

RESEARCH NEWS

QUARTERLY NEWSLETTER FROM THE OFFICE OF THE VICE
PRESIDENT FOR RESEARCH

FALL 2017

Dear Members of the Stony Brook Research Community,

I begin this newsletter by informing the research community of several personnel changes within the leadership of the Office of the Vice President for Research. Earlier this fall I was very pleased to announce that Alina Azzam-Stroia was appointed as Director of the Office of Sponsored Programs. Alina has been a member of OSP since 2001, spending the past year as Interim Director. She brings new energy to this front-line team that directly supports investigators across the University, and will help to develop new procedures to improve services.



With regret, I also must note two significant departures, one that has recently occurred and another that will be occurring before the end of the year. Adnan Rangwala, Director of Enterprise Systems for Research, left Stony Brook on November 3rd to take a position as Director of IT for Research Administration at NYU-Langone Health in New York City. During his 11 years in our Office, Adnan has provided outstanding leadership in technical and IT matters, enabling efficient use of enterprise systems as well as guiding our future investment strategies for research support. Raymond Chan, Director of Enterprise Applications and Integrations in DOIT, has kindly agreed to serve as an interim replacement until this position is filled.

Judy Matuk, long-time Assistant Vice President of the Office of Research Compliance, has announced her retirement effective December 22, 2017. Judy has served in this position for nearly 30 years, providing outstanding leadership for all areas of Stony Brook's research compliance, including the IRBs, IBC, IACUC, and compliance programs. Judy prided herself with raising our human research protection programs to the highest standards. We have already launched a search for Judy's replacement and hope to have this position filled by March. Dr. Margaret McNurlan, Professor in the Department of Surgery, has graciously agreed to serve as Interim Director of ORC until a permanent replacement is identified. Margaret brings with her considerable experience in human research protection, having served on one of our IRBs for many years. Dr. McNurlan will also be Interim Research Integrity Officer.

The timing of these departures comes amidst two major ongoing projects. One is the re-accreditation of our human research protection program by the independent accrediting body AAHRPP. This accreditation, which Stony Brook has held since 2010, is given only to those institutions that adhere to the highest ethical standards for research. Judy has ably launched this year-long re-accreditation process and is currently working closely with our staff to ensure a smooth transition toward completion in mid-2018.

The second major project currently underway is the implementation of the Huron Click online portal, which will integrate proposal management and research compliance functions once completed. Adnan has served very capably as project director for the Huron Click project since its inception, providing a virtual blueprint for its staged implementation. Researchers are already aware that the Conflict of Interest module has been in use for six months now, which has eliminated the need to submit new disclosures with each new proposal submission. The next modules scheduled for implementation are IRB and Grants, both of which are now being configured. Judy Matuk's team in ORC has worked closely with Research IT group to permit a smooth transition from IRBNet to Huron's IRB module. While the departures of Judy and Adnan certainly represent a loss for us, we do not anticipate any major delays with implementation of these important modules.

Those of you who have read previous newsletters know that the campus research community has been engaged in a year-long project to examine administrative burdens that investigators face at Stony Brook. I am pleased to announce that the final report for this project, Facilitating Researcher Success, has just been completed. President Stanley has been given a copy for his consideration, and senior leaders across the University have been briefed on the main findings. I am very encouraged that we will be able to introduce substantive changes that will streamline a range of administrative procedures and provide greater support for investigators. In a future newsletter, I plan to highlight the most significant outcomes of the project and report on progress for implementing its many recommendations.

Finally, let me reiterate that I always welcome suggestions from across the University. So, feel free to share any thoughts that you have concerning our research enterprise.

Regards,



Richard J. Reeder
Vice President for Research

OVPR New Faculty (Research) Orientation

The annual OVPR new faculty research orientation was held on October 4, 2017 and was attended by 30 investigators. The two-hour orientation provided an overview of each of the six units of the OVPR and allowed for valuable networking time. At the request of numerous faculty, we will now offer this orientation twice a year. SAVE THE DATE for the spring orientation (tentatively) scheduled for Wednesday March 28, 2018 from 11am-1pm. More information to come.

Farewell to Adnan Rangwala

It is with deep regret that we bid farewell to Adnan Rangwala as he decided to pursue a new opportunity.

During his 16 years at Stony Brook University, Adnan was an invaluable asset to the OVPR team and the campus community. His IT expertise coupled with his intricate knowledge of the research administration process will be sorely missed and hard to replace.

Adnan was responsible for a portfolio of reports for Sponsors and outside constituents, the OVPR Office and the campus community on all aspects of research credit, expenditures, benchmarks and accomplishments. His understanding of the criteria and interpretation of the data was expert and critical to the daily needs of the campus.

He led the Huron Click project, which is tasked to bring a comprehensive suite of electronic research administration solutions to the campus. Thanks to his efforts and guidance, the project is on time and has already delivered improvements through the campus implementation of the electronic Conflict of Interest process. Click IRB is slated to go live this winter and work is currently underway to bring the Grants module to the campus early next year. The project will also bring a robust menu of research reporting tools to the researcher, the Chairs and Deans, and campus administration.

We wish Adnan best of luck and greatest success in his future endeavors.



Photo from Huron Click Launch Event on 9/30/2016

myResearch (Huron Click) Implementation Continues; IRB Go Live Coming Soon

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 1600 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 Departmental Administrator's Committee tested the module and feedback have been positive.

Proposal Submission (Grants Module)

The implementation of the Grants/Proposal module has been started.

Input from the Departmental Administrators Committee, Deans' Offices and FRS Grants Committee contributed to the definitions of requirements for the Grants module.

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 or submitting the feedback form by clicking [here](#).

Project updates are available [here](#).

Funding Opportunity: SUNY Technology Accelerator Fund Accepting Proposals

*Office of Technology Licensing and Industry
Relations (OTLIR)*

The Research Foundation is pleased to announce that the application period for the SUNY Technology Accelerator Fund Class of 2018 is now OPEN!

