Letter from the Director

Welcome back! With 2020 behind us, I hope you all enjoyed your break and are having a productive start to the Spring semester.

I would like to thank all those faculty members who submitted PSC-CUNY proposals. With ninety-nine (99) proposal submissions, Baruch is among the leading applicant institutions CUNY-wide.

SPAR has been busy at work lining up exciting talks and learning opportunities for the faculty researchers and all those interested in learning more about what we in SPAR do to facilitate and support your research endeavors.

John Tsapogas, Director of the Research Foundation’s (RF) Office of Award Pre-Proposal Support (APPS) and former National Science Foundation Program Officer, will lead two featured presentations this semester. One focusing on The National Institutes of Health (NIH) Support for Research Excellence (SuRE) program and the other, specifically on funding opportunities relevant to faculty members in the Zicklin School of Business. Detailed information will be included in subsequent issues.

Virtual trainings on RFCUNY’s various electronic systems will continue to be available upon request. Training modules give all stakeholders an opportunity to learn about issues that will impact their role in the process.

In addition to these “must see” events, there will be talks regarding post-award on 3/11, and pre-award on 3/18. If you are interested in attending any of these presentations, please RSVP to SPARRSVP@baruch.cuny.edu. I hope you enjoy this publication and I look forward to working with you this semester.

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

Support for Research Excellence (SuRE) is replacing the SCORE Program

The National Institutes of Health (NIH) has recently announced that it will publish a Funding Opportunity Announcement (FOA) to solicit applications for research as part of the Support for Research Excellence (SuRE) Program. The SuRE Program is replacing the SCORE Program. See links for detailed information such as publishing and submission schedule:

Baruch College submitted a total of 99 applications to the PSC-CUNY Research Award Cycle 52. Awarded applications will be announced on April 15 for Traditional A and B, and May 15 for Enhanced.

CUNY Interdisciplinary Research Grant

WEISSMAN SCHOOL OF ARTS AND SCIENCES
Mindy Engle-Friedman - Dept. of Psychology - $40,000 - Baruch Climate Scholars: Assessment of a Program to Develop Climate Innovators and Leaders

Matthew Junge - Dept. of Mathematics - $37,163 - Modeling COVID-19 Spread in Urban Universities

MARXE SCHOOL OF INTERNATIONAL AND PUBLIC AFFAIRS
Frank Heiland - $40,000 - Excess Mortality during the COVID-19 Pandemic among the Poorest New Yorkers: A Demographic Analysis of Hart Island Death Records

Na Yin - $39,957 - Synergistic impacts of COVID-19 and air pollution on the respiratory health and quality of life of COVID-19 survivors

Robert Smith - $40,000 - How Has the Pandemic Affected Mostly Undocumented Parents and their Mostly US Citizen Children in New York?

Brysn Jones - $39,737 - Developing Socioeconomic Scenario Narratives Consistent with Alternative Climate Futures for New York City

ZICKLIN SCHOOL OF BUSINESS

CUNY Junior Faculty Research Award

WEISSMAN SCHOOL OF ARTS AND SCIENCES
Matthew Junge - Dept. of Mathematics - $50,000
Krista Dobi - Dept. of Natural Sciences - $39,985
Christopher Stults - Dept. of Psychology - $50,000
Pablo Soberon-Bravo - Dept. of Mathematics - $50,000
Zachary Calamari - Dept. of Natural Sciences - $50,000

ZICKLIN SCHOOL OF BUSINESS
Bohdan Kukharskyy - Bert W. Wasserman Dept. of Economics & Finance - $50,000

EXTERNAL

WEISSMAN SCHOOL OF ARTS AND SCIENCES
Angela Pinto - Dept. of Psychology - Geisinger Health System/NIH - $325,610 - Efficacy of a virtual simulation app to train pediatricians in motivational interviewing to communicate with families about healthy weight behaviors

Cataherine Good & Maya Godbole (Ph.D. Student) - Dept. of Psychology - NSF - $1,005,312 - The science of sex discrimination policies: The effect of evidence-based policies on organizational climate, identity threat, and equitable gender participation

Julie Dinh - Dept. of Psychology - Society for Industrial Organization Psychology (SIOP) - $12,429 - Performativity or practice? Evaluating recent diversity, equity, and inclusion messaging and initiatives in I-O graduate programs

