

# RESEARCH NEWS

QUARTERLY NEWSLETTER FROM THE OFFICE OF THE VICE PRESIDENT  
FOR RESEARCH

SUMMER 2017

Dear Members of the Stony Brook Research Community,

Summer provides the opportunity for many of us to devote more time to research and to think about developing new ideas for future research projects. In the Research Office, summer also marks the time when we receive final fiscal year data on our research expenditures and proposal submissions. I'm very pleased to report that our sponsored program expenditures for FY16/17 are up by 5.5% over the previous year for a total of \$169.2M. In the last newsletter, I had noted that our total R&D expenditures from the NSF HERD report had increased to \$230M. While this is certainly good news at a time when securing federal funding has never been more competitive, we are seeing a disturbing trend of declining proposal submissions. Although the explanation for this decline isn't yet clear, the advice should be obvious: increasing the number of proposal submissions, along with their competitiveness, is an important component of growing our research enterprise. Support is available on several levels to help investigators with proposals. Proposal development staff have recently been hired at the college/school level, and support for junior faculty and for large/complex proposals is available through the Office of Proposal Development. Although still early, the benefits of providing support for proposal development can be seen in the significant increase in early career proposal submissions, such as NSF's CAREER program.



The federal funding outlook for science R&D has received much attention following the release of President Trump's proposed FY17/18 budget, which calls for massive cuts for NIH, DOE, and other

funding agencies. Proposed budgets from the House and various Senate subcommittees signal that Congress is pushing back against the proposed cuts and wants to restore funding levels for most agencies. Much work remains before a clear picture emerges for science funding, and many observers are suggesting that a continuing resolution is a likely outcome for the new fiscal year.

We have also heard calls by the current administration to limit the F&A (facilities and administration) rate—*aka* indirect costs—on NIH research grants to 10%, far below the current negotiated rate of 59.5% for organized research on campus. Earlier this summer [I reminded faculty](#) of common misconceptions about how F&A rates are established and the impact on our research enterprise if they were to be reduced. There is some comfort, however, in learning that current language in proposed House legislation could prevent a reduction in F&A rates. Nevertheless, investigators should be aware of the widespread misunderstanding of F&A in sponsored awards and the fact that they only partially reimburse Stony Brook for our actual costs of supporting research activities.

I will mention several recent and upcoming workshops that focus on current topics and present special opportunities for new research initiatives. Stony Brook researchers met in New York City with colleagues from University at Buffalo to share their visions for expanding research in artificial intelligence. This initiative, which builds on \$4.5M received by each institution through SUNY's EIP program, could significantly expand fundamental research and education through a collaboration that would position NY State for a leadership role in an AI-driven future.

"Opioid addiction" is heard far too often these days, highlighting the epidemic that afflicts all segments of society. This topic was the focus of an August workshop attended by Stony Brook faculty and

researchers from other SUNY campuses to identify areas of strength and opportunities for leveraging collaborations to expand research. A forthcoming SUNY-wide workshop will focus on water-related research, encompassing both supply and quality aspects. Interested faculty should contact me for further information. Stony Brook currently has several highly visible research programs, including State-funded programs focusing on 1,4 dioxane contamination and water quality issues in the Great South Bay. The latter project was highlighted by Governor Cuomo's recent visit to join School of Marine and Atmospheric Sciences Professor Chris Gobler in introducing shellfish to accelerate cleanup, an event that received media attention.

I'd like to provide quick updates on several projects involving the Research Office. As I write this letter, we are nearing the final stage of the Facilitating Researcher Success project, intended to address administrative burdens faced by investigators. The nine task forces have provided detailed reports to the Steering Committee, which is finalizing recommendations that should streamline processes and reduce the amount of time spent in managing awards. Among several cross-cutting recommendations is the need to improve web access to resources and guidance for all aspects of finding funding opportunities, submitting proposals, and managing your awards and related research activities. As a result, you will be seeing major changes in the Research webpage over the next several months. Watch for these, and please let us know your suggestions for further improvements.

All researchers should now have some familiarity with myResearch, which was unveiled in June as the site for certifying financial conflict of interest. This online system, using Huron Consulting's Click software, will serve as Stony Brook's single online portal for submitting proposals and managing other aspects of awards, including human subjects and animal research, and biosafety. Look for more detailed information later in this newsletter about the status and "go live" dates for different modules in myResearch.

Finally, I'd like to mention the grant writing workshop and the new faculty orientation that the research office provides annually to help faculty (not just new faculty) in developing competitive research

proposals. Dates and further details are given later in this newsletter.

As always, I appreciate hearing your comments and suggestions for improving the operation and support that we can provide to investigators.

Regards,



Richard J. Reeder  
Vice President for Research

## **OVPR Orientation for New Faculty**

We are delighted to welcome new faculty and offer this opportunity to meet OVPR leadership and staff who will provide an overview of the services and functions of the six units of the Office of the Vice President for Research (Sponsored Programs, Grants Management, Compliance, Technology Transfer and Industry Relations, Proposal Development and Research related IT enterprise applications). This year's new faculty orientation will be held on Wednesday, October 4, 2017 from 12pm-2pm in the Charles B. Wang Center Room 201. Lunch will be provided.

Please [register](#) by or before September 25.

For a disability related accommodation, please call us at 2-1976 by the registration deadline.

## New Innovation Website Up and Running

### *Office of Technology Licensing*

To enhance our business development efforts, the Office of Technology Licensing has implemented a new website to market technologies available for licensing. Technologies have been organized into categories, commercially relevant information summarized, and contact information provided. We strongly encourage our inventors to [visit the site](#) and provide feedback and comments.

