is aimed at yielding generalizable insights that are of value to the business practitioner, policy-maker and research communities.

**Deadline: September 3, 2021 5 PM**

https://nsf.gov/funding/pgm_summ.jsp?pims_id=504696&org=NSF&sel_org=NSF&from=fund
Methodology, Measurement, and Statistics (MMS) Program is an interdisciplinary program in the Directorate for Social, Behavioral, and Economic Sciences that supports the development of innovative analytical and statistical methods and models for those sciences. MMS seeks proposals that are methodologically innovative, grounded in theory, and have potential utility for multiple fields within the social, behavioral, and economic sciences. As part of its larger portfolio, the MMS Program partners with a consortium of federal statistical agencies to support research proposals that further the production and use of official statistics. The MMS Program provides support through a number of different funding mechanisms.

Deadline: August 26, 2021 5 PM

Mathematical Biology
The Mathematical Biology Program supports research in areas of applied and computational mathematics with relevance to the biological sciences. Successful proposals are mathematically innovative and address challenging problems of interest to members of the biological community. Some projects of interest to the Mathematical Biology Program may include development of mathematical concepts and tools traditionally seen in other disciplinary programs within the Division of Mathematical Sciences, e.g., topology, probability, statistics, computational mathematics, etc.

Deadline: September 6, 2021 5 PM

Probability
The Probability Program supports research on the theory and applications of probability. Subfields include discrete probability, stochastic processes, limit theory, interacting particle systems, stochastic differential and partial differential equations, and Markov processes. Research in probability which involves applications to other areas of science and engineering is especially encouraged.

Deadline: September 27, 2021 5 PM

Combinatorics
The Combinatorics program supports research on discrete structures and includes algebraic, enumerative, existential, extremal, geometric, and probabilistic combinatorics, including graph theory.

Deadline: September 28, 2021 5 PM
https://nsf.gov/funding/pgm_summ.jsp?pims_id=503570&org=NSF&sel_org=NSF&from=fund

EHR Core Research
The EHR Core Research program (ECR) invites proposals for fundamental research (basic research or use-inspired basic research) that advances knowledge in one or more of the three Research Tracks: Research on STEM Learning and Learning Environments, Research on Broadening Participation in STEM fields, and Research on STEM Workforce Development. The ECR program places emphasis on the rigorous development of theory and accumulation of knowledge to inform efforts to address challenges in STEM interest, learning, and participation, for all groups and all ages in formal and informal settings. This emphasis includes research on advancing evaluative methodologies to support research efforts funded through ECR.

ECR supports a wide range of research activities. ECR seeks to fund fundamental research that could involve the collection of new qualitative or quantitative data, secondary analyses using extant datasets, or meta-analyses. In addition, ECR supports research to develop innovative research methods, metrics, and conceptual models to measure existing and emerging phenomena, and to test theories that inform core scientific questions about STEM education and learning. The three levels of funding should align with the maturity of the proposed work, the size and scope of the empirical effort, and the capacity of the team to conduct the proposed research: (1) Level I proposals: have a maximum award size of $500,000 and a maximum duration of 3 years; (2) Level II proposals have a maximum award size of $1,500,000 and a maximum duration of 3 years; (3) Level III proposals have a maximum award size of $2,500,000 and a maximum duration of 5 years.

Deadline: October 7, 2021 5 PM

Racial Equity in STEM Education
Persistent racial injustices and inequalities in the United States have led to renewed concern and interest in addressing systemic racism. The National Science Foundation (NSF) Directorate for Education and Human Resources (EHR) seeks to support bold, ground breaking, and potentially transformative projects addressing systemic racism in STEM. Proposals should advance racial equity in science, technology, engineering, and mathematics (STEM) education and workforce development through research (both fundamental and applied) and practice. Core to this funding opportunity is that proposals are led by, or developed and led in authentic partnership with, individuals and communities most impacted by the inequities caused by systemic racism. The voices, knowledge, and experiences of those who have been impacted by enduring racial inequities should be at the center of these proposals, including in, for example: project leadership and research positions, conceptualization of the proposal, decision-making processes, and the interpretation and dissemination of evidence and research results. The proposed work should provide positive outcomes for the individuals and communities engaged and should recognize peoples’ humanity, experiences, and resilience. Proposals need to consider systemic barriers to opportunities and benefits, and how these barriers impact access to, retention in, and success in STEM education, research, and workforce development.

Deadline: October 12, 2021 5 PM

Combinatorics
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Deadline: September 28, 2021 5 PM
https://nsf.gov/funding/pgm_summ.jsp?pims_id=503570&org=NSF&sel_org=NSF&from=fund

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https://nsf.gov/funding/pgm_summ.jsp?pims_id=503570&org=NSF&sel_org=NSF&from=fund
GRANT OPPORTUNITIES

**NSF Grants**

**Foundations**

The program in Foundations supports research in mathematical logic and the foundations of mathematics, including proof theory, recursion theory, model theory, set theory, and infinitary combinatorics.

**Deadline: May 28 2021, 5 PM**


**Analysis**

The Analysis Program supports research in analysis. Areas of current activity include complex, harmonic, and real analysis; dynamical systems and ergodic theory; functional analysis; mathematical physics; operator theory and operator algebras; partial differential equations and calculus of variations.

**Deadline: September 30, 2021 5 PM**


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