

RESEARCH NEWS

QUARTERLY NEWSLETTER FROM THE OFFICE OF THE VICE PRESIDENT FOR RESEARCH

SUMMER 2016

Dear Members of the Stony Brook Research Community,

I write this introduction to the Summer Research News having served less than one month as Interim Vice President for Research. This change in leadership follows the departure of David Conover, who served as Vice President for Research for the past three years. Most readers will already know that David accepted the position of Vice President for Research and Innovation at the University of Oregon, where he will start in August. Although I still have much to learn about the operations of OVPR, it is immediately evident that David introduced a number of changes that substantially improved Stony Brook's Research Office. Among these was the creation of the Office of Proposal Development, headed by Nina Maung, who also serves as Associate Vice President for Research. David also supported several initiatives aimed at streamlining procedures that promise to benefit principal investigators, and he worked closely with RF Central to optimize our engagement with them. David's many contributions (in OVPR and in SoMAS), and those of his wife Margaret, were commemorated at a farewell reception, where colleagues and friends payed tribute to their long productive careers at Stony Brook.



Prior to stepping into the Interim VPR position, I served as Associate Vice President for Brookhaven National Lab Affairs, a responsibility that I retain. In that position, I interact closely with BNL leadership to expand Stony Brook's engagement in scientific initiatives, particularly those involving our joint faculty appointments with BNL. I also oversee the Stony Brook-BNL Seed Grant program and participate in Stony Brook's management role at the Lab. My familiarity with BNL goes back many years as an active user at the National Synchrotron Light Source and more recently at the NSLS-II, which have been valuable tools in my research in geochemistry. As a faculty member in the Department of Geosciences, I have long recognized and appreciated the valuable role of Stony Brook's Research Office. I am honored to now be a part of the Office that supports our research enterprise, and I thank President Stanley for asking me to serve in this capacity.

There are several noteworthy items that I would like to mention:

New Research Foundation President Jeff Cheek visited Stony Brook on July 14, meeting with President Stanley and OVPR senior staff, and briefly touring the R&D Park. Jeff listened as we described some of the challenges associated with interfacing with RF Central, and addressed the whole OVPR staff. Jeff brings much experience in operations, which should benefit RF as we introduce system-wide initiatives. We expect him to be back at Stony Brook in the fall for a more extensive visit.

We continue planning for implementation of the new pre-award software system to replace Coeus. Huron's Click software portal will be introduced in phases over an 18-month period. This new system will be customized to the needs of Stony Brook researchers. More details are provided later in this Newsletter.

The new Office of Proposal Development is now operational. During the past month, OPD provided direct support to 55% of the faculty who submitted NSF CAREER Award applications, which likely contributed to a doubling in the number of applicants over recent years.

Working with President Stanley and University Advancement, we have recently announced the second Discovery Prize competition, available to early-career faculty. Instructions for submitting applications by September 6, 2016, are provided at the following website: www.stonybrook.edu/discoveryprize.

I look forward to building on recent accomplishments of OVPR and to working closely with the outstanding staff, who have extended a very warm welcome. One of my commitments is to engage faculty as we look for ways to further improve procedures for PIs. Please feel free to share any thoughts you have that would help in that process.

Sincerely,



Richard J. Reeder
Interim Vice President for Research

Huron Click Implementation to Kick-Off Fall 2016

DoIT Information Systems (Research)

Stony Brook University has signed a statement of work with Huron Consulting to implement Huron Click Portal and six solutions at Stony Brook University. This agreement is an extension of work already being done together with the Research Foundation for SUNY and will focus on tailoring the modules to the needs of our campus. As part of this project, Huron Grants will replace COEUS. Huron modules for IRB, IACUC, Safety will replace IRBNet. Huron COI will replace the existing process for disclosures and management of conflicts. Huron Agreements will improve workflow and management of research agreements.

The team at Stony Brook is currently planning the project, identifying resources, preparing communications and working on the installation of the software.

There will be a campus-wide kickoff in the coming months.

The New Office of Proposal Development Website Has Launched

Office of Proposal Development

The Office of Proposal Development has launched a website with information about OPD activities and services. The OPD site allows investigators to request proposal development services, locate current funding opportunities, learn more about limited competitions, request research support, link to on campus and off campus grant related resources and keep up to date with OPD events and activities. Visit us at <http://research.stonybrook.edu/opd>

NSF/NIH Grant Writing Workshop – “Write Winning Grant Proposals”

Office of Proposal Development

The Office of Proposal Development and the Grant Writers Seminars and Workshops, LLC (GWSW) will be hosting a one-day seminar by Dr. John D. Robertson, Ph.D for Stony Brook faculty writing NIH and NSF proposals. The workshop will take place on **Tuesday, September 6, 2016** at the Hilton Garden Inn from 8:30am – 5:00pm. Space is limited, so please register by **August 17, 2016**. Priority will be given to first time attendees and confirmation emails will be sent out by August 19, 2016. To register, visit: <http://bit.ly/29z7jY9>
Breakfast and lunch will be provided. Special thanks to College/School Deans for covering the costs of the workbooks.

Sign-up for the Office of Proposal Development Google Group

Office of Proposal Development

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

- Sign in to your Google account
<http://www.stonybrook.edu/mycloud>
- Select Groups from the top right corner
 - On the Welcome screen, click My groups
 - Search for 'OPD Announcements'
 - Click on 'Apply for Membership'

Repository of Sample Documents

Office of Proposal Development

The Office of Proposal Development has created a SharePoint site that will serve as repository of samples administrative documents and successful grant proposals. So far we have collected a few successful NSF CAREER Award proposals and letters of support from Department Chairs. We welcome suggestions on how to assist the campus community in this regard so please inform us of other useful materials to include or submit your own samples/templates for the site.