## myResearch (Huron Click) Implementation Continues; IRB Go Live Coming Fall 2017

### *DoIT Information Systems (Research)*

The myResearch project will implement six modules to provide a single system for researchers, students and staff to manage their proposal submissions and compliance activities. The project has replaced form-based Conflict of Interest Disclosures and will replace Coeus and IRBNet

Key Updates:

#### **Conflict of Interest**

The COI module went live on April 17, 2017. So far approximately 1300 disclosures have been recorded. The new system eliminates paper-based, proposal-time COI disclosures.

#### **IRB**

The implementation of the IRB module is continuing and an IRB data migration is being discussed. The system was released to the Departmental Administrator's Committee and results have been positive.

New studies will be submitted through myResearch for meetings scheduled for November or December 2017 (Details will be announced later) pending AAHRPP Reaccreditation submissions.

Renewals and Modifications will continue in IRBNet.

Single IRB and Final Common Rule regulations are still unresolved issues that could impact the Go Live of this module.

#### **Proposal Submission (Grants Module)**

Huron was on site on May 23<sup>rd</sup> through May 25<sup>th</sup> for the onboarding of Grants.

An interactive design and discussion was held with members of the Departmental Administrators Committee, Deans' Offices and Compliance areas to discuss possible ways to expedite proposal approvals and other system functionality such as budgeting and System-to-System (S2S) submissions to Grants.gov.

Go Live is being planned for Spring 2018 for proposals due after July 1, 2018.

You may provide input by emailing [ovpr\\_huronclick@stonybrook.edu](mailto:ovpr_huronclick@stonybrook.edu) or submitting the feedback form at <https://goo.gl/QEazGz>

Project Updates are available here:

<http://www.stonybrook.edu/commcms/projects/program/click-portal-solutions-implementation>

## 2017 PowerBridgeNY Award and Cycle 5 Funding Announcement

### *Office of Technology Licensing*

The Application Process for Cycle 5 of PowerBridgeNY is now open. Applications for Clean Tech proposals are due on **September 12, 2017 at 3:00 PM ET**. If you are interested in learning more, we suggest you check out the [Apply Page](#) and [FAQs](#). We also strongly suggest that you attend a webinar or info session to learn more about the program. **A Stony Brook University in-person info session will be held on Thursday, August 24 at 12pm at the Advanced Energy Center. Lunch will be provided.**

Congratulations to **Dr. Steven Skiena, Computer Science**, for receiving commercialization assistance from the PowerBridgeNY Proof of Concept Center for his technology entitled “*Reducing energy and maintenance costs in rail freight transportation through video analysis and forecasting.*” The assistance consists of non-monetary support as well as funding to help better position the technology for licensing, whether to an existing company or a new venture.

## License Agreement Executed with Mechanismic

*Office of Technology Licensing*

Mechanismic, a start-up corporation in the US, has licensed a University patent for a modular educational robotics kit developed by Dr. Anurag Purwar in the Department of Mechanical Engineering. Mechanismic plans to manufacture a basic beginner’s kit, add-on kits, and complete advanced kits to provide a robotics education which is progressive. More information can be found [here](#)

## Patent Activity

*Office of Technology Licensing*

- Nineteen patents issued in first half of 2017.
- Representative inventors include: Vladimir Samuilov, Wei Zhao, John Britelli, Israel Kleinberg, Jerome Liang, Dale Deutsch, Stanislaus Wong, Nicole Sampson, Benjamin Hsiao, Robert Honkanen, Larry Golub, Amir Goldan, Balu Sitharaman and Iwao Ojima.

## Is Your Training Up to Date?

*Office of Research Compliance*

If you are not sure what training you need to complete, check our [Training Table](#) for an outline of training requirements and frequencies.

## Have You Submitted Your Annual Conflict of Interest Disclosure in myResearch?

*Office of Research Compliance*

Conflict of Interest submissions went electronic on May 1st eliminating the paper forms in COEUS and IRBNet!

**An Annual Conflict of Interest Disclosures is required to be on file in myResearch.** This annual disclosure is then used for proposals, new awards, funded IRB protocols and PHS (NIH) award continuations!

Submissions can be completed [here](#).

## Do You Ever Wonder if You Need to Comply with Export Regulations?

*Office of Research Compliance*

Just a few examples of when export regulations may come into play are international travel, hosting visitors, purchasing items, international shipping or sharing confidential information with others.

If these are things that you do, please refer to our new guidance and [procedure documents for export compliance](#).

## **NYS Tuition Assistance Program - Application Deadline Approaching**

### *Human Resource Services*

The State University of New York has a tuition assistance program, subject to available funding, for all full time State and Research Foundation employees that supports employee initiatives to acquire and maintain career-related knowledge, skills and abilities. For eligibility information, instructions and the application for this tuition waiver program, please go to the [HRS website](#).

Applications must be submitted on or before **Wednesday August 23, 2017**

Any questions - please call HRS Benefits at (631) 632-6180.

## **Funding Sick Leave over 30 days - Guidance to PI/Supervisors**

### *Human Resource Services*

Salary and wages paid to an employee on a sick leave which exceeds 30 consecutive calendar days can be transferred to the fringe benefit sick leave pool account. This account may be used as long as the employee remains on sick leave. Reimbursements from the fringe benefit sick leave pool to your grant will be processed in Oracle. To make this account distribution change, the Supervisor/PI must complete a Research Foundation Payroll Change Form and submit to RF Appointments and Payroll, HRS, Room 390 , Administration Building, Z=0751. Please contact HRS Research Foundation Appointments and Payroll by email at [RF\\_Payroll@stonybrook.edu](mailto:RF_Payroll@stonybrook.edu), or by phone at (631) 632-6162. to confirm employee eligibility and for further assistance.