Jamal Jalilian-Marian - Dept. of Natural Science - U.S. Dept. of Energy - $738,895 - High-Energy QCD in Heavy-Ion Collisions

Total Requested: $2,112,246

MARXE SCHOOL OF INTERNATIONAL AND PUBLIC AFFAIRS
Jessica Greene - Robert Wood Johnson Foundation - $99,995 - Learning from RWJF Grants to Improve Monitoring of Medicaid by Engaging People on the Ground about their Experiences with the Program

Deborah Balk - NSF/University of Colorado Boulder - $313,374 - Collaborative Research: HNDS-I: HiSPLUS - Historical Settlement and Population Layers for the United States

Michael Seltzer - New York Community Trust - $465,000 - New York Community Trust Leadership Fellowships

Rahul Pathak - Collaborative Africa Budget Reform Initiative - $38,000 - Tracking Budget Performance in the African States: Africa Fiscal Database, Phase 1

Total Requested: $916,369
Funding Opportunities Webinar Series for CUNY Faculty

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. View the calendar of events here. Please register at the following link: https://www.cuny.edu/research/faculty-resources/funding-fridays/ The next Faculty Funding is:

Friday is March 5, 12:00-1:00PM “Budgeting for Federal Agency Grants”
Melissa Lazo, Associate Director, Advanced Science Research Center
Poline Papoulis, Director, Office of Research and Sponsored Programs, Queens College
This webinar will provide faculty a better understanding of how to develop pre-award budgets to reflect the funding needed to carry out their proposed projects.

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.
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.

RF’s Fringe Benefits Increases

The Research Foundation of CUNY provides a variety of fringe benefits to its employees, such as health insurance, unemployment, and workers’ compensation among other employee benefits. The cost of these benefits are expressed as a rate by employee class. Rates are determined by creating a pool of benefit costs for each employee class and dividing by the related salary base for the fiscal period.

The Research Foundation of CUNY has announced that effective April 1st, 2021 the following fringe benefit rates will change:

| Full-time and Part-time A employees | From the current 35.0% to 38.0% |
| Part-time B employees | From the current 8.0% to 9.0% |

These increases result from the negative impact on the Research Foundation’s fringe benefit pool by rising unemployment and health care cost related to COVID-19. The Research Foundation will continue to monitor fringe benefit rates and propose adjustments, as needed. For questions, please contact Lisa_DeStefano@rfcuny.org.

SPAR Grant Proposal Submission Policy

SPAR’s guidelines for proposal submission require that SPAR be informed of intentions to submit an application with enough time in advance of the funding agency’s deadline.

A complete and final proposal package, accompanied by all necessary School approvals must be received by the Office of Sponsored Programs and Research (SPAR) at least five (5) full business days prior to the sponsor’s due date (or, electronic submission due time). This is to ensure there is sufficient time for a thorough* review prior to submission to the sponsoring agency.

The sponsor’s due date is defined as the date and time outlines by the sponsor in their RFP. In cases where Baruch College is a subcontractor subaward, the sponsor’s due date will be determined by the submitting institution.

If Baruch College internal deadlines are not met and SPAR has insufficient time for minimal** review, the proposal will not be submitted.

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*Thorough review constitutes:
1. Discussion with the PI regarding project goals, budget alignment with said goals for maximization of project outcomes per the RFP.
2. Assessment for compliance with all Baruch College, CUNY and Federally required research compliance requirements applicable. i.e. IRB, IACUC, COI, RCR and Export Control.

**Minimal review constitutes:
1. Ensuring all proposal components are present and formatted per the RFP.
2. Proposal is in compliance with Baruch College, CUNY and Federally required research compliance requirements applicable. i.e. IRB, IACUC, COI, RCR and Export Control.

This policy will apply to all applications for external funding, regardless of funding source (federal and non-federal) or submission method.

SPAR asks that the engagement timeline shown below be followed to ensure that every proposal is of the highest quality for submission and potential success.

