

**NATIONAL SCIENCE FOUNDATION**



**WHITE HOUSE INITIATIVE ON EDUCATIONAL EXCELLENCE FOR HISPANICS**

**Objective 2.1.6: Data, Grant and Funding Models:**

Identify grant opportunities, programs, etc...benefiting Hispanic STEM education, with a specific focus on Hispanic Serving Institutions (HSI's).

**Department/Agency:** National Science Foundation

**High Priority Performance Goal or Program Goal 2:** K-12 EDUCATION – STEM

**Other Programs/Projects/Initiatives:**

| Strategic Activity   | Timeframe   | Total Population Served | Hispanics Served (Explain metrics)        | Funding             | Driver/Contact Info             | Performance Outcomes   |
|--|---|-------------------------|---|---------------------|---------------------------------|--|
| <p>1. Discovery Research K-12:<br/> <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=500047&amp;org=DRL&amp;from=home">http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=500047&amp;org=DRL&amp;from=home</a></p> <p>The Discovery Research K-12 program (DRK-12) seeks to significantly enhance the learning and teaching of STEM by preK-12 students and teachers, through</p> | <p>Deadline<br/>                     October 16, 2014</p> | <p>N/A</p>              | <p>One grant made to an HSI in FY2014</p> | <p>\$50 million</p> | <p>See program solicitation</p> | <p>Teachers and students who participate in DRK-12 studies are expected to enhance their understanding and use of STEM content, practices and skills.</p> <p>Note: The K-12 funding opportunities are open to all and can benefit Hispanic education but <u>do not</u> have a specific focus on HSIs</p> |

| Strategic Activity   | Timeframe                            | Total Population Served | Hispanics Served (Explain metrics) | Funding             | Driver/Contact Info             | Performance Outcomes  |
|--|--------------------------------------|-------------------------|------------------------------------|---------------------|---------------------------------|---|
| <p>research and development of innovative resources, models and tools (RMTs). Projects in the DRK-12 program build on fundamental research in STEM education and prior research and development efforts that provide theoretical and empirical justification for proposed projects.</p>  |                                      |                         |                                    |                     |                                 |   |
| <p>2. Innovative Technology Experiences for Students and Teachers (ITEST):<br/> <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5467&amp;org=DR&amp;from=home">http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5467&amp;org=DR&amp;from=home</a></p> <p>The ITEST program through research and model-building activities seeks to build understandings of best practice factors, contexts and processes contributing to K-12 students' motivation and participation in the science, technology, engineering, and mathematics (STEM) core domains along with other STEM cognate domains (e.g., information and communications technology (ICT), computing, computer sciences, data analytics, among others) that inform education programs and workforce domains. The ITEST program funds foundational and applied research projects addressing the development, implementation, and dissemination of innovative strategies, tools, and models for engaging students to be aware of STEM and cognate careers, and to pursue formal school-based and informal out-of-school educational experiences to prepare for such</p> | <p>Deadline<br/>November 6, 2014</p> | <p>N/A</p>              | <p>N/A</p>                         | <p>\$50 million</p> | <p>See program solicitation</p> | <p>This program provides indirect funding for students at this level or focuses on educational developments for this group such as curricula development, training or retention.</p> <p>Note: The K-12 funding opportunities are open to all and can benefit Hispanic education but <u>do not</u> have a specific focus on HSIs</p> |

| Strategic Activity  | Timeframe | Total Population Served | Hispanics Served (Explain metrics) | Funding      | Driver/Contact Info      | Performance Outcomes  |
|---|-----------|-------------------------|------------------------------------|--------------|--------------------------|---|
| careers.  |           |                         |                                    |              |                          |   |
| <p>3. STEM-C Partnerships: MSP: <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505006&amp;org=DRL&amp;from=home">http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505006&amp;org=DRL&amp;from=home</a></p> <p>The STEM-C (Science, Technology, Engineering and Mathematics, including Computing) Partnerships program is a major research and development effort of two NSF Directorates, the Directorate for Education and Human Resources and the Directorate for Computer and Information Science and Engineering, which supports innovative partnerships to improve teaching and learning in science, technology, engineering, and mathematics (STEM) disciplines. STEM-C Partnerships combines and advances the efforts of both the former Math and Science Partnership (MSP) and the former Computing Education for the 21<sup>st</sup> Century (CE21) programs.</p> | N/A       | N/A                     | N/A                                | \$57 million | See program solicitation | Note: The K-12 funding opportunities are open to all and can benefit Hispanic education but <u>do not</u> have a specific focus on HSIs |

**Objective 2.2.5: Data, Grant and Funding Models**

Identify grant opportunities, programs, etc...benefitting educators and school districts such as Teacher Incentive Grant, with a specific focus on those benefitting HSI's.