To access the OPD SharePoint site, log on to <https://stonybrook365.sharepoint.com/sites/opd/SitePages/Home.aspx> with your NETID and NETID Password. If it is the first time you are signing into SharePoint, start by logging in with your Stony Brook email address. East campus faculty and staff should also use their Stony Brook email address (not their Stony Brook Medicine email address). Special thanks to the Stony Brook faculty members that got us started with our first set of sample documents to share with the campus community.

Introducing OPD Walk-in Hours

Office of Proposal Development

The Office of Proposal Development has launched weekly walk-in hours for faculty and staff to meet in person with an OPD staff member for one-one-assistance on a wide range of proposal development activities: budget/budget justification development, assistance with COEUS, education plans, editing/proofreading, NSF broader impacts statement, etc.

The weekly Walk-In Hours schedule can be found on the OPD Website [calendar](#).

Collaboration Corner

Office of Proposal Development

Part of OPD's mission is to help build networks and foster collaborations for the development of large, complex and innovative proposals. The OPD would like to introduce a new element to Research News, which highlights specific collaborative opportunities or resources for investigators right here on campus:

Innovation Lab

Think. Create. Innovate. That is the mantra of the Stony Brook University [Innovation Lab](#). Located in Harriman Hall, room 210, the Innovation Lab offers a space where a community of innovators and entrepreneurs from the Stony Brook University Campus can work to develop ideas into actual products. The lab offers tools, workshops and events that will encourage students, faculty and staff to create, discover and ultimately, collaborate. For more information on the Innovation Lab, visit: <http://www.stonybrook.edu/innovation/>

Cultural and Social Map of Latino Long Island

Any interest in collaborating on a project that involves digital text recognition, intelligent text search, visualization of big data, compilation of databases from non-digitized sources? A team of Stony Brook faculty and graduate students led by Professor Adrián Pérez Melgosa in the Department of Hispanic Languages and Literature, is involved in a three year research project to elaborate an interactive, online map of the evolution of Latino population of Long Island. The underlying goal of this map is to provide an authoritative source of information that may serve both Latinos and the larger community as the starting point to access community resources, elaborate well informed policies, implement sound pedagogies for schools, and dispel the web of misconceptions and erroneous perceptions that currently plague the image of Latinos in Long Island. Dr. Melgosa is seeking to collaborate with individuals who are able to conduct smart searches of text in newspapers, literature, and in the transcription of interviews. For more information on collaborating on this project, please visit <http://www.stonybrook.edu/commcms/cas/inthespotlight/4.html>

SENCER (Science Education for New Civic Engagements and Responsibilities)

Looking to engage your undergraduate STEM students in the classroom? SENCER courses and programs connect science, technology, engineering, and mathematics content to critical local, national, and global challenges. This program encourages faculty to improve undergraduate STEM education for reforming curriculum and revealing the broader impacts of science and research. For more information on this program, visit: <http://sencer.net/>.

To have your research project featured in the OPD Collaboration Corner, please contact:

OPD_OVPR@stonybrook.edu.

Questions That Must be Asked Before Embarking on a New Research Activity

Office of Research Compliance

A critical factor in ensuring the compliant and successful conduct of research is the **availability of adequate resources**. In addition to the obvious need for **sufficient funds** to do the work, Principal Investigators must be able to respond affirmatively to the following questions:

- *Do you have the **time** to do the research?*
- *Do you have the **staff** to conduct the research, to help ensure that the study is being conducted as approved?*

and, in the case of research involving human participants:

- *Do you have the **staff** to effectively monitor the subjects' safety and welfare?*
- *Are the proposed **subject populations** available from within our community?*

If you are unable to respond affirmatively to all of these questions for a proposed research activity, the stage may be set for future noncompliance, incomplete data sets, and, in the worst case scenario, the endangerment of research volunteers.

Research must not be treated as a hobby. A high standard of research excellence is a critical part of our University's mission. Adherence to applicable Institutional policies and procedures is clearly essential throughout your research endeavors, but ensuring that you have appropriate resources is a fundamental first step. Therefore, it should be considered a priority to work with your chair to carefully assess and confirm the resources available to you that would enable you to conduct your proposed research activity compliantly, ethically, and successfully.

Dr. Martin Griffel replaces Dr. Laver as IRB and QA Project Signatory

Office of Research Compliance

In his new capacity as interim Chief Medical Officer at UH, Dr. Martin Griffel is now responsible for

a) Signing off on new studies in IRBNet involving investigational devices, or FDA approved devices being studied off-label, and

b) Reviewing and approving all quality assurance/quality improvements activities involving patients (see <http://research.stonybrook.edu/human-subjects-standard-operating-procedures/quality-assurance-quality-improvement-qaqi-activities> for policy and procedures).

UH Laboratory/Pathology Review Now Conducted by Dr. Spitzer

Office of Research Compliance

For those of you who conduct clinical research at a Stony Brook University Hospital in- or outpatient facility, please note that Dr. Eric Spitzer has replaced Dr. Jay Bock as the relevant signatory for use of Laboratory/Pathology. This means you need to share your IRBNet study package with Dr. Spitzer, and obtain his electronic signature in IRBNet in order to have approval for use of UH lab/pathology services.

Preparatory to Research Activities (HIPAA) and Subject Recruitment

Office of Research Compliance

In the past, researchers employed under our HIPAA covered entity 'umbrella' (the Organized Health Care Arrangement; OHCA; see description in <https://www.stonybrookmedicine.edu/patientcare/privacy>) could submit to the Office of Research Compliance a completed Preparatory to Research Form (available in the forms and template library of IRBNet), and once approved, they could review the electronic medical records (EMRs) to see if specific patient populations had been seen at SBUH. This was permitted as part of the researcher's assessment of resources for a proposed research study, but no information was permitted to be taken from the patient EMR.