## **Updated Tuition on Research Grants (ToRG) Policy**

### *Graduate School*

As of April 1 2017, Stony Brook's ToRG policy has been revised to include an update to charge six (6) credits per semester at the in-state rate at the time of the proposal submission. Currently all new proposals will be budgeted at \$2,718 per semester, where previously charged \$2,094. Rate will be set for the length of the award, based on the current rate at time of proposal submission.

Policy has been updated and can be found on the [Graduate School](#) and [Research Foundation](#) websites.

## **Stay Connected – Join OPD’s Google Group**

### *Office of Proposal Development*

Keep up-to-date with OPD news and announcements on limited competitions, funding opportunities, workshops, etc. by becoming a member of the OPD Google Group. Join by following these instructions:

- Sign in to your [Google account](#):
- Select Groups from the top right corner
- On the Welcome screen, click My groups
- Search for 'OPD Announcements'
- Click on 'Apply for Membership'

## **‘Write Winning Grants’ Workshop**

### *Office of Proposal Development*

Last month, we sent a campus announcement via email about this year’s all day NIH and NSF grant writing workshop to be held on Tuesday, September 5th. Registration is now full. To join the waitlist, please email [OPD\\_OVPR@stonybrook.edu](mailto:OPD_OVPR@stonybrook.edu) immediately.

## New Fringe Rates In Effect 7/1/17

### *Office of Sponsored Programs*

The New Fringe Rates have been approved and are in effect 7/1/17. They can be found [here](#). Updated budget worksheets are posted on the OVPR web site under OSP Budget forms.

## OSP Staffing News and Updates

### *Office of Sponsored Programs*

The Office of Sponsored Programs is pleased to announce its most recent hire of Susan Ciuffo, who has joined the OSP team at the end of July. Susan's role as a Grants Administrator will add to OSP's dedication to streamline processes and increase support to faculty in the administration of externally sponsored research. Susan has 20 years of experience in the engineering industry as a Marketing and Proposal Specialist. She managed and coordinated hundreds of RFP submissions a year which were submitted to various local municipalities, State, Federal, and City agencies. Welcome Susan!

## Upcoming Conferences, Seminars & Internal Training

### *Office of Sponsored Programs*

#### **NIH Regional Fall Seminar**

Seminar: October 25 –27 | Baltimore, MD

For more details, see [NOT-OD-17-026](#)

#### **COEUS Training Classes**

Access this [link](#) for upcoming training dates in 2017 and registration

## Sponsor/Agency Updates

### *Office of Sponsored Programs*

#### **NIH Update**

##### **Electronic Carryover Requests**

Starting in June 2017, there will be an option to submit Carryover requests electronically under the Prior Approval Module.

For those awards that do not have Expanded Authorities, grantees need to submit a carryover request to their respective Grant Management Officer (GMO) for prior approval. This process can now be submitted electronically via the Prior Approval module in Electronic Research Administration (eRA) Commons. Note that the electronic method is optional.

Only a Signing Official can submit the request.

A Carryover request will be available in Prior Approval when the grantee has met the following two conditions:

1. Prior year's FFR (Federal Financial Report) has been submitted.
2. The grant is still active, meaning the project period has not ended and a no-cost extension (NCE) request has been submitted by the institution requesting additional time, and the grant has not been closed.

As part of the process, several key pieces of information will be required to complete the request:

- Unobligated funds to be carried over,
- Explanation of unobligated funds,
- Budget Justification, and
- Scientific Justification.

Closely related to the Carryover request is the No-Cost Extension request. If a Carryover request is made within 90 days of the project period end date, the Prior Approval Module will allow you to initiate, through OSP, the No-Cost Extension request at the same time as the Carryover request.

For additional details and screenshots related to this release, see [eRA Commons Online Help](#). Also, the video tutorial for the Prior Approval Carryover Request as well as the No Cost extension Request can be found [here](#).

## NIH Reminder Regarding Progress and Financial Reports

[NOT-OD-17-074](#)

NIH recently issued a reminder to NIH recipients about their responsibilities and the requirement to submit complete, timely and accurate progress and financial reports to the NIH which is a term and condition of all NIH awards. Note that progress reports are the Principal Investigator's responsibility while financial reports get submitted by the Office of Grants Management. Detailed information regarding the announcement can be found [here](#).

## NIH and AHRQ New Forms Update

[NOT-OD-17-062](#) and [NOT-HS-17-015](#)

On April 27, 2017, NIH and AHRQ announced the transition from the current forms ("Forms-D") to new "FORMS-E" grant application forms and instructions for grant applications due on or after January 25th, 2018.

These updates are needed in order to maintain consistency with Grants.gov and Office of Management and Budget federal-wide requirements, and to incorporate changes in NIH policies and processes.

A preview to the changes taking place can be found [here](#). Also read the Guide Notices [NOT-OD-17-062](#) and [NOT-HS-17-015](#) for more information. Additional communication will be shared as we get closer to the transition. In the meantime, any questions regarding the appropriate forms to use can be addressed with your OSP Grants Administrator.

## NSF Update

**NSF Proposal and Award Policy Newsletter**  
[nsf17084](#)

The NSF Proposal and Award Policy May/June 2017 newsletter is now [available](#).

## NRSA Update

### Predoctoral Stipend Announcement

*Stipends for FY 2017*

Effective with all Kirschstein-NRSA awards made on or after October 1, 2016, the following annual stipend levels apply to all individuals receiving support through institutional research training grants or

individual fellowships, including the Maximizing Access to Research Career (MARC) and Building Infrastructure Leading to Diversity (BUILD) programs.