**High Priority Performance Goal or Program Goal 2: K-12 EDUCATION – Teacher Recruitment and Education**

**Other Programs/Projects/Initiatives:**

| Strategic Activity  | Timeframe  | Total Population Served                        | Hispanics Served (Explain metrics) | Funding                       | Driver/Contact Info   | Performance Outcomes                              |
|---|--|--|------------------------------------|-------------------------------|---|---|
| <p>1. Robert Noyce Teacher Scholarship Program: <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5733&amp;org=NSF">http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5733&amp;org=NSF</a></p> <p>The <b>Robert Noyce Teacher Scholarship Program</b> seeks to encourage talented science, technology, engineering, and mathematics majors and professionals to become K-12 mathematics and science teachers. The <b>Noyce Scholarship Track</b> provides funds to institutions of higher education to support scholarships, stipends, and academic programs for undergraduate STEM majors and post-baccalaureate students holding STEM degrees who earn a teaching credential and commit to teaching in high-need K-12 school districts. The <b>NSF Teaching Fellowship/Master Teaching Fellowship Track</b> provides funding to support STEM professionals who enroll as NSF Teaching Fellows in master's degree programs leading to teacher certification by providing academic courses, professional development, and salary supplements while they are fulfilling a four-year teaching commitment in a high-need school district. This track also supports the development of NSF Master Teaching Fellows by providing professional development and salary supplements for exemplary mathematics and science teachers to become Master Teachers while they fulfill a five-year teaching commitment in high-need school districts.</p> | TBD/FY2015 solicitation under development                          | N/A  | Six HSIs were funded in 2014       | \$52 million in FY2014        | See program solicitation  | N/A   |
| <p>2. Presidential Awards for Excellence in Mathematics and Science Teaching (PAEMST): <a href="https://www.paemst.org/">https://www.paemst.org/</a></p> <p>The Presidential Awards for Excellence in Mathematics and Science Teaching (PAEMST) are the nation's highest honors for teachers of mathematics and science (including computer science). Awardees serve as models for their colleagues, inspiration to their communities, and leaders in the improvement of mathematics and science education.</p>   | Nominations for teachers in grades 7-12 will open in the fall 2014 | Mathematics and science teachers across the US | N/A                                | N/A – Honorary Awards Program | Nafeesa Owens, <a href="mailto:nowens@nsf.gov">nowens@nsf.gov</a><br><a href="mailto:info@paemst.org">info@paemst.org</a> | Winners include two teachers per state, territory |

| Strategic Activity  | Timeframe                      | Total Population Served  | Hispanics Served (Explain metrics) | Funding  | Driver/Contact Info  | Performance Outcomes |
|---|--------------------------------|--|------------------------------------|--|--|----------------------|
| <p>3. Research Experiences for Teachers (RETS and Research Experience for Undergraduates (REUs):<br/> <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5736&amp;org=NSF">http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5736&amp;org=NSF</a></p> <p>The Directorate for Engineering (ENG) and the Directorate for Computer and Information Science and Engineering (CISE), Research Experiences for Teachers (RET) in Engineering and Computer Science program supports the active involvement of K-12 science, technology, engineering, computer and information science, and mathematics (STEM) teachers and community college faculty in engineering and computer science research in order to bring knowledge of engineering, computer science, and technological innovation into their classrooms. The goal is to help build long-term collaborative partnerships between K-12 STEM teachers, community college faculty, and the NSF university research community by involving the teachers and community college faculty in engineering and computer science research and helping them translate their research experiences and new knowledge into classroom activities.</p> <p>REUs in Biological Sciences:<br/> <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503658">http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503658</a></p> | <p>First Monday in October</p> | <p>Two REU Sites awards in FY14, which serve multiple students</p> |                                    | <p>Varies by program; supplements to existing grants</p> | <p>See solicitation; REUs are available in all research areas as supplements to active awards:</p> |                      |

**Objective 2.3.6: Data, Grant and Funding Models:**  
Identify grant opportunities, programs, outreach efforts etc...that address family engagement in the Hispanic community.