The SUNY Technology Accelerator Fund (TAF) provides investments to support the Faculty, staff, and students from all disciplines and campuses are encouraged to submit proposals for the SUNY Technology Accelerator Fund Class of 2018 funding. **The deadline for submitting proposals to the OTLIR is Monday, January 15 , 2018.** See [TAF Class of 2018 Application and Administrative Guidelines](#).

License Agreement Executed with Neural Net, Inc.

*Office of Technology Licensing and Industry
Relations (OTLIR)*

NeuralNet, Inc., a start-up corporation in the US, has licensed a University patent that helps electric utility dispatch controllers provide better service by pinpointing outages on the electric distribution network in real time. Low cost sensors construct a topological map of the grid using mesh networks to communicate seamlessly with a utility's outage management system. A pilot at Brookhaven National Lab is in the planning stages.

Reminder: KeraFAST License Agreement

*Office of Technology Licensing and Industry
Relations (OTLIR)*

The Research Foundation on behalf of Stony Brook University has a license agreement in place with KeraFAST (www.kerafast-inc.com), a Boston-based research reagent company whose primary mission is to make unique and non-commercially available research reagents easily accessible to the global scientific community. KeraFAST presents an opportunity for SBU investigators to outsource the distribution of materials that are frequently requested through Material Transfer Agreements. KeraFAST also offers a generous royalty to the providing institution:

- 33% royalty rate if the investigator packs and ship the materials to the customer (packing material and labels will be provided by KeraFAST)
- 25% royalty rate if the investigator prefers that KeraFAST packs and ships the material to the customer (KeraFAST will cover the shipping cost)
- Forty-percent (40%) of the royalty will be distributed to the developers of the reagents in accordance with Stony Brook University's royalty distribution policy.

KeraFAST will market and sell the following materials: Enzymes, Labels/Couplings Signaling Chemicals, Monoclonal antibodies, Drug leads, Plasmids, Polyclonal antibodies, Biomaterials, Virus/Vectors, Imaging Agents/Dyes, Plant materials, Bacteria, Compounds/Molecules, Proteins/Peptides, Matrices/Substrates, Growth Factors, Tissue Samples, Probes, Enzyme Inhibitors/Modulators, Frozen Embryos. **No animals.**

KeraFAST promotes these research reagents through their digital catalog allowing other scientists to buy reagents through a quick and simple material transfer agreement.

How does it work? Investigators who want their reagents listed on KeraFAST's website should contact the Office of Technology Licensing and Industry Relations (OTLIR) and file a New Technology Disclosure (<http://research.stonybrook.edu/otlir>). OTLIR will send the investigator the specification sheet for the specific reagent and contact KeraFAST. Investigators who have materials listed on KeraFAST's website should have a small amount available for immediate shipping, the goal is to have an aliquot equate to about 10 experiments. Once an order comes in, KeraFAST will contact the providing lab and provide the lab with all necessary shipping material. KeraFAST will also reimburse the cost of dry ice. All customer's questions and technical inquiries will be handled by KeraFAST.

Investigators interested in selling research reagents through KeraFAST should contact:

Valery Matthys
Valery.matthys@stonybrook.edu
631-632-6561

OVRP Generated Salary Offset Transactions - Campus Wide

Office of Grants Management

We are pleased to announce that effective **1/1/18**, the process for generating the transactions that create salary offset payments, commonly known as IFR, will be performed by the OVRP. Salary Offset (IFR) process creates an encumbrance and the monthly payments for effort that was included in research proposals. Salary Offset (IFR) payments reimburse the university for time spent conducting research, and is directly related to the proposed objectives for that effort. Since proposals are endorsed by a Principal Investigator's respective Chair and Dean, the level of reimbursed and/or non-reimbursed effort has been approved for participation in the research activity. Therefore, we are assuming the responsibility for the

execution of these actions, directly from the award establishment information. As award continuations and extensions are implemented, the same process for initiating Salary Offset (IFR) payments will be utilized.

The OVRP has been providing this service to the School of Medicine Departments for more than eight years and it has proven to reduce administrative effort on the part of Principal Investigators and their staff, as well as ensuring that the university is compliant with the expectations of federal funding agencies with respect to committed effort for research awards.

In the coming weeks, the OVRP will provide guidance regarding this process, with an outline of the procedure for this important service improvement and campus wide process.

Modification to Effort Reporting Periods- Effective Immediately

Office of Grants Management

With the federal implementation of Office of management and Budget's Uniform Administrative Requirements, (UG) it has been determined that we have the ability to reduce the number of times Principal Investigators must perform what is known as Effort Certification.

Uniform Guidance indicates that we are expected to establish and maintain effective internal controls over Federal Awards and provide reasonable assurance that awards are being managed in compliance with federal, regulations, and the terms and conditions of sponsored award. While we must still maintain a process that verifies, after the fact, what level of participation, or effort was provided to research awards, the campus will transition to a process that collects this information twice a year rather than the previous practice of three times a year.

Effective immediately Stony Brook will implement a Effort Reporting cycles that coincides with the end of

the full academic semester and again at the end of the summer semester.

Questions regarding this change in policy can be sent to: effortreporting@stonybrook.edu.

Updates to our Human Research Protection Program

Office of Research Compliance

New Common Rule Update

A proposed rule recently spotted on the White House Office of Information and Regulatory Affairs website is titled: “*Federal Policy for the Protection of Human Subjects: Proposed 1-Year Delay of the General Implementation Date While Allowing the Use of Three Burden-Reducing Provisions During the Delay Year*”. So we may get the reprieve we’ve been looking for since January. No word yet on whether or not the rule will be passed, and no word about which ‘three burden-reducing provisions’ will be permitted during the delay, but we will surely keep you posted as soon as we hear the (hopefully good) news!

Reminder about some of the submission changes coming in the new e-system, myResearch

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 will not 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 e-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; multicenter) protocol . The supplement 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.