*Undergraduates in the MARC and BUILD Programs:*

For institutional training grants (T34, TL4), two stipend levels may be used for undergraduate candidates: Freshmen/Sophomores and Juniors/Seniors.

|                             | Stipend for FY 2017 | Monthly Stipend |
|-----------------------------|---------------------|-----------------|
| Freshmen/Sophomores         | \$8,988             | \$749           |
| Juniors/Seniors             | \$ 12,588           | \$1,049         |
| Predoctoral (All Years Exp) | \$23,844            | \$1,987         |

The link to details regarding Tuition, Fees, Training Related Expenses and Institutional Allowance for Individual Fellows can be found [here](#).

## Updates to SBU's Human Research Protection Program

*Office of Research Compliance (ORC)*

### Wondering what's going on with the revisions to the Final Common Rule?

Join the club! But while we wait, our colleagues at the CITI Program have done an incredible job of creating a set of resources to help our understanding of what is changing (when it actually does, in fact, change).

Have a look:

<https://about.citiprogram.org/en/final-rule-resources/>

## New FDA Guidance Effective Immediately

On July 24, 2017, the FDA announced that, effectively immediately, it will now permit IRBs to waive or alter informed consent for minimal risk\* clinical investigations, so long as the IRB determines and documents that the following criteria are satisfied:

- The clinical investigation involves no more than minimal risk\* to the subjects;
- The waiver or alteration will not adversely affect the rights and welfare of the subjects;
- The clinical investigation could not practicably be carried out without the waiver or alteration; and
- Whenever appropriate, the subjects will be provided with additional pertinent information after participation.

As these criteria are identical to the consent waiver criteria in the Common Rule (which doesn't cover FDA) this is an important step in harmonization across federal agencies. Affected applications are expected to include certain registries, observational studies, and studies using existing data and specimens.

The guidance can be accessed [here](#).

*\* Minimal risk is defined as "the probability and magnitude of harm or discomfort anticipated in the research are not greater in and of themselves than those ordinarily encountered in daily life or during the performance of routine physical or psychological examinations or tests."*

## Update on the myResearch (Click) Electronic Management Program for IRB

The staff of ORC and IT (Research) have been working diligently to customize and test myResearch for IRB with the goal of making the transition from IRBNet to myResearch as seamless as possible. Once the system is ready for 'prime time', expected early fall, ORC will be offering in-person workshops and other training opportunities (including sending you training materials with screenshots and instructions) so that you can hit the ground running in preparing your submissions for IRB review.

We are planning a 'phase in' approach for use of the system such that we will first be accepting initial (new) submissions (expedited or full review) starting November 20, 2017. Then, sometime in the Spring,

we will start moving over active studies that currently live in IRBNet to myResearch via the continuing review process. More on that early next year.

In the meantime, here are some little tidbits of helpful information to start building up your knowledge about the new system:

There's some new terminology you will need to get used to. Here are three for now (and more to follow!):

- **Reportable New Information (RNI):** this is the term in myResearch that is what we currently refer to as, e.g., unanticipated problems involving risks to subjects or others, protocol deviations, protocol violations, non-compliance, results of audits or inspections by external agencies or study monitors etc. That sort of thing. More on that as we get closer to launch.
- **Non-committee Review:** is the term used to describe all reviews done outside of a convened IRB meeting, including exemption determinations, expedited reviews, and 'Not Human Research' and QA/QI determinations.
- **Designated Reviewer:** this is the individual(s) who conducts the non-committee review. If it's anything other than an expedited review (which requires that the designated reviewer be an actual IRB member), the designated reviewer will be a member of the ORC staff.

As you know, a standard submission in IRBNet requires (in part) completion of a registration smart form, an IRB application, and an uploaded protocol. In myResearch, the smart application form you complete within the system takes the place of the registration form. **There will no longer be a separate IRB application to complete.** However, in its place we have created the [Protocol Template for Investigator-Initiated Studies](#) to be submitted for studies that are initiated by you ([SBU researchers](#)). You will note that it is much more content-intensive than our previous template in IRBNet, but it provides all the information that is required for the SBU IRBs to assess the federally mandated approval criteria. This template is a blend of the template available through the Click 'out of box' program, as well as templates from fellow accredited institutions.

If you would like to “test drive” this new protocol template and start using it now, please feel free to do so. If you submit a new study in IRBNet using this template, you don't have to also complete the IRB application.

Currently, the process for using an IRB external to SBU (e.g, Chesapeake, NCI-CIRB, or other multi-center studies in which an external IRB will serve as the IRB of record for all sites) involves an administrative process for ceding that IRB review that is a blend of IRBNet and external email. With myResearch, the entire process will occur within the system. New to the submission requirements for these studies that are not SBU investigator-initiated is the need to submit a **Protocol Template Supplement: SBU-Specific Information** in addition to the main (external) protocol. The information will provide information on issues pertaining to the conduct of the research here, and also provide information that will be helpful for not-for-cause monitoring visits and audits that are conducted as part of ORC's QA efforts to maintain our high quality HRPP.

Any questions pertaining to these updates may be directed to Judy Matuk at [judy.matuk@stonybrook.edu](mailto:judy.matuk@stonybrook.edu)

### **Message from NIH: Changing policies impact NIH-funded studies involving human subjects**

Message to NIH grant applicants/awardees, contractors, researchers and research administrators: If you are conducting NIH-funded research that involves human subjects, or are considering applying to NIH for support of such research, we want to call your attention to important changes that may affect how you:

- select the right NIH funding opportunity announcement
- write the research strategy and human subjects sections of your application
- comply with appropriate policies and regulations

**First, familiarize yourself with the new PHS Human Subject and Clinical Trial Information form.** For application due dates of January 25, 2018, and beyond, you will be required to use an updated application forms package (FORMS-E), which includes the new human subject and clinical trial form. This form requests human subject and clinical trials information at the study level using discrete form fields, which is a change from current practice.