**Other Programs/Projects/Initiatives:**

**High Priority Performance Goal or Program Goal 2: K-12 EDUCATION – Family Engagement**

| Strategic Activity   | Timeframe  | Total Population Served | Hispanics Served (Explain metrics) | Funding                  | Driver/Contact Info | Performance Outcomes  |
|--|--|-------------------------|------------------------------------|--------------------------|---------------------|---|
| <p>1. Advancing Informal STEM Learning (AISL): <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504793&amp;org=DRL&amp;from=home">http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504793&amp;org=DRL&amp;from=home</a></p> <p>The Advancing Informal STEM Learning (AISL) program seeks to advance new approaches to and evidence-based understanding of the design and development of STEM learning in informal environments; provide multiple pathways for broadening access to and engagement in STEM learning experiences; advance innovative research on and assessment of STEM learning in informal environments; and develop understandings of deeper learning by participants.</p> | <p>July 10, 2014-Science Learning+; November 14, 2014 - AISL</p> | <p>N/A</p>              | <p>N/A</p>                         | <p>\$25-\$32 million</p> | <p>N/A</p>          | <p>Museums, science centers, academic institutions, community based organizations are typical applicants and awardees</p> |

**Objective 3.1.6: Funding and Grant Opportunities:**

Identify funding and grant opportunities, federal level resources (e.g. student aid efforts,) available to HSI's and Hispanic families.

**High Priority Performance Goal or Program Goal 2: POST-SECONDARY**

**Other Programs/Projects/Initiatives:**

| Strategic Activity   | Timeframe  | Total Population Served | Hispanics Served (Explain metrics) | Funding  | Driver/Contact Info  | Performance Outcomes  |
|--|--|-------------------------|------------------------------------|--|--|---|
| <p><b>a. Early Concept Grants for Exploratory Research (EAGER) and Conferences,</b> focus on evidence-based practices that have been shown to be particularly effective for students at HSIs, as well as exploratory research that may lead to new models and best practices. Examples of appropriate topics include:</p> <ul style="list-style-type: none"> <li>• Research on strategies that enhance interest and motivation of students and improve persistence and graduation rates in undergraduate STEM programs at HSIs through innovations in STEM curricula, instructional materials, and research experiences</li> <li>• Building capacity at HSIs through collaborations with majority institutions that support faculty research, professional development, and mentoring</li> <li>• Build capacity at HSIs for successfully competing for federal funding aimed at improving STEM education and research</li> </ul> | <p>FY 14<br/>Deadline May 31, 2014;<br/>June 19, 2015<br/>and May 31, 2016</p>     | <p>N/A</p>              | <p>N/A</p>                         | <p>Special grants are funded out of existing programs. Final funding levels will be determined based upon the number of awards funded. FY2014, 5 projects funded to HSI community colleges as lead or as a partner</p> | <p>See <a href="http://www.nsf.gov/pubs/2014/nsf14064/nsf14064.pdf">http://www.nsf.gov/pubs/2014/nsf14064/nsf14064.pdf</a><br/><br/><a href="http://www.nsf.gov/publications/pubsumm.jsp?ods_key=nsf15078">http://www.nsf.gov/publications/pubsumm.jsp?ods_key=nsf15078</a><br/><br/>for individual contacts</p> | <ul style="list-style-type: none"> <li>• Understanding barriers and challenges that prevent the transfer of students at two-year HSIs to four-year colleges; understanding factors that promote the transfer of students including articulation agreements</li> <li>• Improving the quality of STEM undergraduate academic and research experiences at two-year HSIs</li> <li>• Understanding factors that will lead to improved retention of students in STEM programs at two-year HSIs</li> </ul> |
| <p><b>b. Supplemental funding to HSIs</b><br/>NSF encourages Principal Investigators with active NSF awards to submit requests supplemental funding for the purpose of increasing the matriculation of graduates of two-year HSIs to four-year institutions while strengthening strategies for retention in STEM majors, such as providing research experiences for first and second-year undergraduates.</p>  | <p>FY 14<br/>Deadline May 23, 2014;<br/>May 15, 2015<br/>and December 15, 2015</p> | <p>N/A</p>              | <p>N/A</p>                         | <p>Supplemental grants are funded out of existing programs. Final funding levels are determined based upon the</p>   | <p>See <a href="http://www.nsf.gov/pubs/2014/nsf14065/nsf14065.pdf">http://www.nsf.gov/pubs/2014/nsf14065/nsf14065.pdf</a><br/><br/><a href="http://www.nsf.gov/pubs/2015/nsf15063/nsf15063.jsp">http://www.nsf.gov/pubs/2015/nsf15063/nsf15063.jsp</a><br/><br/>For individual</p>                              | <p>a. increasing the matriculation of graduates of two-year HSIs to four-year institutions while strengthening strategies for retention in STEM majors,<br/>b. providing research experiences for first and second-year undergraduates.</p>   |