Up to this point, our recruitment policy has prohibited researchers from approaching patients for participation in research unless either:

a) The patients answered affirmatively during initial encounter as an in-or out UH patient to being contacted for future research for which they may qualify

or

b) The researcher approaching the patient has a clear treatment relationship with them.

Discussion between the AVP for Research Compliance and the Chief Information Privacy and Security Officer for SBUH has yielded the following modification to 'b' above:

Researchers may now, as part of their IRB submission, propose a recruitment plan that allows for the preparatory to research activity, with subsequent documentation of the identified patients' health care providers (who must be a part of SBU's OHCA). Information sheets (to be submitted and approved by the IRB) could then be given to said health care providers who may, in turn, give or mail them to the eligible identified patients. Such information sheets would contain the contact

information of the researcher if the patient wishes to obtain more information.

We hope this modification to our recruitment policy facilitates future subject enrollment in promising research endeavors while protecting patients' right to privacy.

NIH Policy on the Use of a Single IRB for Multi-Site Research

Office of Research Compliance

From the NIH Office of Science Policy:

On June 21st...the NIH published its final [NIH Policy on the Use of a Single Institutional Review Board for Multi-Site Research](#). This policy establishes the expectation that all sites participating in multi-site studies involving nonexempt human subjects research funded by the NIH will use a single Institutional Review Board (sIRB) to conduct the ethical review required by the Department of Health and Human Services regulations for the Protection of Human Subjects. The intent of this policy is to enhance and streamline the process of IRB review and reduce inefficiencies so that research can proceed as expeditiously as possible without compromising ethical principles and protections for human research participants.

The NIH recognizes that the sIRB policy will be a paradigm shift in IRB review. As such, the final policy will not take effect until May 25, 2017. NIH has prepared a number of resources to assist the research community in preparing for the implementation of the policy. A set of [FAQs](#), as well as [guidance](#) on scenarios illustrating the use of direct and indirect costs for single IRB review under the policy are now available on the [NIH Office of Science Policy](#) website."

Questions or additional information about the single IRB policy, can be directed to SingleIRBpolicy@mail.nih.gov

Licensee News

Office of Technology Licensing and Industry Relations

Traverse Biosciences has secured \$500,000 in convertible debt financing to support operations and advance product development efforts to commercialize its proprietary library of chemically-modified curcumins for the treatment of chronic inflammatory conditions and cancers affecting humans and animals. The seed financing was led by Excell Partners, with matching funds from a number of individual accredited angel investors. Traverse Biosciences has executed an exclusive license and option agreement for access to a proprietary library of polyenolic zinc-binding agents for use in animal and human

health. These novel pharmaceutical drug candidates were co-invented by Dr. Lorne Golub, Distinguished Professor in the Department of Oral Biology and Pathology within the Stony Brook University School of Dental Medicine, and Dr. Francis Johnson, Professor of Chemistry and Pharmacology at Stony Brook University.

In addition to this critical seed funding, Traverse will also collaborate with the State University of New York Upstate Medical University (SUNY Upstate) on a \$164,689 Discovery Award from the U.S. Department of Defense. The research, led by Gary Nieman, Associate Professor and Senior Research Scientist in the Department of Surgery, will evaluate the effectiveness of the company's lead drug candidate, TRB-N0224, to treat acute lung injury, including acute respiratory distress syndrome (ARDS).

Traverse Biosciences also has received a Notice of Intent to fund an NIH/National Institute of Dental & Craniofacial Research (NIDCR) Phase II STTR proposal entitled, "Pre-Clinical Safety and Efficacy of TRB-N0224 for the Treatment of Periodontal Disease."

Just Announced Changes that Affect F30/31 NIH Fellowships due 8/8

Office of Sponsored Programs

On 7/28/2016 NIH released additional changes that will affect F30/31 Fellowship submissions that are due on 8/8/2016. This deadline will be the first that uses the "D Forms" which had a quite a few changes to begin with.

Among the changes are the addition of several new attachments:

- Applicant's Background and Goals for Fellowship Training **(6 page limit)**
- Letters of Support from Collaborators, Contributors, and Consultants **(6 page limit)**
- Description of Institutional Environment and Commitment to Training **(2 page limit; includes Additional Education Information section required for F30 and F31 applications which was previously included as an "Other Attachment" in FORMS-C applications)**
- Data Safety Monitoring Plan (used with applications involving Clinical Trials)
- **Authentication of Key Biological and/or Chemical Resources (use of this attachment has been delayed - NOT-OD-16-034; don't use it yet)**

Earlier changes have been announced regarding the Fellows bio. Applicants for predoctoral and postdoctoral fellowships should use section D (Additional Information, Research Support, Scholastic Performance) to provide information on their scholastic performance (instead of Research Support).

NSF Password Modernization

Office of Sponsored Programs

As of Monday, August 1st, NSF implemented a more convenient and secure process for resetting passwords. NSF awardees and applicants will no longer be able to reach out to their Sponsored Projects Office to reset passwords; instead, they can reset their own password. To do this, awardees and applicants can go to www.research.gov and click "Log In," then "Forgot Password." After entering their NSF ID and clicking, "Send Temporary Password," you will be able to reset their passwords using the temporary password sent to your email address on file.

Passwords must be between 8 and 20 characters and use three of the four categories below:

- Upper-case letter
- Lower-case letter
- Number
- One of these special characters # & % ! @ ()

In addition, the last six passwords cannot be reused, and accounts will be locked for five minutes after the tenth unsuccessful password attempt.

Need Help?

To learn more about FastLane password modernization, including accessing a getting started guide and FAQs, please click [here](#).