Contract proposals will also require this information. [Learn about the new form here.](#)

### **Second, take a moment to answer these four questions about your current or proposed research:**

- 1) Does the study involve human participants?
- 2) Are the participants prospectively assigned to an intervention?
- 3) Is the study designed to evaluate the effect of the intervention on the participants?
- 4) Is the effect that will be evaluated a health-related biomedical or behavioral outcome?

If the answer to all four questions is yes, then your proposed research meets [the NIH definition of a clinical trial](#). Clarified and broadened in 2014, the definition encompasses a wide range of trial types: mechanistic, exploratory/developmental, pilot/feasibility, behavioral, and more. NIH expanded the clinical trial definition in response to widespread calls from diverse stakeholders for improved reporting of research milestones and outcomes, and for assuring maximal transparency.

Need help determining whether your study would be considered by NIH to be a clinical trial? See our [webpage on the definition](#) that includes case studies, FAQs and other resources that can help. Still unsure? Contact your NIH program official or the scientific point of contact listed on the funding opportunity announcement to which you are applying.

### **Third, familiarize yourself with NIH policy changes related to enhancing stewardship of clinical trials.**

NIH made a number of policy changes to improve the stewardship of clinical trials across the life cycle of the trial. We encourage you to familiarize yourself with all that is changing, including:

- the requirement to apply to an FOA that specifically allows for the submission of clinical trial applications for due dates beginning January 25, 2018.
- Good Clinical Practice training expectations for NIH staff, grantees, and contractors that went into effect January 2017.
- updated peer review criteria that will be included in FOAs for clinical trial applications and solicitations for due dates on/after January 25, 2018.

- new Human Subject Information form requirements for clinical trials that will be included in updated application forms (FORMS-E) for due dates on/after January 25, 2018, and contract solicitations published as of January 25, 2018.
- use of a single IRB for non-exempt, multi-site clinical trials for application due dates on/after January 25, 2018.
- expanded ClinicalTrials.gov registration and reporting to include all NIH supported clinical trials.

Improving the design, efficiency, and transparency of clinical trials is important because it:

- respects our ethical obligation to participants to maximize the use of the knowledge from the trials in which they participate
- facilitates design of clinical trials while reducing unnecessary duplication
- promotes broad, timely, and responsible dissemination of research information and results
- fosters responsible stewardship of the public's investment in biomedical research

We have developed a new [Clinical Trial Requirements for NIH Grantees and Contractors web page](#) to bring together all the information you need to know. Please review this information carefully. Your attention to detail will be critical to ensuring successful funding of your clinical trial awards.

We will be putting out a series of reminder policy notices, training opportunities, and other resources in the [NIH Guide to Grants and Contracts](#), in the [NIH Extramural Nexus](#), and on my [blog](#).

The success of clinical trials relies on the public trust in scientific rigor and ethical oversight. We all play a critical role in this process. We are most grateful to you for your help and support.

Best,

Michael S. Lauer, MD  
Deputy Director for Extramural Research, NIH  
One Center Drive, Building 1, Room 144  
Bethesda, MD 20892

## Pilot for Identifying Collaborators and Other Affiliations Information

### *Office of Sponsored Programs*

On April 24, 2017, the National Science Foundation (NSF) initiated a new pilot requiring the use of a spreadsheet template for identifying Collaborators and Other Affiliations information for Principal Investigators (PIs), Co-PIs, and other senior project personnel identified on proposals. The new pilot standardizes Collaborators and Other Affiliations information across the Foundation and will ensure that the information is submitted in a searchable format. Results from the pilot will be assessed and will determine how to proceed with this section of the proposal in the future.

Please note that the spreadsheet template has been developed to be fillable. However, the content and format requirements must not be altered by submitters.

- Must be saved in .xlsx or .xls formats and directly uploaded into FastLane as a Collaborators and Other Affiliations Single Copy Document.
- Will be converted by FastLane from an .xlsx or .xls file to a PDF file.
- Has been tested in Microsoft Excel, Google Sheets, and LibreOffice.
- Will enable preservation of searchable text that otherwise would be lost. Must be uploaded in .xlsx or .xls formats only. Uploading a Collaborators and Other Affiliations Single Copy Document in any other format may delay the timely processing and review of your proposal.
- Will be directly linked in FastLane. The template and associated instructions may also be accessed directly [here](#).
- This pilot will only be for FastLane proposal submissions.
- Grants.gov proposal submissions will continue to follow the instructions in NSF Grants.gov Application Guide Chapter VI.2.4.

## New Awards from April 16, 2017 to July 15, 2017

- Only awards funded with a total amount of \$50,000 or greater are listed. For the full list, see <http://www.stonybrook.edu/research/vpr/statistics.shtml#active-projects-tab>
- Awards listed in order of Start Date.