<table>
<thead>
<tr>
<th>When to Contact SPAR (in Advance of Sponsor Deadline)</th>
<th>As soon as known or at least 10 Business Days before due date</th>
<th>5 Business Days</th>
<th>2 Business Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>What to send to SPAR?</td>
<td>• Notice/e-mail of intent to submit a proposal.</td>
<td>• Completed Internal Approval form.</td>
<td>• Final Application must be submitted with any revisions/recommendations requested by SPAR</td>
</tr>
<tr>
<td></td>
<td>• Funding Opportunity Announcement (FOA) link</td>
<td>• Compliance documents (COI, RCR, IRB proof, where applicable)</td>
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<tr>
<td></td>
<td>• Complete Application Narrative &amp; all other technical components of proposal.</td>
<td>• Final Budget and Budget Narrative/justification</td>
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</tr>
</tbody>
</table>

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ON RESEARCH
Engage with SPAR with MS Teams

SPAR has adopted MS Teams to facilitate the interaction and support we provide to Baruch faculty, staff, and administrators. We ask that all faculty members and staff download and claim their MS Teams accounts at CUNY Web Applications Login page, with your CUNYFirst login ID and password to be able to better engage with the Office of Sponsored Programs and Research. Need help? Find it here.

MS Teams allows you to:
• View staff availability.
• Call any SPAR staff member directly via Teams voice call.
• Conference call an individual or multiple people inside CUNY.
• Send a quick question in Teams chat for an instant response.
• Screen share for walk-through assistance.

Teams also allows SPAR to create a real time centralized “Research Faculty” Team that will serve as a repository for guidance, workshops and research discussion topics. Upon activation of your MS Teams account, SPAR will add you to this Team to allow you access.

RFCUNY’s Proposal Peer Review Service

The APPS’ Proposal Peer Review service at the Research Foundation, CUNY (RFCUNY) will expand the services it offers beyond NSF and some NIH grants to include proposals from all different academic disciplines, for all different types of funder types. Although this new service emphasizes support for developing proposals to all NSF programs, NIH programs, and all Department of Education (DoE) programs for individual faculty, proposals to private foundations, corporations, and state/local government programs will benefit from this service expansion. The Proposal Peer Review service is an opportunity for CUNY faculty to receive constructive feedback on the competitiveness of their external grant proposals from colleagues in their own academic field. Proposal peer reviewers are recruited from inside the CUNY community, across the nation, and worldwide. Visit Proposal Peer Review System. If you previously participated in this initiative (prior to April 15, 2019), you will need to kindly re-register. If you have any questions or concerns, please reach out to apps@rfcuny.org.

Research Foundation Equipment Purchase Protocol

For all equipment ordered with Research Foundation funds, please email SPAR at RFEquipmentOrder@Baruch.cuny.edu informing us of the equipment ordered.

ON RESEARCH

ON RESEARCH

BARUCH COLLEGE

RESEARCH ON CAMPUS

Chaoqun Deng - Paul H. Chook Dept. of Information Systems & Statistics

“To smile or not? The effect of facial expression on service demand in sharing economy platforms”

This project draws from social presence theory and the trust literature to explore the mechanism through which the face disclosure and facial expressions of a provider influence the demand for services provided by a sharing economy platform. Using data from Airbnb.com, we find that the face disclosure of a host will have a positive influence on the property demand and positive facial expressions of a host will have a positive influence on the property demand at Airbnb. Professor Deng’s research interests center on the intersection of social media, sharing economy and firm strategies. In particular, her research utilizes theories from information systems and marketing to examine managerial response strategies to customer reviews in online digital platforms by using machine learning (e.g. deep learning) and natural language processing techniques.

George Gonzalez - Dept. of Sociology & Anthropology

“Counter-Visions of ‘Religion’: Performance and Politics at Reverend Billy and the Church of Stop Shopping”

Professor Gonzalez’ second book manuscript, After Religion, Shopsocalypse: Performance and Earth Activism at Reverend Billy and the Church of Stop Shopping, is grounded in over three years of fieldwork with the internationally renown radical performance community, Reverend Billy and the Church of Stop Shopping. In the book, Dr. Gonzalez argues that the Stop Shopping Church’s activist labors map and outline the shifting borders of religion and economy that are constitutive of our neoliberal age and characteristic of contemporary conditions of what he calls “post-secular” capitalism. His research interests lay in the sociocultural legislation of Western metaphysics and the concrete and specific form of power that has attached to neoliberalism, as a historically specific kind of cosmology. He remains especially interested in approaching the study and criticism of post-secular capitalism through the framework of religious social change.