For additional IMPORTANT updates and reminders that have been sent to the IRB-approved research community in the past few weeks, please visit

<http://research.stonybrook.edu/orc>

Any questions pertaining to these updates may be directed to Judy Matuk at judy.matuk@stonybrook.edu

‘Strategies and Tactics for Preparing Your NIH R-Type Research Applications’ Workshop

Office of Proposal Development

The Office of Proposal Development in conjunction with the Office of Scientific Affairs in the School of Medicine hosted a two part NIH R-type workshop presented by Beth Schachter of Beth Schachter Consulting. The workshop series, attended by over 50 investigators, included two sessions: the first on November 8th and the second on November 15th. As a final step, attendees to both workshops will be offered a one hour 1:1 consultation with Beth Schachter. Be on the look-out for future grant-writing workshops like these. Any feedback or other suggestions can be communicated to: opd_ovpr@stonybrook.edu.

Funding Opportunities for Early Career Investigators

Office of Proposal Development

A critical mission of the OPD is to support junior faculty members in the proposal development and submission process. Identifying funding opportunities to support our faculty’s research interests are a crucial step to the process. The OPD website has a section dedicated to [Funding Opportunities for Early Career Investigators](#). Please be sure to take a look and feel free to contact our office with any questions/concerns.

New Funding Opportunities Database

Office of Proposal Development

The Office of Proposal Development will be launching a new mechanism to ensure that the campus community receives a broad range of federal and nonfederal funding opportunities. We plan to officially announce the new system by the end of this year and we will offer training sessions on how to navigate through the system. More details to be released in the upcoming months.

Join the OPD Google Group

Office of Proposal Development

Please remember to join OPD’s Google Group to 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'

HRS RF Benefits Open Enrollment is November 1 to 30, 2017

Human Resource Services

Open enrollment is your chance to choose the coverage you want for 2018 in the following plans: Health Care, Dental Care, Vision Care, Health Care Flexible Spending Account (FSA) and Dependent Care Flexible Spending Account (FSA).

To enroll, log in to the Employee Self Service website at www.rfsuny.org/selfservice, starting November 1, 2017. (For best results, always use Internet Explorer.)

For questions about Benefits, call Human Resource Services Benefits at (631) 632-6180 or contact them by email at HRS_Benefits@stonybrook.edu.

New York State Paid Family Leave

Human Resource Services

Recently, the New York State Paid Family Leave law was passed and it presents some important changes for Research Foundation (RF) employees. The following is a brief summary:

New York Paid Family Leave (PFL) provides job-protection and income replacement to eligible employees who need to be away from work for the following reasons:

- To take care of a seriously ill family member (spouse, domestic partner, child, parent, parent-in-law, grandparent, grandchild);
- To bond with a newborn, adopted, or foster child in the first 12 months after birth or placement;
- Or to attend to family issues related to a qualifying military deployment.

The law is effective January 1, 2018. Further details will be provided to RF employees and supervisors.

Grant.gov Workspace- Register Now

Office of Sponsored Programs

On December 31, 2017, Grants.gov will retire its legacy, downloadable PDF application packages. Starting **December 1, 2017**, all SBU applicants will be required to submit their applications through [Grants.gov Workspace](#), a shared, online environment where multiple users can simultaneously work on different forms within an application package. *This does not apply to proposals submitted through the NSF Fastlane system, NIH ASSIST system or NASA NSPIRES.*

Each user must now [register](#) as an Organization Applicant and not as an individual. Register under Organization Applicant DUNS 804878247.

OSP introduces Monthly Bulletins

Office of Sponsored Programs

In addition to the OVPR Newsletter which remains the primary mechanism of news dissemination on behalf of OVPR, starting November 2017, our office will roll out a monthly Bulletin which will be used as a tool to communicate OSP news and updates with the research community. The OSP Bulletin will be shared on an opt in basis through subscription to our [listserv](#). We hope to hear from the research community on their interests, comments and ideas which will make this Bulletin a document they will use for future reference.

Upcoming Conferences, Seminars and Internal Training

Office of Sponsored Programs

COEUS training classes

Access this [link](#) for upcoming training dates. Note that classes are available every 3rd Friday of each month. For any additional questions regarding the training classes, please email Anne DePietri at annette.depietri@stonybrook.edu, or call at extension 2-4702.

NCURA Traveling Workshops

New York, NY ~ December 4-6, 2017

Atlanta, GA ~ December 4-6, 2017

<http://www.ncura.edu/Education/TravelingWorkshops.aspx>

Sponsor/Agency Updates

Office of Sponsored Programs

NIH Updates

Update on NIH “Forms-E” Grant Application Forms

From time to time NIH updates their application forms to maintain consistency with Grants.gov and Office of Management and Budget federal-wide requirements, and to incorporate changes in NIH policies and processes. NIH issued a Guide notice on April 27, announcing how they are gearing up for a transition from the current forms (“FORMS-D”) to the next iteration of forms for due dates on or after January 25, 2018.

Highlights of the new FORMS-E will include:

- Consolidation of human subjects, inclusion enrollment, and clinical trial information previously collected across multiple agency forms
- Expansion and use of discrete form fields for clinical trial information to
 - provide the level of information needed for peer review;
 - lead applicants through clinical trial information collection requirements;
 - present key information to reviewers and agency staff in a consistent format; and
 - align with ClinicalTrials.gov (where possible) and position NIH for future data exchange with ClinicalTrials.gov
- Incorporation of recent Grants.gov changes to R&R Budget and SBIR/STTR Information forms

Beginning October 25th, NIH will begin to post funding opportunities with the new FORMS-E packages. Please note that between October 25th and January 24th, NIH Funding Opportunities may list 2 application packages for the same opportunity.

Read the NIH Guide Notice for more information: NOT-OD-17-062.