| Principal & CoPrincipal Investigator(s)                                | Award Name  | Sponsor Name  | Total Award Amount in USD | Dates                            | NACUBO             | Award Purpose |
|--|---|---|---------------------------|----------------------------------|--------------------|---------------|
| Bliska, Dr. James B;<br>van der Velden, Dr. Adrianus                   | Regulation of Host Innate and Adaptive Immunity by Bacterial Type III Effectors                 | National Institute of Allergy & Infectious Disease      | 1,806,510.82              | 01-May-2017<br>to<br>30-Apr-2018 | Organized Research | Grant         |
| Lu, Dr. Long;  | CAREER: Rethinking Mobile Security in the New Age of App-As-A-Platform                          | National Science Foundation                             | 500,515.00                | 01-May-2017<br>to<br>05-Jun-2017 | Organized Research | Grant         |
| Benach, Dr. Jorge L;<br>Sperzel, Ms. Toni ;<br>Ferguson, Dr. David L   | IRACDA: The New York Consortium for the Advancement of Postdoctoral Scholars (NY CAPS) Phase II | National Institute of General Medical Sciences          | 4,374,119.00              | 01-May-2017<br>to<br>30-Apr-2018 | Training           | Grant         |
| Valiunas, Dr. Virginijus; White, Dr. Thomas W. ;<br>Clausen, Dr. Chris | MicroRNA Permeability of Connexin Mutants Related to Genetic Disease                            | National Institute of General Medical Sciences          | 1,362,122.00              | 01-May-2017<br>to<br>30-Apr-2018 | Organized Research | Grant         |
| Skiena, Dr. Steven;  | Power Bridge: Downstate Regional Energy Technology Accelerator (DRETA)                          | Trustees of Columbia University in the City of New York | 149,665.00                | 01-May-2017<br>to<br>30-Apr-2018 | Organized Research | Subgrant      |
| Sears, Dr. Trevor;   | Graduate Student Research for Eisen Gross: Gas Phase Molecular Dynamics                         | Brookhaven Science Associates LLC                       | 140,217.97                | 01-May-2017<br>to<br>10-Jun-2020 | Training           | Subcontract   |
| Jung, Dr. Chang-Kee;   | Engineering Consultant for the DUNE Experiment to Work at CERN, Geneva, Switzerland             | Fermi National Accelerator Laboratory                   | 51,521.00                 | 01-May-2017<br>to<br>30-Sep-2017 | Organized Research | Subcontract   |

| Principal & CoPrincipal Investigator(s)             | Award Name  | Sponsor Name                                       | Total Award Amount in USD | Dates                      | NACUBO             | Award Purpose |
|---|---|--|---------------------------|----------------------------|--------------------|---------------|
| Pales Espinosa, Dr. Emmanuelle M; Allam, Dr. Bassem | Molecular Mechanisms Regulating Food Choice in Bivalves   | National Science Foundation                        | 512,041.00                | 01-May-2017 to 30-Apr-2018 | Organized Research | Grant         |
| Carpino, Dr. Nicholas; French, Dr. Jarrod           | Establishing Sts-1 as a Novel Target to Treat Deadly Pathogen Infections  | US Army Medical Research Acquisition Activity      | 316,609.00                | 15-May-2017 to 14-Nov-2018 | Organized Research | Grant         |
| Abdelaziz, Dr. Sherif Lotfy;                        | DURIP: Multiscale Facilities for Analyzing the Thermo-Hydro-Mechanical Behavior of Unsaturated Earth Surface Porous Materials   | US Army Research Office                            | 221,986.15                | 15-May-2017 to 14-May-2018 | Organized Research | Grant         |
| Flagg, Dr. Charles N.;                              | Collaborative Research: The Norrona Project: An International Collaboration for Sustained Studies of the Meridional Overturning Circulation Between Denmark, The Faroes and Iceland | National Science Foundation                        | 138,495.00                | 15-May-2017 to 30-Apr-2019 | Organized Research | Grant         |
| Klein, Dr. Daniel N;                                | NRSA for Ellen Kessel: A Study of Childhood Irritability: Neural Mechanisms and Development Pathways to Internalizing and Externalizing Psychopathology                             | National Institute of Mental Health                | 91,062.00                 | 18-May-2017 to 17-May-2018 | Training           | Grant         |
| Ionas, Dr. Flaminia Maria;                          | Direct Conversion of Fibroblasts Into Bladder Epithelia   | Feldstein Medical Foundation Incorporated          | 70,000.00                 | 26-May-2017 to 25-May-2018 | Organized Research | Grant         |
| Karzai, Dr. A. Wali; Benach, Dr. Jorge L            | The Role the AAA+ Lon Proteases in Bacterial Pathogenesis   | National Institute of Allergy & Infectious Disease | 2,367,339.00              | 01-Jun-2017 to 31-May-2018 | Organized Research | Grant         |