Viviana Rivera-Burgos - Dept. of Political Science

Professor Rivera-Burgos joined Baruch College last semester as Assistant Professor in the Political Science Department of the Weissman School of Arts and Sciences. Professor Rivera-Burgos specializes in American public opinion and political behavior, particularly as they relate to racial and ethnic minorities. The focus of her research is on the responsiveness of national and state legislators to the policy preferences of their Black and Latino constituents; the policy preferences of women who currently hold state legislative office across the 50 states; and the roles of racial and class identities in the study of American political behavior. Other recent research has studied the impact of racial and linguistic stereotypes on white Americans’ attitudes toward Puerto Rico, particularly in the context of post-Hurricane Maria recovery.
**Dispelling the Myths**

**Myth: Grants are Free Money with No Strings Attached**

It is a common misconception that grants are monetary gifts with no contractual obligation, deliverables or restrictions on how it can be spent. A grant by definition is “an agreement enforceable by law representing the transfer of funds from a sponsor in exchange for specific goods or services. It comes with restrictions, and contractual obligations, given in response to a solicitation of support for a specifically-defined research project and requires financial and measurable objectives.

Once a grant is awarded, the PI, SPAR, and RF-CUNY will work collaboratively to manage the grant and the contractual obligations associated with it. It is important to use the money as it was stipulated in the proposal’s budget narrative (aka. Budget justification), to follow reporting procedures, and demonstrate programmatic progress. Not complying with a grant’s obligations may cause current and future potential support to be revoked. It is the PI’s obligation to run the project and complete it within the scope of budget granted. Funders want to see markers of progress, and measurable objectives.

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**ON RESEARCH ON CAMPUS**

Karthik Sridhar - Allen G. Aaronson Dept. of Marketing & International Business

“Pregnancy, racial divide and access to health products: An investigation of event based changes in consumption patterns using Machine-Learning algorithms”

Socio-economic factors can play a critical role in creating barriers to pursuing healthy purchase and consumption behaviors for pregnant females/households. This research pertains to identifying the change in purchase patterns (going beyond just dietary habits) across all categories in a retail chain after pregnancy determination by a household. Using machine learning techniques, identifying the heterogenous change in such purchase patterns across different geographies (urban vs suburban vs inner-city regions) becomes the precursor in identifying and predicting pregnant females or households exhibiting such changes in real-time. Such a process will (a) aid in accurately identifying pregnant females and households in different geographic regions using retail purchase data (b) help in developing region-specific strategies in addressing gaps between expected behavior and exhibited purchase behavior, and more importantly (c) aid in identifying “at-risk” individuals who might require immediate interventions.

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**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 CITI 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 here.

**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.

**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

Alfred P. Sloan Foundation - Major Program Areas Grants

The Alfred P. Sloan Foundation makes grants in nine broad subject matters, known within the Foundation as major program areas. (1) Sloan Research Fellowships - Annual awards to 12% of the most promising early-career scholars in eight scientific and technical fields. (2) STEM Research - Grants to support original, high-quality research in the natural sciences, engineering, and mathematics. (3) STEM Higher Education - Grants to improve the quality and diversity of higher education in science, technology, engineering and mathematics. (4) Public Understanding of Science, Technology, & Economics - Grants to expand the public understanding of science and technology through the use of books, radio, film, television, theater, and new media. (5) Digital Information Technology - Grants to advance the creation, dissemination, and democratization of access to knowledge through the use of new developments in digital information technology. (6) Economics - Grants to support original, high quality research and programs to enhance U.S. economic performance and the quality of American life. (7) Energy and Environment - Grants to advance our understanding of the economic, environmental, security, and policy trade-offs associated with the increased deployment of low- and no-carbon resources and technologies and the resulting impacts on the quality of American life. (8) Select Issues - Grants that support unique opportunities or projects that advance a significant interest related to the Foundation's mission but not directly covered by other Foundation grant making programs. (9) Civic Initiatives - Grants for projects that benefit the New York City metropolitan area in ways consonant with the Foundation's mission.