New NSF Compliance Checks - Biographical Sketches

Office of Sponsored Programs

NSF continues to focus on the automated compliance checks of proposals in order to decrease the burden on both the research community and NSF staff. Effective July 25, 2016, all proposals through Fastlane will be subject to a new series of automated compliance validation checks to ensure proposals comply with requirements outlined in Chapter II.C.2. of the Proposal and Award Policies and Procedures Guide(PAPPG).

The new set of automated compliance checks will trigger error messages for each of the following rules:

- Biographical Sketch(es) and Current and Pending Support files are required for each Senior Personnel associated with a proposal; and
- Biographical Sketch(es) can only be uploaded as a file, must not exceed two pages and can no longer be entered as text.

New “All About Grants” Podcast on How to Use the New Assignment Request Form

Office of Sponsored Programs

In a recent NIH All About Grants podcast, we talk to Dr. Cathie Cooper, Director of the Division of Receipt and Referral at [NIH’s Center of Scientific Review](#), about how you can influence the assignment of your application to a particular study section for peer review, or to a particular NIH Institute or Center for funding consideration. Check out “Using the PHS Assignment Request Form” ([mp3](#)) ([transcript](#)), as well as other podcast episodes on our [All About Grants](#) page under the Preparing a Successful Grant Application heading. When there you can also check out the latest pod cast on ‘Choosing a Submission Method’, which goes through the benefits of the current four methods of submitting a NIH Grants.gov package.

Department Administrator Committee

Office of Grants Management / Office of Sponsored Programs

The Offices of Grants Management and Sponsored Programs, co-host quarterly [Department Administrator Committee](#) meetings, (DAC) that are open to all Department Administrators. We discuss current sponsor policy modifications, campus processes, as well as training and best practices. All Department Administrators are welcome and encouraged to attend. The first meeting of the new academic year is scheduled for Thursday September 8th, at 10:00 am. We meet in the New Computer Science Building, room 220. Interested administrators should email Kathryn Belmonte-kathryn.belmonte@stonybrook.edu

Whom to Contact at the NIH

Office of Sponsored Programs

NIH has compiled a chart on who, (PO, GMS, or SRO) to contact when as well as their responsibilities and functions. We recommend that you bookmark this link <https://grants.nih.gov/grants/how-to-apply-application-guide/resources/contacting-nih-staff.htm>.

Peter Saal Retires

Office of Sponsored Programs

After 39+ years of dedicated service to the Office of the Vice President for Research and the campus community, **Peter Saal** retired earlier this month. Peter’s institutional knowledge was an invaluable resource and his close ties to faculty enabled the

OVPR to connect faculty and funding agencies in order to facilitate the flow of ideas and generate proposals campus-wide. He leaves behind a legacy of successful collaborations



formed and proposals submitted which have helped to grow research at Stony Brook. We wish Peter best wishes as he moves on to this exciting new phase in his life.

For funding opportunities inquiries, please contact Maureen Piekos at 2-1976 or maureen.piekos@stonybrook.edu.

New Additions to OTLIR Staff

Office of Technology Licensing and Industry Relations

This summer OTLIR welcomes two new team members:

LeAnn Acconcia will be helping us with all aspects of patent prosecution docketing including securing declarations and assignments from inventors. She has spent her career working in law firms on patent prosecution and comes with significant expertise in this area.

Anupam Jhingran is our new Licensing Specialist, rounding out the life sciences licensing team with Sean Boykevich and Valery Matthys. He will be helping review new invention disclosures and manage portions of the existing patent portfolio. Anupam received his PhD from Jawaharlal Nehru University in India and was most recently a post-doc at Memorial Sloan Kettering Cancer Center. While working at MSKCC, Anupam interned in Cornell’s Technology Transfer Office.

We are delighted to have LeAnn and Anupam join the OTLIR team!

New Addition to OPD Staff

Office of Proposal Development

Maureen Piekos has joined the Office of Proposal Development (OPD) team as a Senior Staff Assistant responsible for a broad range of administrative and grant development activities. We will benefit greatly from Maureen’s diverse training background and 21+ years of professional experience. Since 2009 she has been a Stony Brook University employee, first in the Center for Thermal Spray Research, then most recently in the Graduate School as Senior Staff Assistant for Finance. Previous to Stony Brook, she worked for 7 years as a manuscript manager and proofreading editor for a professional journal (ARLO) and immediately before that as a Recruitment Coordinator for the Dean of External Affairs at Yale University’s School of Engineering.

Replacement Grants Management Specialists

Office of Grants Management

The Office of Grants Management welcomes **Mary Moran** and **Katherine Rasmussen** as the two new Grant Management Specialists, replacing vacant positions. Mary is new to the university and Katherine has accepted this responsibility transferring from a partnering unit within Grants OGM. Training is underway and new departmental contacts will be updated to include them in the coming weeks. Key department contact questions should be directed to the OGM secretary, Lisa Tierney at 2-9038.

Staffing Updates for the Office of Research Compliance (ORC)

Office of Research Compliance

ORC welcomes our newest staff member **Ms. Jessica Lasebikan**, B.A., who replaces Michael Rossano as IRB Assistant. Jessica has extensive administrative experience in the health care profession. She has undergone an internship in scientific research training, and has had graduate level courses in bioethics, neuroscience, and human physiology and pharmacology. Jessica joined us in late June, and is already well integrated into the ORC team. Welcome Jessica!

ORC would also like to congratulate **Ms. Lu-Ann Kozlowski, BSN, RN**, on her recent promotion from IRB Assistant to HRPP Administrator and Research Subject Advocate. Lu-Ann is responsible for being a resource to the research community and to current and potential research participants, providing support and advocacy throughout the research process. She is the dedicated IRB liaison for the Cancer Center (CC), the inaugural Investigational New Drug / Investigational Device Exemptions (IND/IDE) Administrator for the campus, and is in charge of quality Improvement of HRPP compliance and efficiencies. Congratulations to Lu-Ann!