| Principal & CoPrincipal Investigator(s)                             | Award Name  | Sponsor Name                                       | Total Award Amount in USD | Dates                      | NACUBO             | Award Purpose |
|---|---|--|---------------------------|----------------------------|--------------------|---------------|
| Kim, Dr. Hyemi;   | CAREER: Understanding the Source of the Madden-Julian Oscillation (MJO) Predictability and its Impact on the Mid-latitudes  | National Science Foundation                        | 749,232.00                | 01-Jun-2017 to 31-May-2018 | Organized Research | Grant         |
| Zadok, Dr. Erez;  | Collaborative Research: CI-SUSTAIN: National File System Trace Repository   | National Science Foundation                        | 129,867.00                | 01-Jun-2017 to 31-May-2020 | Organized Research | Grant         |
| Arbeit, Dr. Leonard; Mallipattu, Dr. Sandeep : Wadhwa, Dr. Nand K   | Biomarkers for Cardiovascular Disease Progression in Patients with Chronic Kidney Disease   | Dialysis Clinic Incorporated                       | 505,045.00                | 01-Jun-2017 to 31-May-2018 | Organized Research | Grant         |
| Mallipattu, Dr. Sandeep; Haley, Dr. John : Bogenhagen, Dr. Daniel F | Transcriptional Control of Mitochondrial Function by KLF6 in Diabetic Kidney Disease  | National Inst of Diabetes Digestive Kidney Disease | 1,756,950.00              | 12-Jun-2017 to 30-Apr-2018 | Organized Research | Grant         |
| Goroff, Dr. Nancy S;  | Graduate Student Research for Ivan Orozco: Characterization of Supported Metal and Metal Oxide Nanoclusters as Model Systems for C1 Chemistry                                 | Brookhaven Science Associates LLC                  | 140,217.97                | 15-Jun-2017 to 10-Jun-2020 | Training           | Subcontract   |
| White, Dr. Michael G.;  | Graduate Student Research for Yilin Ma: Controlling Electron Transfer at Cluster-Support Interfaces   | Brookhaven Science Associates LLC                  | 143,961.97                | 15-Jun-2017 to 10-Jun-2020 | Training           | Subcontract   |
| Khalifah, Dr. Peter;  | Graduate Student Research Funds for Liang Yin: Characterization for Battery500 Consortium. Focusing on Cathodes and their integration into batteries with high energy density | Brookhaven Science Associates LLC                  | 84,827.69                 | 15-Jun-2017 to 10-Jun-2020 | Training           | Subcontract   |
| Sampson, Dr. Nicole S; Balazsi, Dr. Gabor                           | Validating Cholesterol-Mediated Mycobacterium Tuberculosis Resistance to Oxidative Stress as a Drug Target  | National Institute of Allergy & Infectious Disease | 1,964,842.00              | 19-Jun-2017 to 31-May-2018 | Organized Research | Grant         |

| Principal & CoPrincipal Investigator(s)   | Award Name   | Sponsor Name                                   | Total Award Amount in USD | Dates                      | NACUBO              | Award Purpose |
|---|--|--|---------------------------|----------------------------|---------------------|---------------|
| Arvanian, Dr. Victor Levon;   | MOU for Li Liang: PART and IDEA in Spinal Cord Injury (Round 1)/Institutional Support for Spinal Cord Injury (Round 6) | Research Corporation of Long Island            | 52,658.76                 | 01-Jul-2017 to 31-Dec-2017 | Organized Research  | Subcontract   |
| Allison, Dr. Thomas;  | Widely Tunable Cavity-Enhanced Ultrafast Spectroscopy and the Dynamics of Hydrogen Bond Networks                       | National Science Foundation                    | 501,913.00                | 01-Jul-2017 to 31-Jul-2020 | Organized Research  | Grant         |
| Sherwin, Dr. Rhona;   | School-Based Dental Sealant Program  | NYS Department of Health                       | 250,000.00                | 01-Jul-2017 to 30-Jun-2018 | Public Services     | Contract      |
| Eliscu, Dr. Allison; Beneri, Dr. Christy : Schuval, Dr. Susan : Murdocco, Dr. Richard | Adolescent/Young Adult HIV Specialized Care Centers (SCC)  | NYS Department of Health                       | 114,637.00                | 01-Jul-2017 to 30-Sep-2017 | Public Services     | Contract      |
| Eliscu, Dr. Allison;  | Pre-Exposure Prophylaxis (PrEP) Services in General and HIV Primary Care Settings                                      | NYS Department of Health                       | 110,104.00                | 01-Jul-2017 to 30-Sep-2017 | Public Services     | Contract      |
| Garcia-Diaz, Dr. Miguel;  | Training Program in Pharmacological Sciences   | National Institute of General Medical Sciences | 1,517,887.00              | 01-Jul-2017 to 30-Jun-2018 | Training            | Grant         |
| Khalifah, Dr. Peter;  | Design of Ceramics with Isotropic Superionic Conductivity  | National Science Foundation                    | 175,000.00                | 01-Jul-2017 to 30-Jun-2019 | Organized Research  | Grant         |
| Ferguson, Dr. David L;  | CSTEP: Collegiate Science and Technology Entry Program   | NYS Education Department                       | 112,338.00                | 01-Jul-2017 to 30-Sep-2017 | Educational Support | Contract      |
| Ferguson, Dr. David L;  | STEP: Science and Technology Entry Program 2017-2018   | NYS Education Department                       | 116,110.00                | 01-Jul-2017 to 30-Sep-2017 | Educational Support | Contract      |

| Principal & CoPrincipal Investigator(s)  | Award Name  | Sponsor Name                                   | Total Award Amount in USD | Dates                      | NACUBO              | Award Purpose |
|--|---|--|---------------------------|----------------------------|---------------------|---------------|
| Sampson, Dr. Nicole S; Tonge, Dr. Peter J.   | SBU Chemistry-Biology Interface Training Program  | National Institute of General Medical Sciences | 665,686.00                | 01-Jul-2017 to 30-Jun-2018 | Training            | Grant         |
| Frohman, Dr. Michael A;  | Medical Scientist Training Program  | National Institute of General Medical Sciences | 1,393,512.00              | 01-Jul-2017 to 30-Jun-2018 | Training            | Grant         |
| Hobbs, Dr. John D; Schamberger, Mr. Robert D : Tsybychev, Mr. Dmitri : Piacquadio, Dr. Nicola Giacinto | Experimental Studies of the Higgs Mechanism in the Standard Model and Beyond  | National Science Foundation                    | 1,349,998.00              | 01-Jul-2017 to 30-Jun-2020 | Organized Research  | Grant         |
| Rohan, Dr. Annie;  | Scholarships for Disadvantaged Students   | Health Resources and Services Admin            | 1,737,676.00              | 01-Jul-2017 to 30-Jun-2018 | Educational Support | Grant         |
| Mallipattu, Dr. Sandeep;   | Kruppel-Like Factor 15 is Critical to the Identification of Novel Therapeutics in Chronic Kidney Disease            | American Heart Association Founders Affiliate  | 77,000.00                 | 01-Jul-2017 to 30-Sep-2017 | Organized Research  | Grant         |
| Rubenstein, Dr. Wei; Rubenstein, Dr. David A : McMahon, Dr. Mary D.                                    | Altered Flow Changes Thrombin Generation Rate   | American Heart Association Incorporated        | 77,000.00                 | 01-Jul-2017 to 30-Jun-2018 | Organized Research  | Grant         |
| Oganov, Dr. Artem;   | Prediction and Characterization of Novel Earth-forming Minerals using Advanced ab Initio Simulations                | National Science Foundation                    | 346,000.00                | 01-Jul-2017 to 30-Jun-2018 | Organized Research  | Grant         |
| Ye, Dr. Fan; Milder, Dr. Peter : Yang, Dr. Yuan Yuan   | CRI: II-New: Pebbles: A Modular, Composable Hardware and Software Platform for Pervasive Edge Sensing and Computing | National Science Foundation                    | 822,419.00                | 01-Jul-2017 to 30-Jun-2020 | Organized Research  | Grant         |