Deadline: Letters of Inquiry are accepted anytime
http://www.sloan.org/major-program-areas/

Domestic Public Policy Programs - Smith Richardson Foundation

The Domestic Public Policy Program supports projects that will help the public and policy makers understand and address critical challenges facing the United States. To that end, the Foundation supports research on and evaluation of existing public policies and programs, as well as projects that inject new ideas into public debates. The Foundation believes that policy makers face a series of challenges that need to be met if the United States is going to continue to prosper and provide opportunity to all of its citizens. Even as public finances begin to recover in the wake of the financial crisis and recession, officials are confronting difficult choices that will have to be made in order to restore long-term fiscal balances while maintaining essential public services. These choices will include decisions regarding how best to raise revenues while also creating an environment conducive to economic growth.

Deadline: Concept papers accepted anytime.

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: •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.) •They support projects aimed at faculty and doctoral students; in general, projects aimed primarily at undergraduates will not be supported. •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 the sector. 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. Read more about the Foundation's others programs at https://www.hluce.org/programs/

Deadline: Letters of Inquiry are accepted any time
https://www.hluce.org/programs/higher-education/

The Spencer Foundation - Small Research Grants

The Small Research Grants Program supports education research projects that will contribute to the improvement of education, broadly conceived, with budgets up to $50,000 for projects ranging from one to five years. This program is “field-initiated” in that proposal submissions are not in response to a specific request for a particular research topic, discipline, design, method, or location. The goal for this program is to support rigorous, intellectually ambitious and technically sound research that is relevant to the most pressing questions and compelling opportunities in education.

Deadline: March 1, 2021
https://www.spencer.org/grant-types/small-research-grant

Andrew W. Mellon Foundation Grants

The Andrew W. Mellon Foundation seeks to strengthen, promote, and defend the centrality of the humanities and the arts to human flourishing and to the wellbeing of diverse, fair, and democratic societies. Prospective grantees should review program area guidelines before inquiring about grant support. The Foundation believes that the arts and humanities are where we express our complex humanity, and we believe that everyone deserves the beauty, transcendence, and freedom to be found there. Through our grants, we seek to build just communities enriched by meaning and empowered by critical thinking, where ideas and imagination can thrive. The Mellon Foundation offers programs in Higher Learning, Arts and Culture, Public Knowledge, Humanities in Place.

Deadline: Letters of Inquiries accepted any time
https://mellon.org/grants/grantmaking-policies-and-guidelines/#InquiriesApplicationProcess
GRANT OPPORTUNITIES

NSF GRANTS

Future of Work at the Human-Technology Frontier: Core Research (FW-HTF)
The specific objectives of the Future of Work at the Human-Technology Frontier program are to (1) facilitate multi-disciplinary or convergent research that employs the joint perspectives, methods, and knowledge of behavioral science, computer science, design, economics, engineering, learning sciences, research on adult learning and workforce training, and the social sciences; (2) support deeper understanding of the societal infrastructure that accompanies and leads to new work technologies and new approaches to work and jobs, and that prepares people for the future world of work; (3) encourage the development of a research community dedicated to designing intelligent technologies and work organization and modes inspired by their positive impact on individual workers, the work at hand, the way people learn and adapt to technological change, creative and inclusive workplaces (including remote locations, homes, classrooms, or virtual spaces), and benefits for social, economic, educational, and environmental systems at different scales; (4) promote deeper basic understanding of the interdependent human-technology partnership to advance societal needs by advancing design of intelligent work technologies that operate in harmony with human workers, including consideration of how adults learn the new skills needed to interact with these technologies in the workplace, and by enabling broad and diverse workforce participation, including improving accessibility for those challenged by physical or cognitive impairment; and (5) understand, anticipate, and explore ways of mitigating potential risks including inequality arising from future work at the human-technology frontier.
Deadline: March 23, 2021 5:00 PM