New Awards from April 16, 2016 to July 15, 2016

- 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 and Co-Principal Investigator(s)	Award Name	Sponsor Name	Total Award Amount in USD	Dates	NACUBO	Award Purpose
Frisk, Dr. Michael	Monitoring Endangered Atlantic Sturgeon and Commercial Finfish Habitat Use Offshore New York Dated 1/28/16 and Revised 4/06/16	Bureau of Ocean Energy Management	399,768.00	25-Apr-2016 to 30-Apr-2017	Organized Research	Cooperative Agreement
Weidner, Dr. Donald J; Li, Ms. Li	Rheology of Lower Mantle Perovskites	National Science Foundation	480,000.00	01-May-2016 to 30-Apr-2017	Organized Research	Grant
Yang, Dr. Vincent	Targeted Approach for Prevention and Therapy of Colorectal Cancer	National Cancer Institute	683,488.00	01-May-2016 to 30-Apr-2017	Organized Research	Grant
Hollingsworth, Dr. Nancy M	Analysis of Meiotic Chromosome Synapsis in Yeast	National Institute of General Medical Sciences	443,497.00	01-May-2016 to 30-Jun-2017	Organized Research	Grant
Haltiwanger, Dr. Robert S; Holdener, Dr. Bernadette C	O-Glycosylation of Epidermal Growth Factor-like Motifs	National Institute of General Medical Sciences	622,378.00	01-May-2016 to 30-Jun-2017	Organized Research	Grant
Bluestein, Dr. Danny; Deng, Dr. Yuefan	Multiscale Modeling of Blood Flow and Platelet Mediated Thrombosis	National Heart Lung and Blood Institute	3,597,060.00	01-May-2016 to 31-Jan-2017	Organized Research	Cooperative Agreement

Principal and Co-Principal Investigator(s)	Award Name	Sponsor Name	Total Award Amount in USD	Dates	NACUBO	Award Purpose
Mahajan, Dr. Devinder	Downstate Regional Energy Technology Accelerator (DRETA)	Trustees of Columbia University in the City of New York	150,000.00	01-May-2016 to 30-Apr-2017	Organized Research	Subgrant
Benach, Dr. Jorge L; Maung-Gaona, Ms. Nina : Ferguson, Dr. David L	IRACDA - The New York Consortium for the Advancement of Postdoctoral Scholars (NY CAPS)	National Institute of General Medical Sciences	785,170.00	01-May-2016 to 30-Apr-2017	Training	Grant
Mao, Dr. Cungui	The Role of Ceramidases in Cancer Chemotherapy	National Cancer Institute	327,850.00	01-May-2016 to 30-Apr-2017	Organized Research	Grant
Moloney, Dr. Daniel	BioPREP: Biology Partnership in Research and Education Program	National Institute of General Medical Sciences	712,612.00	01-May-2016 to 30-Apr-2017	Training	Grant
Powers, Dr. Robert Scott	Computational and Functional Approaches to Validating Cancer Genome Targets	Cold Spring Harbor Laboratory	466,289.00	01-May-2016 to 30-Apr-2017	Organized Research	Subgrant
Likharev, Dr. Konstantin K	Spatial-Temporal Memory Effects in Nanoelectronic Neuromorphic Networks	University of California at Santa Barbara	136,313.00	01-May-2016 to 30-Apr-2017	Organized Research	Subcontract
Peterson, Dr. Bradley J.	Great South Bay Shellfish Bed Project	NYS Department of Environmental Conservation	241,396.00	01-May-2016 to 30-Apr-2019	Organized Research	Contract
Peterson, Dr. Bradley J.; Gobler, Dr. Christopher John	Shinnecock Bay Restoration Project	NYS Department of Environmental Conservation	505,658.00	01-May-2016 to 30-Apr-2020	Organized Research	Contract
Ju, Dr. Jingfang	Roles of miR-129 in Colorectal Cancer	National Cancer Institute	1,796,010.00	04-May-2016 to 30-Apr-2017	Organized Research	Grant
Hemmick, Dr. Thomas K	sPHENIX TPC detector upgrade at RHIC in FY16	Brookhaven Science Associates LLC	120,560.00	12-May-2016 to 31-Dec-2016	Organized Research	Contract
Cognato, Dr. Holly	Shared Instrumentation Grant for the Purchase of a Leica SP8X Confocal	National Institutes of Health Office of the Director	579,788.00	15-May-2016 to 14-Apr-2017	Organized Research	Grant
Muller, Dr. Erik Matthew	Development of X-Ray Beam Induced Current Capability	Brookhaven Science Associates LLC	69,500.00	26-May-2016 to 31-Oct-2016	Organized Research	Contract
Balasubramanian, Dr. Aruna	CRII: NeTS: Making Sense of Mobile Web Page Performance	National Science Foundation	173,901.00	01-Jun-2016 to 31-May-2018	Organized Research	Grant
Enikolopov, Dr. Grigori; Peunova, Dr. Natalia	NYSTEM: Redox Regulation of Adult Neural Stem Cells	NYS Department of Health	359,789.00	01-Jun-2016 to 31-May-2017	Organized Research	Contract
Hale, Dr. Lauren	Biopsychosocial Determinants of Sleep and Wellbeing for Teens in Fragile Families	Eunice Kennedy Shriver National Institute of Child Health & Human Dev	1,289,111.00	01-Jun-2016 to 31-May-2017	Organized Research	Grant
Gandhi, Dr. Anshul; Zadok, Dr. Erez	EAGER: Elastic Multi-layer Memcached Tiers	National Science Foundation	257,166.00	01-Jun-2016 to 31-May-2018	Organized Research	Grant