Clarification and Update: Salary Supplementation and Compensation on Research Career Development (“K”) Awards

NIH has issued notice NOT-OD-17-094 to clarify and update policies for [Research Career Development \(“K”\) Awards](http://Research Career Development (“K”) Awards). Recipient institutions may supplement the NIH or AHRQ salary contribution on “K” awards up to a level that is consistent with the institution's salary scale. *For effort directly committed to the “K” award*, salary supplementation is allowable, but must be from non-Federal sources (including institutional sources). Non-Federal or institutional supplementation of salary must not require extra duties or responsibilities that would interfere with the goals of the “K” award. *For effort not directly committed to the “K” award*, “K” award recipients may devote effort, with compensation, on Federal or non-Federal sources as the Program Director/Principal Investigator (PD/PI) or in another role (e.g., co-Investigator), as long the specific aims of the other supporting grant(s) differ from those of the “K” award.

eRA Enhancement: Ability to Request Additional Materials for Interim Research Performance Progress Report (RPPR) via Commons

As of September 20, 2017, a new capability has been added to eRA Commons. Awarding agencies are able to request additional materials for an Interim RPPR from the principal investigator (PI) and signing official (SO) via eRA Commons. The SO and PI will receive an email request from the program official at the awarding agency. They will also see the Interim Progress Report Addition Materials (IRAM) link requesting the information on the Status Results screen, in the Available Actions column.

As with the RPPR, a PD/PI (or Contact PI, in the case of multiple PIs) can enter the IRAM. However, only the SO can submit an IRAM to the agency.

NSF Updates

NSF Proposal and Award Policy Newsletter

The third issue (Aug/Sep 2017) of the NSF Proposal & Award Policy Newsletter is available on the NSF website:

<https://www.nsf.gov/pubs/2017/nsf17119/nsf17119.pdf>

Training in Responsible Conduct of Research

The National Science Foundation (NSF) requires that each institution submitting a proposal certify that it has a plan to provide appropriate training and oversight in the ethical conduct of research to all under graduates, graduate students, and postdoctoral researchers who will be supported by NSF to conduct research. The institutions are responsible for verifying that the training has been received. This is in accordance with the 2007 America COMPETES Act. See [NSF Notice No. 140](#) for more information.

Cybersecurity Requirements in Federal Contracts - DFARS Compliance

Office of Sponsored Programs

The Department of Defense recently changed their acquisition requirements regarding the safeguarding of government controlled unclassified information residing on or transmitting through a government contractor's internal network. The new requirement requires government contractors to meet a specific National Institute of Standards and Technology (NIST) standard by December 31st, 2017.

Contracts and subcontracts that are required to comply with this NIST standard will include DFARS Clause [252.204-7012](#), Safeguarding Covered Defense Information and Cyber Incident Reporting. This clause requires the contractor to implement NIST Special Publication (SP) 800-171 which contains additional IT security controls. Applications and/or agreements for contracts and subcontracts

containing this clause will require a detailed review by our office in close collaboration with the Export Control and Privacy Officers. As our institution's internal network is not currently compliant with this requirement, we must notify the DoD Chief Information Office, within 30 days of an award, of any NIST SP 800- 171 requirement that has not been implemented at time of award.

Note: THIS DOES NOT apply to grants.

Staff News

Alina Azzam-Stroia is new Director of the Office of Sponsored Programs



We are pleased to announce that effective October 2, 2017, Alina Azzam-Stroia has assumed the role as Director of the Office of Sponsored Programs.

Many of you know that Alina has served in the interim director role since September 2016, during which time she has demonstrated strong leadership, a breadth of technical knowledge, and unwavering commitment to customer service. Her expertise in the clinical research enterprise is especially relevant to large scale efforts in the School of Medicine, such as the Cancer Center designation. As a member of the senior staff in the Office of the Vice President for Research, Alina will lead a highly experienced and dedicated staff and reports to Nina Maung, Associate VP for Research.

Alina holds a Master's degree in Domestic and International Business and a Bachelor's degree in Transportation Engineering.

In December 2001, Alina joined the Office of Sponsored Programs as a Contracts and Clinical Trials Administrator. In November 2015, she was promoted to Assistant Director of the Office of Sponsored Programs. Alina also co-chairs the Departmental Administrators Committee (DAC) and is playing a vital role in the successful implementation of the grants module of myResearch (Huron Click).

We would like to thank the members of the search committee for their time and efforts: Tim Glotch (Geosciences), Karen Warren (SoMAS), Sheila Routh (OGM), Sheri Clark (OPD), Lynn Allopenna (IACS), Amy Marschilok (Materials Science), Miguel Garcia-Diaz (Pharmacology), Lina Obeid (SOM), Stella Tsirka (Provost Office), Pete Donnelly (OTLIR), Adnan Rangwala (OVPR/DoIT), and Jon Longtin (Mechanical Eng).

Jennifer Hsieh joins OSP as a Clinical Trials/Contracts Administrator

Office of Sponsored Programs

The Office of Sponsored Programs is pleased to announce its most recent hire of Shiu Yie (Jennifer) Hsieh. Jennifer has joined the OSP team at the beginning of September as a Clinical Trials and Contracts Administrator. Jennifer, while new in the Office of Sponsored Programs, has extensive contract negotiation expertise and great understanding of the complex scientific aspects of clinical research. She previously worked as a technology transfer and licensing professional in Cold Spring Harbor Laboratory and Stony Brook University where she managed intellectual property protection and commercialization for life sciences related innovations. Welcome Jennifer!