Integrative Research in Biology (IntBiO)
This solicitation invites submission of collaborative proposals that tackle bold questions in biology and require an integrated approach to make substantive progress. Integrative biological research spans disciplines and incorporates cutting-edge methods, tools, and concepts from each to produce groundbreaking biological discovery. The research should be synergistic and produce novel, holistic understanding of how biological systems function and interact across different scales of organization, e.g., from molecules to cells, tissues to organisms, species to ecosystems and the entire Earth. Such knowledge is critical to informed solutions to societal challenges, including natural resource management, resilience to environmental change, and global food security. Outcomes from integrative research will also inform and guide the development of new technologies that drive the nation’s bioeconomy. Integrative biological research depends on researchers who work in dynamic, diverse, and collaborative interdisciplinary teams. These teams should be fully engaged in the training and education of the next generation of scientists who will be future leaders in integrative research. A vibrant, inclusive, and integrative training environment will therefore produce a new generation of researchers who can navigate across subdisciplines and engage in integrative thinking.
Deadline: March 16, 2021 5:00 PM
nsf.gov/pubs/2021/nsf21543/nsf21543.htm

GRANT OPPORTUNITIES

NSF GRANTS

Molecular Foundations for Biotechnology (MFB)
This initiative calls for fundamentally new approaches in chemistry to drive new directions in biotechnology, an important Industry of the Future (IoF). Collaborative high risk/high reward projects are sought; the research must involve innovative chemistry. A multi-year campaign is envisioned (contingent on availability of funding), targeting broad annual themes. This year’s solicitation calls for synergistic scientific partnerships grounded in the principles of synthetic, physical organic and molecular recognition chemistry creating novel chemical biology tools to drive innovations in biotechnology. The focus is on the development and deployment of fundamentally new techniques to modify the structure, function, and/or fate of proteins interacting with small molecules for important applications in biotechnology.
Deadline: March 16, 2021 5:00 PM

Scholarships in Science, Technology, Engineering, and Mathematics Program (S-STEM)
The program seeks to (1) increase the number of low-income academically talented students with demonstrated financial need obtaining degrees in S-STEM eligible disciplines and entering the US workforce or graduate programs in STEM; 2) improve support mechanisms for future scientists, engineers, and technicians, with a focus on low-income academically talented students with demonstrated financial need; and 3) advance our understanding of how interventions or evidence-based curricular and co-curricular activities affect the success, retention, transfer, academic/career pathways, and graduation of low-income students in STEM. The S-STEM program encourages collaborations among different types of participating groups, including but not limited to partnerships among different types of institutions; collaborations of STEM faculty and institutional, educational, and social science researchers; and partnerships among institutions of higher education and business, industry, local community organizations, national labs, or other federal or state government organizations, if appropriate. Eligible Degree programs: Bachelor of Arts, Bachelor of Science, Bachelor of Engineering, and Bachelor of Applied Science, Master of Arts and Master of Science, Master of Engineering, and Doctoral. S-STEM Eligible Disciplines: Biological sciences (except medicine and other clinical fields), Physical sciences (including physics, chemistry, astronomy, and materials science), Mathematical sciences, Computer and information sciences, Geosciences, Engineering, Technology fields associated with the disciplines above (e.g. biotechnology, chemical technology, engineering technology, information technology). Note that programs in business schools that lead to Bachelor of Arts or Science in Business Administration degrees (BABA/BSBA) are not eligible for S-STEM funding. Proposers are strongly encouraged to contact Program Officers before submitting a proposal if they have questions concerning degree eligibility.
Deadline: April 7, 2021 5:00 PM
GRANT OPPORTUNITIES

Research and Development - National Endowment for the Humanities

The Research and Development program supports projects that address major challenges in preserving or providing access to humanities collections and resources. These challenges include the need to find better ways to preserve materials of critical importance to the nation's cultural heritage—from fragile artifacts and manuscripts to analog recordings and digital assets subject to technological obsolescence—and to develop advanced modes of organizing, searching, discovering, and using such materials. This program supports projects at all stages of development, from early planning and stand-alone studies to advanced implementation. Research and Development projects contribute to the evolving and expanding body of knowledge for heritage practitioners, and for that reason outcomes may take many forms. Projects may produce any combination of laboratory datasets, guidelines for standards, open access software tools, workflow and equipment specifications, widely used metadata schema, or other products. Research and Development projects are encouraged to address one or more of the following areas of special interest:

• Preserving our audiovisual and digital heritage
• Conserving our material past
• Protecting our cultural heritage
• Serving under-represented communities

Deadline: May 18, 2021

https://www.neh.gov/grants/preservation/research-and-development

Sponsored Programs and Research (SPAR)

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