Principal and Co-Principal Investigator(s)	Award Name	Sponsor Name	Total Award Amount in USD	Dates	NACUBO	Award Purpose
Sotiropoulos, Dr. Fotis	Virtual Wind Simulator with Advanced Control and Aeroelastic Model for Improving the Operation of Wind Farms	Regents of the University of Minnesota	448,225.00	01-Jun-2016 to 01-Jun-2020	Organized Research	Subcontract
Yang, Dr. Vincent; He, Mr. Ping ; Bialkowska, Dr. Agnieszka Beata	NRSA for He Ping: Mechanisms of Pancreatic Carcinogenesis	National Cancer Institute	144,118.00	01-Jun-2016 to 31-May-2017	Training	Grant
Burns, Dr. William David	Partnership Champions: Creating the SENCER-ISE (Science Education for New Civic Engagements and Responsibilities - Informal Science Education) Partnership eMentor Program	Institute of Museum and Library Services	139,518.00	01-Jun-2016 to 31-May-2017	Organized Research	Grant
Proudfit, Dr. Greg Hajcak; Klein, Dr. Daniel N : Kotov, Dr. Roman : Mohanty, Dr. Aprajita	Trajectories of Reward Sensitivity and Depression Across Adolescence	National Institute of Mental Health	486,886.00	01-Jun-2016 to 31-May-2017	Organized Research	Grant
De Cataldo, Dr. Mark Andrea	The Topology and Hodge Theory of Algeraic Maps	National Science Foundation	240,021.00	01-Jun-2016 to 31-May-2017	Organized Research	Grant
Hannun, Dr. Yusuf	Neutral Ceramidase in Colon Cancer	National Cancer Institute	325,255.00	01-Jun-2016 to 31-May-2017	Organized Research	Grant
Friedberg, Dr. Fred; Bruckenthal, Dr. Patricia : Yang, Dr. Jie	ME/CFS: Activity Patterns and Autonomic Dysfunction	National Institute for Nursing Research	1,469,657.00	01-Jun-2016 to 31-Mar-2017	Organized Research	Grant
Garcia-Diaz, Dr. Miguel	Mechanisms of Mitochondrial Transcription	National Institute of General Medical Sciences	298,354.00	01-Jun-2016 to 31-May-2017	Organized Research	Grant
Hannun, Dr. Yusuf; Canals, Dr. Daniel : Clarke, Dr. Christopher James : Rizzo, Dr. Robert C	Neutral Sphingomyelinases and Bioactive Ceramides	National Institute of General Medical Sciences	3,545,980.00	01-Jun-2016 to 31-May-2017	Organized Research	Grant
Orlov, Dr. Alexander	Evaluating Stability and Environmental Safety of Nanocomposites	National Science Foundation	298,832.00	01-Jun-2016 to 31-May-2019	Organized Research	Grant
Johnson, Dr. Christopher J.	Complex Acid-Base Chemistry in Minimal Solvation Environments- The Case of Atmospheric New Particle Formation	National Science Foundation	417,000.00	01-Jun-2016 to 31-May-2017	Organized Research	Grant
Du, Dr. Congwu; Pan, Dr. Yingtian	Optical Platform to Image Neuronal and Vascular Effects of Cocaine in Awake Rodents	National Institute on Drug Abuse	392,483.00	01-Jun-2016 to 31-May-2017	Organized Research	Grant
Raterron, Dr. Paul; Weidner, Dr. Donald J	Collaborative Research: Rheology of the Earth's Transition Zone - An Integrated Approach	National Science Foundation	360,000.00	01-Jun-2016 to 31-May-2018	Organized Research	Grant
Sharma, Dr. Satya P.	CEWIT Internship: Zebra CEWIT Internship Program	Zebra Technologies Enterprise Corporation	115,079.00	01-Jun-2016 to 31-Dec-2016	Training	Contract
Foscolo, Dr. Lorenzo	Singularities and Collapsing in G2 Manifolds	National Science Foundation	151,048.00	01-Jun-2016 to 31-May-2019	Organized Research	Grant