New Awards from July 16, 2017 to October 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
Frohman, Dr. Michael A; Yu, Mr. Allen T.	NRSA for Allen Yu: Probing the Role of Highly Expressed lncRNA in Hepatocellular Carcinoma	National Cancer Institute	71,168.00	16-Jul-2017 to 15-Jul-2018	Training	Grant
Nachman, Dr. Sharon A;	HRSA Ryan White Part D WICY (2017)	Health Resources and Services Admin	2,487,717.00	01-Aug-2017 to 31-Jul-2018	Public Services	Grant
Jia, Dr. Shu; Frohman, Dr. Michael A ; Tsirka, Dr. Styliani-Anna	Exploring Single-Molecule Biophotonics for Ultrahigh-Resolution Spatiotemporal-Multiplexed Optical Microscopy	National Institute of General Medical Sciences	1,967,723.00	01-Aug-2017 to 31-Jul-2018	Organized Research	Grant
Hollingsworth, Dr. Nancy M;	Analysis of Meiotic Chromosome Synapsis in Yeast	National Institute of General Medical Sciences	1,841,268.00	01-Aug-2017 to 31-Jul-2018	Organized Research	Grant
Solomon, Dr. Irene C; Collins, Dr. William F III	Therapeutic Potential of Intermittent Hypoxia-Induced Plasticity on Bladder and Respiratory Function Following Thoracic Spinal Cord Injury	US Army Medical Research Acquisition Activity	783,262.00	01-Aug-2017 to 31-Jul-2018	Organized Research	Grant
Lu, Amy Peng-Chun;	Collaborative Research: Physiological Signatures of Variable Weaning Strategies in Wild Primates	National Science Foundation	369,090.00	01-Aug-2017 to 31-Jul-2018	Organized Research	Grant
Gersappe, Dr. Dilip;	STTR Phase II: Numerical Tools for Predicting Drug Dissolution Profiles	RES Group Inc	148,992.00	01-Aug-2017 to 31-Jul-2018	Organized Research	Subcontract

Principal & CoPrincipal Investigator(s)	Award Name	Sponsor Name	Total Award Amount in USD	Dates	NACUBO	Award Purpose
Farhadzadeh, Dr. Ali;	Coastal Resiliency and Morphodynamic Responses to Storm Surge and Seiche in Eastern Lake Erie	NYS Energy Research and Development Authority	265,696.00	01-Aug-2017 to 30-Sep-2019	Organized Research	Contract
Duong, Dr. Tim; Sibony, Dr. Patrick A	Transfer: Magnetic Resonance Imaging of Glaucoma	National Eye Institute	257,301.74	01-Aug-2017 to 31-Aug-2018	Organized Research	Grant
Flood, Dr. Roger D;	Long Island Sound Mapping - Phase 2	Trustees of Columbia University in the City of New York	384,303.00	01-Aug-2017 to 30-Jul-2018	Organized Research	Subgrant
Mallipattu, Dr. Sandeep; Yang, Dr. Vincent ; Estrada, Dr. Chelsea	NRSA for Chelsea Estrada: The Role of Kruppel-Like Factor 4 as a Key Mediator of Renal Endothelial Injury in Antibody Mediated Rejection	National Inst of Diabetes Digestive Kidney Disease	215,730.00	04-Aug-2017 to 03-Aug-2018	Fellowships	Grant
Bell, Dr. Michael A;	Preparation of Research Collections to Deposit in Museums	National Science Foundation	107,750.00	15-Aug-2017 to 31-Jul-2018	Organized Research	Grant
Sirotkin, Dr. Howard;	Development of a Zebrafish PD Drug Discovery Platform	National Inst of Neurological Disorders & Stroke	154,287.00	15-Aug-2017 to 31-Jul-2018	Organized Research	Grant
Aller, Dr. Robert C; Aller, Dr. Josephine Y ; Zhu, Dr. Qing-Zhi	Coupling of Carbonate Cycling and Redox Reactions in the Bioturbated Zone of Marine Sediments	National Science Foundation	863,043.00	15-Aug-2017 to 31-Jul-2020	Organized Research	Grant
Raleigh, Dr. Daniel P;	Interaction of Amyloidogenic Proteins with Asymmetric Membranes	National Science Foundation	749,999.00	15-Aug-2017 to 31-Jul-2021	Organized Research	Grant

Principal & CoPrincipal Investigator(s)	Award Name	Sponsor Name	Total Award Amount in USD	Dates	NACUBO	Award Purpose
Reed, Dr. Kevin;	Collaborative Research: Understanding the Origins of Hazardous Convective Weather Environments through Reduced-Complexity Climate Modeling Experiments	National Science Foundation	330,829.00	15-Aug-2017 to 31-Jul-2020	Organized Research	Grant
Wang, Dr. Xin;	SpecEES: Collaborative Research: Spatially Oversampled Dense Multi-Beam Millimeter-Wave Communications for Exponentially Increased Energy-Efficiency	National Science Foundation	187,500.00	15-Aug-2017 to 31-Jul-2020	Organized Research	Grant
Harrison, Dr. Robert;	SPX: Collaborative Research: Dependence Programming and Optimization of Scalable Irregular Numerical Applications	National Science Foundation	200,000.00	15-Aug-2017 to 31-Jul-2020	Organized Research	Grant
Chapman, Dr. Barbara;	SPX: Collaborative Research: Cross-Layer Application-Aware Resilience at Extreme Scale (CAARES)	National Science Foundation	266,674.00	15-Aug-2017 to 31-Jul-2020	Organized Research	Grant
Gao, Dr. Jie;	Collaborative Research: ATD: Theory and Algorithms for Discrete Curvatures on Network Data from Human Mobility and Monitoring	National Science Foundation	100,000.00	15-Aug-2017 to 31-Jul-2020	Organized Research	Grant
Figueroa Barragan, Dr. Eden;	OP: Full Temporal Characterization of Interacting Photon Wavefunctions Using Real-Time Multi-Mode Quantum Measurements	National Science Foundation	320,000.00	15-Aug-2017 to 31-Jul-2018	Organized Research	Grant
Tannenbaum, Dr. Allen;	Characterizing the Gylmphatic Peri-Vascular Connectome and its Disruption in AD	Yale University	409,490.00	15-Aug-2017 to 30-Jun-2021	Organized Research	Subgrant

