

Office of Research and Sponsored Programs, Campus Center, Room H-313C, Tele. Ext. 3215

### Research Grants...

- Support the mission of our College
- Increase the status of the College and the specific academic department(s) involved
- Augment the College's infrastructure, e.g., bringing state of the art equipment to our labs
- Provide expanded opportunities for faculty career development, notably increased professional travel
- Provide research experiences and other career oriented proficiencies for students
- Advance knowledge and promote the public's welfare
- *Can often serve as a source for summer salary*

For many faculty nationwide, summer is a time when much of the grant-seeking process is conducted, but consistently successful grant-seekers know that you do not wait until late-May or early June to begin the effort. You want to begin now with some seemingly small, but truly important, preliminary steps -- now because the development and assembly of a successful grant proposal requires a considerable investment in time.

A logical first step, when taking on a grant-seeking challenge, is to assess what resources may be available to you at the College – people you can enlist to aid you in developing your grant application or making your argument to award a grant to Old Westbury. The Office of Research and Sponsored Programs (ORSP) invites you to make us your first stop. Learn the range of training and experience available through ORSP. Maybe we can help identify other offices and individuals on campus who can assist in your effort as well. But, begin the process now because quality assistance can take some time.

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## Two Important Research Grant Programs Designed Specifically for Predominantly Undergraduate Institutions: NIH's "AREA" and NSF's "RUI/ROA" Programs

The **National Institutes of Health (NIH)** and the **National Science Foundation (NSF)** are our nation's two largest providers of research support to academe, providing funding for both natural and physical sciences and the social and behavioral sciences. Both agencies recognize the importance of undergraduate education and exposing undergraduates to innovative research and research techniques and each agency provides special programs in support of research at Predominantly Undergraduate Institutions (PUI). Following, a few facts about each agency's respective PUI research programs.



### National Institutes of Health

<https://grants.nih.gov/grants/guide/pa-files/par-18-714.html>



### National Science Foundation

<https://www.nsf.gov/pubs/2014/nsf14579/nsf14579.htm>

The **Academic Research Enhancement Awards (AREA)** program supports small-scale research projects at educational institutions that have not been major recipients of NIH support but who provide baccalaureate degrees for a significant number of the Nation's research scientists. The goals of AREA grants (a.k.a. R15 awards) are to support meritorious research; expose students to research; and strengthen the research environment of the institution.

Awards provide Direct Costs of up to \$300,000 for periods not to exceed 36 months.

**Application due dates:** June 25, October 25, and February 25 annually.

■ **Research in Undergraduate Institutions (RUI)** awards support PUI faculty in research that engages them at their home institution, and supports the integration of research and undergraduate education.

■ **Research Opportunity Awards (ROA)** similarly support PUI faculty research, but these awards typically allow faculty to work as visiting scientists at research-intensive organizations where they collaborate with other NSF-supported investigators. Support levels vary by discipline and program.

**Application due dates:** Vary by program. Contact ORSP for assistance determining due dates.



**The latest news on  
Preparing Your NIH Proposal**

A “How To Apply – Application Guide”

offering guidance to both beginning and experienced applicants has been posted at <https://grants.nih.gov/grants/how-to-apply-application-guide.html>. The site also offers an introduction to new forms, “F Series” forms, required for use with applications submitted on or after May 25, 2020. “E Series” forms should continue to be used on applications submitted prior to that date. See story below regarding SciENcv.



**The latest news on  
Preparing Your NSF Proposal**

NSF has issued a new “Proposal and Awards

Policy and Procedures Guide” (PAPPG), which will be considered in effect for proposals submitted June 1, 2020 or thereafter. While much of the content is intended to clarify language contained in earlier versions of the PAPPG and not to change policy, grant applicants should note the introduction there are some changes including new requirements in the “Biographical Sketch” and “Current & Pending Support” pages. See story below regarding SciENcv.

**Attention: Applicants to NIH, NSF and other Federal granting agencies...**

**SciENcv – Finally, a Common BioSketch**



Science Experts Network Curriculum Vitae (SciENcv) is a new electronic system that helps researchers assemble the professional information needed for participation in federally funded research. SciENcv gathers and compiles information on expertise, employment, education and professional accomplishments. Researchers can use SciENcv to create and maintain biosketches that are submitted with grant applications and annual reports. SciENcv eliminates the need to repeatedly enter biosketch information in application forms and allows researchers to describe and highlight their scientific contributions in their own words. SciENcv was developed by the National Center for Biotechnology Information (NCBI) of the National Institutes of Health as a Federal Demonstration Partnership (FDP) initiative. FDP was established to reduce administrative burdens associated with Federal grants to academe. It is expected that the biosketch tool and format will be required for use by a vast majority of Federal research sponsors in the near future and soon be adopted by many national private foundations. In the case of NIH and NSF, use of the SciENcv format will be required almost immediately (May 25 and June 1, 2020 respectively). URL: <https://www.ncbi.nlm.nih.gov/sciencv/>

**Opportunity Grants, New York State Space Grant Consortium**

URL: <https://www.nyspacegrant.org/opportunity-grants>

Application due dates: May 1, 2020 for summer activity; August 1, 2020, for fall. (Probable: December for spring 2021).

The New York State Space Grant Consortium (NYSG) provides grants to support New York primary, secondary, and post-secondary educators and higher education students working on NASA-related projects in science, technology, engineering, and mathematics. Each applicant can request up to \$2,000 in funding, “on a recurring basis.” Activities may include student research mentored by college faculty, travel to present at scientific conferences or symposia, and participation in training or professional development. Grant applications are reviewed based on the proposed activity’s relevance to NASA priorities, the breadth of its impact on science or aerospace technology in New York State, and anticipated impact of funding on the recipient’s career.

**Human-Environment & Geographical Sciences Program (HEGS), National Science Foundation**

URL: [https://www.nsf.gov/pubs/2020/nsf20547/nsf20547.htm?WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](https://www.nsf.gov/pubs/2020/nsf20547/nsf20547.htm?WT.mc_id=USNSF_25&WT.mc_ev=click)

Application due date: August 18, 2020

Projects about a broad range of topics may be appropriate for support if they enhance fundamental geographical knowledge, concepts, theories, methods, and their application to societal problems and concerns. It should be noted that HEGS is situated in the Behavioral and Cognitive Sciences Division of the Social, Behavioral and Economic Sciences Directorate at NSF. Therefore, “it is critical that research projects submitted to the Human-Environment and Geographical Sciences Program illustrate how the proposed research is relevant and important to people and societies.

*The Office of Research and Sponsored Programs serves the College at Old Westbury in the dual roles of promoting grant-supported scholarly activity and assisting in the administration and management of sponsored programs. Consequently, the Office reports to both the Office of Academic Affairs and the Division of Business & Finance.*



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