Principal and Co-Principal Investigator(s)	Award Name	Sponsor Name	Total Award Amount in USD	Dates	NACUBO	Award Purpose
Bishop, Dr. Christopher	Geometric Problems in Conformal Analysis, Dynamics, and Probability	National Science Foundation	221,573.00	01-Jun-2016 to 31-May-2017	Organized Research	Grant
Kozakov, Dr. Dmytro	ABI Development: Utilization of Diverse Data in Exploring Protein-Protein Interactions	Trustees of Boston University	274,749.00	01-Jun-2016 to 31-May-2018	Organized Research	Subcontract
Muller, Dr. Erik Matthew	Diamond Beam Monitor for Medical Dosimetry	US Department of Energy	270,000.00	01-Jun-2016 to 30-May-2017	Organized Research	Grant
White, Dr. Michael G.	Graduate Student for Rebecca Hamlyn: Ambient Pressure STM Studies of Model Planar Catalysts	Brookhaven Science Associates LLC	141,429.72	02-Jun-2016 to 29-May-2019	Training	Subcontract
White, Dr. Michael G.	Funds for Gerard Mattei: Mechanist Studies of Nanostructured Pt-Alloy Electrocatalysts	Brookhaven Science Associates LLC	70,714.86	02-Jun-2016 to 29-May-2019	Training	Subcontract
Seeliger, Dr. Jessica	Exploration of the Mycobacterial Cell Envelope Proteome by Protein Labeling in Live Cells	National Institute of Allergy & Infectious Disease	435,646.00	03-Jun-2016 to 31-May-2017	Organized Research	Grant
Liang, Dr. Jerome Z; Barish, Dr. Matthew : Schweitzer, Dr. Mark : Lascarides, Dr. Chris : Bergamaschi, Dr. Roberto : Yang, Dr. Jie	Advancing Virtual Colonoscopy for Early Cancer Screening	National Cancer Institute	2,197,695.00	03-Jun-2016 to 31-May-2017	Organized Research	Grant
Holt, Dr. William E	Investigation of Seasonal Transient Strain and Stress Changes in the Plate Boundary Zone of Western North America Using Constraints from cGPS Observations	NASA Goddard Space Flight Center	153,830.00	07-Jun-2016 to 06-Jun-2017	Organized Research	Grant
Song, Dr. Yutong; Wimmer, Dr. Eckard	Chikungunya Vaccine Candidate Developed by Codon Pair De-Optimization	National Institute of Allergy & Infectious Disease	435,875.00	14-Jun-2016 to 31-May-2017	Organized Research	Grant
Lyubich, Dr. Mikhail	Analytic Low Dimensional Dynamics: From Dimension One to Two	National Science Foundation	225,000.00	15-Jun-2016 to 31-May-2017	Organized Research	Grant
Fernandez-Bugallo, Dr. Monica	CIF: Small: Advancing Adaptive Importance Sampling for Signal Processing	National Science Foundation	498,493.00	15-Jun-2016 to 31-May-2019	Organized Research	Grant
Lin, Dr. Richard; Ballou, Dr. Lisa M	P13K Signaling and Channelopathies in the Heart	National Inst of Diabetes Digestive Kidney Disease	1,752,723.00	25-Jun-2016 to 30-Jun-2017	Organized Research	Grant
Kozakov, Dr. Dmytro	AF:Small:Manifold Optimization Algorithms for Protein-protein Docking	National Science Foundation	419,153.00	29-Jun-2016 to 30-Jun-2018	Organized Research	Grant
Patro, Dr. Robert	Bilateral BBSRC-NSF/BIO: ABI Innovation: Data-Driven Hierarchical Analysis of De Novo Transcriptomes	National Science Foundation	310,627.00	01-Jul-2016 to 30-Jun-2018	Organized Research	Grant
Eliscu, Dr. Allison	Pre-Exposure Prophylaxis (PrEP) Services in General and HIV Primary Care Settings	NYS Department of Health	707,084.00	01-Jul-2016 to 30-Jun-2017	Public Services	Contract
Fontanini, Dr. Alfredo	The Synaptic Basis of Cortical Taste Processing	National Inst on Deafness & Other Comm Disorders	342,313.00	01-Jul-2016 to 30-Jun-2017	Organized Research	Grant

Principal and Co-Principal Investigator(s)	Award Name	Sponsor Name	Total Award Amount in USD	Dates	NACUBO	Award Purpose
Luft, Dr. Benjamin J	Clinical Services for World Trade Center Responders	Centers for Disease Control and Prevention	4,207,144.00	01-Jul-2016 to 31-Dec-2016	Public Services	Contract
Garcia-Diaz, Dr. Miguel	Training Grant in Pharmacological Sciences	National Institute of General Medical Sciences	206,051.00	01-Jul-2016 to 30-Jun-2017	Training	Grant
Eliscu, Dr. Allison; Beneri, Dr. Christy : Schuval, Dr. Susan : Murdocco, Dr. Richard	Adolescent/Young Adult HIV Specialized Care Centers (SCC) 2016	NYS Department of Health	1,235,000.00	01-Jul-2016 to 30-Jun-2017	Public Services	Contract
Hearing, Dr. Patrick	Regulation of Nuclear Signaling Pathways by the Adenovirus E4-ORF3 Protein	National Cancer Institute	378,557.00	01-Jul-2016 to 30-Jun-2017	Organized Research	Grant
Jia, Dr. Shu	Collaborative Research: In Vivo Deep Tissue Imaging with Ultrafast, Volumetric Super-Resolution Microscopy	National Science Foundation	365,383.00	01-Jul-2016 to 30-Jun-2019	Organized Research	Grant
Parsey, Dr. Ramin; Pillai, Mr. Rajapillai	Fellowship for Rajapillai Pillai: In Vivo Neurochemistry and Electrophysiology of Bipolar Disorder and its Treatment	National Institute of Mental Health	163,880.00	01-Jul-2016 to 30-Jun-2017	Fellowships	Grant
Kim, Dr. Hyungjin	Mechanisms Linking Proteolysis to Replication Stress and Tumorigenesis	Concern Foundation	120,000.00	01-Jul-2016 to 30-Jun-2017	Organized Research	Grant
Gathungu, Dr. Grace; Bliska, Dr. James B : Li, Dr. Ellen	Transcriptome Analysis of the Adherent-Invasive E.coli Phenotype	National Inst of Diabetes Digestive Kidney Disease	595,625.00	01-Jul-2016 to 30-Jun-2017	Organized Research	Grant
Zhu, Dr. Qing-Zhi; Aller, Dr. Robert C : Du, Dr. Xu	Ultra-Sensitive and Specific Graphene Immunosensors for In-Situ Mercury Measurement in Marine Ecosystems	National Science Foundation	136,968.00	01-Jul-2016 to 30-Jun-2017	Organized Research	Grant
Yang, Dr. Vincent	Molecular Mechanisms Regulating Intestinal Homeostasis	National Inst of Diabetes Digestive Kidney Disease	343,650.00	01-Jul-2016 to 30-Jun-2017	Organized Research	Grant
Frohman, Dr. Michael A	Medical Scientist Training Program	National Institute of General Medical Sciences	1,839,820.00	01-Jul-2016 to 30-Jun-2017	Training	Grant
Sampson, Dr. Nicole S; Tonge, Dr. Peter J.	SBU Chemistry-Biology Interface Training Program	National Institute of General Medical Sciences	900,634.00	01-Jul-2016 to 30-Jun-2017	Training	Grant
Ferguson, Dr. David L	Collegiate Science and Technology Entry Program	NYS Education Department	1,599,980.00	01-Jul-2016 to 30-Jun-2017	Educational Support	Contract
Ferguson, Dr. David L	Science and Technology Entry Program (STEP) 2016-2017	NYS Education Department	1,595,688.00	01-Jul-2016 to 30-Jun-2017	Educational Support	Contract
Van Nostrand, Dr. William E; Smith, Dr. Steven O : Miller, Dr. Lisa M.	The Role of Copper in Cerebral Amyloid Angiopathy	National Inst of Neurological Disorders & Stroke	1,739,609.00	01-Jul-2016 to 30-Apr-2017	Organized Research	Grant
Role, Dr. Lorna; Gao, Dr. Liang : Talmage, Dr. David	Genetic Tools and Imaging Technology for Mapping Cholinergic Engrams of Anxiety	National Institute of Mental Health	759,826.00	01-Jul-2016 to 30-Jun-2017	Organized Research	Cooperative Agreement