Principal & CoPrincipal Investigator(s)	Award Name	Sponsor Name	Total Award Amount in USD	Dates	NACUBO	Award Purpose
Vasudevan, Dr. Erin;	Improving paretic leg walking propulsion post-stroke with a mechanical device	Eunice Kennedy Shriver National Institute of Child Health & Human Dev	154,306.00	16-Aug-2017 to 31-Jul-2018	Organized Research	Grant
Lattimer, Dr. James M;	SUNY-Stony Brook Co-Investigator Effort on Behalf of NASA's Neutron Star Interior Composition Explorer (NICER) Mission	NASA Goddard Space Flight Center	80,582.00	16-Aug-2017 to 15-May-2019	Organized Research	Grant
Kotov, Dr. Roman; Klein, Dr. Daniel N ; Bromet, Dr. Evelyn J ; Luft, Dr. Benjamin J ; Gonzalez, Dr. Adam ; Clouston, Dr. Sean	Personality-Informed Care Model for 9/11-related Comorbid Conditions	Centers for Disease Control and Prevention	2,398,566.00	01-Sep-2017 to 31-Aug-2018	Organized Research	Cooperative Agreement
London, Dr. Erwin;	Cyclodextrin-Catalyzed Exchange to Control Lipid Composition and Lipid Asymmetry: From Liposomes to Cells	National Science Foundation	390,000.00	01-Sep-2017 to 31-Aug-2018	Organized Research	Grant
Bliska, Dr. James B; Thanassi, Dr. David G.	Molecular and Cell Biology of Infectious Diseases	National Institute of Allergy & Infectious Disease	379,688.00	01-Sep-2017 to 31-Aug-2018	Training	Grant
Brouzes, Dr. Eric R.;	Physical Principles of Magnetic Extraction from Microfluidic Droplets	National Science Foundation	299,830.00	01-Sep-2017 to 31-Aug-2020	Organized Research	Grant
Bender, Dr. Michael;	CCF-BSF: AF: Small: Collaborative Research: The Dictionary Problem Considered	National Science Foundation	250,000.00	01-Sep-2017 to 31-Aug-2020	Organized Research	Grant
Gandhi, Dr. Anshul; Liu, Dr. Zhenhua	NeTS: Small: Demystifying the Role of Prediction Models: Bridging Prediction Algorithms and Resource Provisioning	National Science Foundation	449,816.00	01-Sep-2017 to 31-Aug-2020	Organized Research	Grant

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Nekvasil, Dr. Hanna;	Anorthite in Magmatic Systems	National Science Foundation	345,000.00	01-Sep-2017 to 31-Aug-2020	Organized Research	Grant
Johnson, Dr. Christopher J.;	Site-Specific Studies of CH Bond Activation on Metal Oxide Clusters	American Chemical Society	110,000.00	01-Sep-2017 to 31-Aug-2018	Organized Research	Grant
Thorne, Dr. Lesley; Kim, Dr. Hyemi ; Nye, Dr. Janet A	Probabilistic Seasonal Predictions of the Distribution of Fish and Marine Mammals in the Northeast US	National Oceanic and Atmospheric Administration	509,573.00	01-Sep-2017 to 31-Aug-2018	Organized Research	Grant
Goroff, Dr. Nancy S; Ehm, Dr. Kathleen Powers ; London-Thompson, Dr. Bonita ; DeLeon, Ms. Jennifer	NRT-IGE: PhD Career Ladder Program: A Grassroots Approach to Career Development	National Science Foundation	488,339.00	01-Sep-2017 to 31-Aug-2020	Organized Research	Grant
Abanov, Dr. Alexandre; Kharzeev, Dr. Dmitri	Transport and Optical Properties of Chiral Quantum Materials	US Department of Energy	405,000.00	01-Sep-2017 to 31-Jul-2018	Organized Research	Grant
Essig, Dr. Rouven;	Frontiers of Physics Beyond the Standard Model	US Israel Binational Science Foundation	55,000.00	01-Sep-2017 to 31-Aug-2018	Organized Research	Grant
Khalifah, Dr. Peter;	Graduate Student Support for Gerard Mattei: Study of Battery Materials for Battery500 Consortium	Brookhaven Science Associates LLC	146,038.18	01-Sep-2017 to 10-Jun-2020	Training	Subcontract
von der Linden, Dr. Anja;	Towards Precision Cluster Cosmology with LSST	US Department of Energy	750,000.00	01-Sep-2017 to 31-Aug-2018	Organized Research	Grant
Ghazizadeh, Dr. Soosan;	Regulation of Salivary Gland Renewal and Regeneration	National Institute of Dental & Craniofacial Res	433,034.00	01-Sep-2017 to 31-Aug-2018	Organized Research	Grant
Qin, Dr. Hong;	CHS: Small: Novel Method for Vectorization of Arbitrary Natural Images and Its Applications	National Science Foundation	499,999.00	01-Sep-2017 to 31-Aug-2020	Organized Research	Grant

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Duong, Dr. Tim; Sibony, Dr. Patrick A : He, Dr. Xiang	Transfer Award: MRI of Human Retina	National Eye Institute	1,222,393.11	01-Sep-2017 to 31-Dec-2017	Organized Research	Grant
Balasubramanian, Dr. Aruna; Shilkrot, Dr. Roy	CSR: Small: Collaborative Research: Easily Adapting Apps to Diverse Wearable Form Factors	National Science Foundation	284,497.00	01-Sep-2017 to 31-Aug-2020	Organized Research	Grant
Hannun, Dr. Yusuf; Obeid, Dr. Lina : Mao, Dr. Cungui : Snider, Dr. Ashley : Luberto, Dr. Chiara : Haley, Dr. John	Sphingoloids in Cancer Biology and Therapy	National Cancer Institute	2,600,381.00	01-Sep-2017 to 31-Aug-2018	Organized Research	Grant
Goldan, Dr. Amirhossein; Zhao, Dr. Wei : Vaska, Dr. Paul	Selenium Solid-State Photomultiplier (Se-SSPM): Towards a Low -Cost MR-Compatible Time-Of-Flight PET	National Inst of Biomedical Imaging and Bioenginee	432,912.00	01-Sep-2017 to 30-Jun-2018	Organized Research	Grant
Li, Dr. Ellen; Williams, Dr. Jennie L : Denoya, Dr. Paula : Bucobo, Dr. Juan Carlos : Saltz, Dr. Joel : Carino, Dr. Patricia	1/2: Partnership to Study Racial/Ethnic Differences in GI Cancer Biology	National Cancer Institute	640,978.00	01-Sep-2017 to 31-Aug-2018	Organized Research	Grant
Kumar, Dr. Krishna;	Search for Lepton Number Violation in Xe-136 and Xe-134 Decays	US Department of Energy	300,000.00	01-Sep-2017 to 31-Aug-2018	Organized Research	Grant
Loverde, Dr. Marilena;	Discovering Dark Energy, Dark Matter, and Neutrino Properties with Cosmic Structure	US Department of Energy	750,000.00	01-Sep-2017 to 31-Aug-2018	Organized Research	Grant
Belenky, Dr. Gregory; Shterengas, Dr. Leon : Suchalkin, Dr. Sergey	Acquisition of the Auger Electron Probe for in SITU Control of MBE Growth of Ultra Narrow Gap Metamorphic Semiconductor Materials	US Army Research Office	85,130.00	01-Sep-2017 to 31-Aug-2018	Organized Research	Grant