| Principal & CoPrincipal Investigator(s)  | Award Name   | Sponsor Name                                   | Total Award Amount in USD | Dates                      | NACUBO             | Award Purpose         |
|--|--|--|---------------------------|----------------------------|--------------------|-----------------------|
| Nikiforakis, Dr. Nikolaos;   | XS-Shredder: A Cross-Layer Framework for Removing Code Bloat in Web Applications             | Arizona State University                       | 289,691.00                | 01-Jul-2017 to 30-Jun-2018 | Organized Research | Subcontract           |
| Marino, Dr. Marie; Monahan, Dr. Kathleen : Truhlar, Dr. Mary R : Bruckenthal, Dr. Patricia : Cannella, Ms. Dolores : Sloane, Dr. Carol | Nurse Education, Practice, Quality, and Retention - Interprofessional Collaborative Practice | Health Resources and Services Admin            | 496,013.00                | 01-Jul-2017 to 30-Jun-2018 | Training           | Cooperative Agreement |
| Balasubramanian, Dr. Aruna; Das, Dr. Samir R. : Samaras, Dr. Dimitris : Zelinsky, Dr. Gregory  | NeTS: Small: Improving Web User Experience Using Eye Gaze                                    | National Science Foundation                    | 495,305.00                | 01-Jul-2017 to 30-Jun-2020 | Organized Research | Grant                 |
| Kuan, Dr. Pei Fen; Bromet, Dr. Evelyn J : Luft, Dr. Benjamin J : Waszczuk, Dr. Monika Aldona   | Longitudinal Genome-Wide Transcriptome Study of PTSD Symptom Change in WTC Responders        | Centers for Disease Control and Prevention     | 1,490,932.00              | 01-Jul-2017 to 30-Jun-2018 | Organized Research | Cooperative Agreement |
| Khuri, Dr. Marcus;   | Mass, Geometric Inequalities, and Partial Differential Equations in General Relativity       | National Science Foundation                    | 174,000.00                | 01-Jul-2017 to 30-Jun-2020 | Organized Research | Grant                 |
| Role, Dr. Lorna; Talmage, Dr. David  | Genetic Tools and Imaging Technology for Mapping Cholinergic Engrams of Anxiety              | National Institute of Mental Health            | 379,913.00                | 01-Jul-2017 to 30-Jun-2018 | Organized Research | Cooperative Agreement |
| Mahajan, Dr. Devinder;   | Institute of Gas Innovation and Technology (I-GIT)   | National Grid                                  | 100,000.00                | 01-Jul-2017 to 30-Jun-2018 | Organized Research | Contract              |
| Rosenquist, Dr. Thomas;  | DNA Adduct Genomics  | National Inst of Environmental Health Sciences | 438,000.00                | 01-Jul-2017 to 30-Jun-2018 | Organized Research | Grant                 |

| Principal & CoPrincipal Investigator(s)    | Award Name   | Sponsor Name                                       | Total Award Amount in USD | Dates                      | NACUBO             | Award Purpose |
|--|--|--|---------------------------|----------------------------|--------------------|---------------|
| Huang, Dr. Hechang;                        | Molecular Mechanisms of Regulation of Bone Remodeling and Orthodontic Tooth Movement by Vascular Endothelial Growth Factor           | National Institute of Dental & Craniofacial Res    | 458,420.00                | 01-Jul-2017 to 30-Jun-2018 | Organized Research | Grant         |
| Lazarsfeld, Dr. Robert;                    | Research in Algebraic Geometry: Irrationality of Algebraic Varieties and Koszul-Wahl Cohomology Groups                               | National Science Foundation                        | 400,044.00                | 01-Jul-2017 to 30-Jun-2018 | Organized Research | Grant         |
| van der Velden, Dr. Adrianus;              | Role of inflammatory monocytes in Salmonella-induced colitis   | National Institute of Allergy & Infectious Disease | 432,912.00                | 14-Jul-2017 to 30-Jun-2018 | Organized Research | Grant         |
| Yang, Dr. Yuanyuan;                        | SHF: Small: A Versatile, Adaptive Network Architecture for Combating Traffic Heterogeneity in Data Centers                           | National Science Foundation                        | 450,000.00                | 15-Jul-2017 to 30-Jun-2020 | Organized Research | Grant         |
| Shterengas, Dr. Leon; Belenky, Dr. Gregory | Collaborative Research: Compact Room Temperature Operated THz Emitters with Scalable Architecture and Low Electric Power Consumption | National Science Foundation                        | 306,000.00                | 15-Jul-2017 to 30-Jun-2020 | Organized Research | Grant         |