Principal and Co-Principal Investigator(s)	Award Name	Sponsor Name	Total Award Amount in USD	Dates	NACUBO	Award Purpose
Djuric, Dr. Petar M	CIF: Small: Dynamic Networks: Learning, Inference, and Prediction with Nonparametric Bayesian Methods	National Science Foundation	465,439.00	01-Jul-2016 to 30-Jun-2019	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	298,354.00	01-Jul-2016 to 30-Jun-2017	Organized Research	Grant
Kier, Dr. Catherine	CF Center Accreditation and Funding	Cystic Fibrosis Foundation	54,500.00	01-Jul-2016 to 30-Jun-2017	Organized Research	Grant
Neiman, Dr. Aaron M	Molecular and Cellular Biology & Biochemistry and Structural Biology Graduate Training	National Institute of General Medical Sciences	206,346.00	01-Jul-2016 to 30-Jun-2017	Training	Grant
Chang, Dr. Kar; Kim, Dr. Hyemi ; Zhang, Dr. Ming-hua	Understanding the Sources of Subseasonal Predictability of Extratropical Cyclone Activity and Improving Their Representation in Forecast Systems	National Oceanic and Atmospheric Administration	394,329.00	01-Jul-2016 to 30-Jun-2017	Organized Research	Grant
Marino, Dr. Marie; Monahan, Dr. Kathleen ; Truhlar, Dr. Mary R ; Escallier, Dr. Lori ; Bruckenthal, Dr. Patricia ; Cannella, Ms. Dolores	Nurse Education, Practice, Quality, and Retention - Interprofessional Collaborative Practice	Health Resources and Services Admin	951,688.00	01-Jul-2016 to 30-Jun-2017	Training	Cooperative Agreement
Shurpin, Dr. Kathleen; Walker, Dr. Kelly ; Waryold, Mr. Justin	Advanced Education Nursing Traineeship	Health Resources and Services Admin	350,000.00	01-Jul-2016 to 30-Jun-2017	Training	Grant
Luk, Dr. Edward E	Mechanisms of Chromatin Remodeling at Yeast Promoters	National Institute of General Medical Sciences	70,241.00	01-Jul-2016 to 30-Sep-2016	Organized Research	Grant
Jia, Dr. Jiangyong	Dynamics and Properties of Hot and Dense Quark and Gluon Matter	National Science Foundation	525,000.00	01-Jul-2016 to 30-Jun-2017	Organized Research	Grant
Anderson, Dr. Michael T	Geometry and Analysis of Einstein Metrics	National Science Foundation	337,414.00	01-Jul-2016 to 30-Jun-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	154,000.00	01-Jul-2016 to 30-Jun-2017	Organized Research	Grant
Mallipattu, Dr. Sandeep	Kruppel-like Factor 15 os Critical to the Identification of Novel Therapeutics in Chronic Kidney Disease	American Heart Association Founders Affiliate	154,000.00	01-Jul-2016 to 30-Jun-2017	Organized Research	Grant
Dwivedi, Dr. Gopal; Nakamura, Dr. Toshio ; Sampath, Dr. Sanjay	Estimation of TBC Durability and Thermal Conductivity Based on Coating Property Evaluations - Phase 2	Mitsubishi Heavy Industries	136,364.00	01-Jul-2016 to 30-Apr-2017	Organized Activities	Contract
Del Poeta, Dr. Maurizio; Luberto, Dr. Chiara ; Sheridan, Dr. Brian ; Fries, Dr. Bettina	Lipid-Mediated Fungal Pathogenesis	National Institute of Allergy & Infectious Disease	2,902,376.00	01-Jul-2016 to 30-Jun-2017	Organized Research	Grant
Sampath, Dr. Sanjay	High Performance Thermal Barrier Coating	UT Battelle LLC	95,491.00	13-Jul-2016 to 16-May-2017	Organized Research	Subcontract

Principal and Co-Principal Investigator(s)	Award Name	Sponsor Name	Total Award Amount in USD	Dates	NACUBO	Award Purpose
Girnun, Dr. Geoffrey; Ruiz, Mr. Christian	NRSA for Christian Ruiz: The Role of the Hexosamine Biosynthetic Pathway in Non-Small Cell Lung Carcinoma	National Cancer Institute	100,113.00	15-Jul-2016 to 14-Jul-2017	Training	Grant
Seeliger, Dr. Markus A	Dynamics of Inhibitor Binding and Regulation of Protein Tyrosine Kinases	National Institute of General Medical Sciences	1,979,805.00	15-Jul-2016 to 31-May-2017	Organized Research	Grant
Allison, Dr. Thomas	Ultrafast Dynamics of Molecules on Surfaces Studied with Time-Resolved XUV Photoelectron Spectroscopy	US Department of Energy	750,000.00	15-Jul-2016 to 14-Jul-2017	Organized Research	Grant