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Yazici, Dr. Mustafa; Mondros, Dr. Jacqueline ; Nguyen, Dr. Minh Hoai ; Mitchell, Dr. Joseph S.B. ; Samaras, Dr. Dimitris	SCC: RCN: One Bridge at a Time: Bridging the Digital Divide for the Well-Being of Aging Populations in Smart and Connected Communities	National Science Foundation	499,999.00	01-Sep-2017 to 31-Aug-2021	Organized Research	Grant
Lane, Dr. Dorothy S;	Preventive Medicine Residencies	Health Resources and Services Admin	135,253.00	01-Sep-2017 to 31-Aug-2018	Training	Grant
Chiang, Dr. Fu-Pen;	Further Studies of Using Digital Volumetric Speckle Photography to Map Interior Deformation of Composites	US Navy Office of Naval Research	150,003.00	01-Sep-2017 to 31-Aug-2018	Organized Research	Grant
Saltz, Dr. Joel; Tannenbaum, Dr. Allen ; Kurc, Dr. Tahsin ; Wang, Dr. Fusheng ; Almeida, Dr. Jonas	Tools to Analyze Morphology and Spatially Mapped Molecular Data	National Cancer Institute	1,437,341.00	01-Sep-2017 to 31-Aug-2018	Organized Research	Grant
Trelewicz, Dr. Jason;	Enhancing the Performance of Plasma-Facing Materials Through Solute-Stabilized Nanostructured Tungsten Alloys	US Department of Energy	750,050.00	01-Sep-2017 to 31-Aug-2018	Organized Research	Grant
Duong, Dr. Tim;	MRI of Diabetic Retinopathy	National Eye Institute	1,581,045.00	01-Sep-2017 to 31-May-2018	Organized Research	Grant
Snead, Dr. Lance; Trelewicz, Dr. Jason	Development and Radiation Effects of High-Heat Flux Materials for Fusion Energy	US Department of Energy	899,961.00	01-Sep-2017 to 31-Aug-2018	Organized Research	Grant
Luft, Dr. Benjamin J; Bromet, Dr. Evelyn J ; Clouston, Dr. Sean	Structural and Functional Neuroimaging of Post Traumatic Stress Disorder and Cognitive Impairment in World Trade Center Responders	Icahn School of Medicine at Mount Sinai	259,960.00	01-Sep-2017 to 31-Aug-2018	Organized Research	Subcontract

Principal & CoPrincipal Investigator(s)	Award Name	Sponsor Name	Total Award Amount in USD	Dates	NACUBO	Award Purpose
Wang, Dr. Xin;	Exploration of MIMO Radar and Co-Prime Array Design for Low-Cost, High Performance Sensing	US Navy Office of Naval Research	125,485.00	01-Sep-2017 to 30-Sep-2018	Organized Research	Grant
French, Dr. Jarrod;	Mechanisms that govern assembly and function of higher order protein structures of purine metabolic enzymes	National Institute of General Medical Sciences	1,955,381.00	10-Sep-2017 to 31-Aug-2018	Organized Research	Grant
Matus, Dr. David;	Salamander-Algal Endosymbiosis Research	Gettysburg College	454,493.00	11-Sep-2017 to 30-Sep-2020	Organized Research	Subgrant
Chan, Dr. Chia-Hsin;	Oncogene Roles of the DNA Damage Transducer RNF8 in Basal-Like Breast Cancer	Susan G Komen Breast Cancer Foundation	449,298.00	12-Sep-2017 to 11-Sep-2018	Organized Research	Grant
Marschilok, Dr. Amy C; Takeuchi, Dr. Kenneth J. ; Takeuchi, Dr. Esther Sans	Sulfur Loaded MS2 Barrier for Control of Polysulfide Shuttling in Lithium Sulfur Batteries	US Department of Energy	400,000.00	13-Sep-2017 to 31-Mar-2019	Organized Research	Cooperative Agreement
Girnun, Dr. Geoffrey; Montal, Ms. Emily	Pre-Doc to Post-Doc Transition Award for Emily Montal: Investigating Cancer Metabolism and Its Potential for Therapeutic Intervention	National Cancer Institute	64,112.00	14-Sep-2017 to 31-Aug-2018	Training	Grant
Johnson, Dr. Christopher J.;	Probing Electronic Structure and Energy Transfer in Protected Metal Nanoparticles by Mass-Selective Spectroscopy	US Air Force Office of Scientific Research	360,000.00	15-Sep-2017 to 14-Sep-2018	Organized Research	Grant
Dubnau, Dr. Joshua;	A Systems Approach to Uncover Upstream Activators and Common Downstream Pathways of Neurodegeneration in a Drosophila Model	National Institute on Aging	3,588,826.00	15-Sep-2017 to 30-Jun-2018	Organized Research	Grant

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Ferdman, Dr. Michael; Bender, Dr. Michael	SPX: Collaborative Research: Harnessing the Power of High-Bandwidth Memory via Provably Efficient Parallel Algorithms	National Science Foundation	500,000.00	15-Sep-2017 to 31-Aug-2021	Organized Research	Grant
Cochran, Dr. J Kirk;	Collaborative Research: Lead-210 and Polonium-210 as Tracers for Scavenging and Export: GEOTRACES Pacific Meridional Section	National Science Foundation	539,701.00	15-Sep-2017 to 31-Aug-2018	Organized Research	Grant
Simmerling, Dr. Carlos L; Dill, Dr. Kenneth	New Solvent Models, Sampling Methods and Maintenance of Amber Software	National Institute of General Medical Sciences	1,215,753.00	15-Sep-2017 to 30-Jun-2018	Organized Research	Grant
Kao, Dr. Imin;	Manufacturing Innovation Fund	FuzeHub	74,890.99	15-Sep-2017 to 31-Aug-2019	Organized Research	Contract
Veeramah, Dr. Krishna; Bell, Dr. Michael A	Dynamics of Contemporary Genomic Evolution in Replicate Threespine Stickleback Populations	National Institute of General Medical Sciences	1,562,920.00	15-Sep-2017 to 31-Aug-2018	Organized Research	Grant
Williams, Dr. Jennie L; Moloney, Dr. Daniel	Increasing Diversity in Undergraduate Cancer Biology Education and Research	National Cancer Institute	1,238,120.00	18-Sep-2017 to 31-Aug-2018	Educational Support	Grant
Takamaru, Dr. Ken-Ichi; Li, Dr. Feng-Qian	Chibby and its Associated Proteins in Ciliated Cell Differentiation	National Heart Lung and Blood Institute	394,497.00	22-Sep-2017 to 31-Aug-2018	Organized Research	Grant
Wollmuth, Dr. Lonnie P; Chan, Mr. Kelvin	NRSA for Kelvin Chan: Mechanism and Physiology of NMDA Receptor Desensitization	National Institute of Mental Health	149,220.00	27-Sep-2017 to 26-Sep-2018	Training	Grant
Samulyak, Dr. Roman;	Software Development for Shattered Pellet Injection Model Development and Validation for SciDAC Center for Tokamak Transient Simulations	Trustees of Princeton University	60,001.00	28-Sep-2017 to 31-Aug-2018	Organized Research	Subcontract

Principal & CoPrincipal Investigator(s)	Award Name	Sponsor Name	Total Award Amount in USD	Dates	NACUBO	Award Purpose
Samulyak, Dr. Roman;	Physics of Shattered Pellet Injection Model Development and Validation for SciDAC Center for Tokamak Transient Simulation (CTTS)	Trustees of Princeton University	80,000.00	28-Sep-2017 to 31-Aug-2018	Organized Research	Subcontract
Ehm, Dr. Lars;	Insight Into Impact Mineralogy from Time-Resolved X-Ray Diffraction Experiments During Simultaneous Fast Compression and Laser Heating	NASA Goddard Space Flight Center	287,301.00	28-Sep-2017 to 27-Sep-2018	Organized Research	Grant
Sekar, Dr. R C; Lu, Dr. Long ; Polychronakis, Dr. Michail	Multi-layer Software Transformation for Attack Surface Reduction and Shielding	US Navy Office of Naval Research	3,496,688.00	30-Sep-2017 to 29-Sep-2018	Organized Research	Grant
White, Dr. Thomas W.; Valiunas, Dr. Virginijus	Lens Intercellular Communication Connexins and Cataracts	National Eye Institute	1,194,895.00	30-Sep-2017 to 31-May-2018	Organized Research	Grant
Hayward, Dr. Rachel Anna;	Enhanced Suffolk County Fatherhood Program	Retreat Incorporated	135,000.00	30-Sep-2017 to 29-Sep-2018	Organized Research	Subcontract
Borodin, Dr. Yevgen; Ramakrishnan, Dr. I V	Audio-Tactile Web Accessibility with Haptic Gloves	Administration For Community Living	400,000.00	30-Sep-2017 to 29-Sep-2018	Organized Research	Grant
Allison, Dr. Thomas;	(DURIP 17) Flat-field XUV Spectrograph for Attosecond Science	US Air Force Office of Scientific Research	112,639.00	30-Sep-2017 to 29-Sep-2018	Organized Research	Grant
Salman, Dr. Emre;	SaTC: STARSS: Small: Collaborative: Managing Hardware Security in Three-Dimensional Integrated Circuits	National Science Foundation	146,667.00	01-Oct-2017 to 30-Sep-2020	Organized Research	Grant

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Endee, Ms. Lisa; Flynn, Mr. Erik W. : Linden, Dr. Pamela L : Huddy, Dr. Leonie : Rozensky, Mr. Russell : Smith, Mr. Stephen	Prevention of Drowsy Driving Curriculum Development	NYS Governors Traffic Safety Committee	133,122.00	01-Oct-2017 to 31-Oct-2017	Organized Research	Contract
Salman, Dr. Emre;	SaTC: STARSS: Small: Collaborative: Managing Hardware Security in Three-Dimensional Integrated Circuits - Stony Brook	Semiconductor Research Corporation	73,333.00	01-Oct-2017 to 30-Sep-2018	Organized Research	Contract
Brand, Ms. Lauren;	Special Supplemental Nutrition Program for Women, Infants and Children (WIC)	NYS Department of Health	4,507,095.00	01-Oct-2017 to 30-Sep-2018	Public Services	Contract
Lynch, Dr. Heather J;	Collaborative Proposal: EarthCube Integration: ICEBERG: Imagery Cyberinfrastructure and Extensible Building-Blocks to Enhance Research in the Geosciences	National Science Foundation	632,179.00	01-Oct-2017 to 30-Sep-2018	Organized Research	Grant