| Strategic Activity   | Timeframe | Total Population Served | Hispanics Served (Explain metrics) | Funding  | Driver/Contact Info     | Performance Outcomes |
|--|-----------|-------------------------|------------------------------------|--|-------------------------|----------------------|
| <p>Examples:</p> <p>Louis Stokes Alliances for Minority Participation (LSAMP) Bridge to the Baccalaureate program<br/> <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pi_ms_id=13646&amp;org=HRD&amp;from=home">http://www.nsf.gov/funding/pgm_summ.jsp?pi_ms_id=13646&amp;org=HRD&amp;from=home</a></p> <p>Advanced Technological Education (ATE)<br/> <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pi_ms_id=5464">http://www.nsf.gov/funding/pgm_summ.jsp?pi_ms_id=5464</a></p> <p>NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)<br/> <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pi_ms_id=5257">http://www.nsf.gov/funding/pgm_summ.jsp?pi_ms_id=5257</a></p> <p>Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP)<br/> <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pi_ms_id=5488">http://www.nsf.gov/funding/pgm_summ.jsp?pi_ms_id=5488</a></p> <p>Transforming Undergraduate Education in Science, Technology, Engineering and Mathematics (TUES)<br/> <a href="http://www.nsf.gov/publications/pub_summ.jsp?WT.z_pims_id=5741&amp;ods_key=nsf10544">http://www.nsf.gov/publications/pub_summ.jsp?WT.z_pims_id=5741&amp;ods_key=nsf10544</a></p> <p>Widening Implementation &amp; Demonstration of Evidence-Based Reforms (WIDER)<br/> <a href="http://www.nsf.gov/publications/pub_summ.jsp?WT.z_pims_id=504889&amp;ods_key=nsf13552">http://www.nsf.gov/publications/pub_summ.jsp?WT.z_pims_id=504889&amp;ods_key=nsf13552</a></p> <p>REU Sites (apply for supplements to REU sites awards)<br/> <a href="http://www.nsf.gov/pubs/2013/nsf13542/nsf13542.htm">http://www.nsf.gov/pubs/2013/nsf13542/nsf13542.htm</a></p> |           |                         |                                    | <p>number of awards funded. FY2014, 4 supplements funded to HSI community colleges</p> | <p>program contacts</p> |                      |

| Strategic Activity   | Timeframe                  | Total Population Served | Hispanics Served (Explain metrics) | Funding | Driver/Contact Info   | Performance Outcomes  |
|--|----------------------------|-------------------------|------------------------------------|---------|---|---|
| <p><b>c. Dear Colleague Letter NSF 12-081</b><br/> The NSF encourages enhanced participation of HSIs in a range of available programs in order to draw upon a larger proportion of HSI institutions than are currently represented, and thereby reach more Hispanic students. These programs include 18 various scholarship, fellowship or supplemental funding for existing research projects to support underrepresented students, such as but not limited to the following:<br/> MPS AGEP-GRS Dear Colleague Letter<br/> <a href="http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf12021">http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf12021</a><br/> Partnerships for Research and Education in Materials (PREM)<br/> <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5439">http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5439</a><br/> Federal Cyber Service: Scholarship for Service (SFS)<br/> <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5228">http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5228</a><br/> Computing Education for the 21st Century (CE21)<br/> <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503582">http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503582</a><br/> Broadening Participation Research Initiation Grants in Engineering (BRIGE)<br/> <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503160">http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503160</a><br/> Research Experiences for Undergraduates (REU)<br/> <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5517&amp;from=fund">http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5517&amp;from=fund</a><br/> Ocean Sciences Postdoctoral Research Fellowships (OCE-PRF)<br/> <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503668&amp;org=OCE&amp;from=home">http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503668&amp;org=OCE&amp;from=home</a></p> | Open Dear Colleague Letter | N/A                     | N/A                                | N/A     | See:<br><a href="http://www.nsf.gov/pubs/2012/nsf12081/nsf12081.jsp?WT.mc_id=USNSF25&amp;WT.mc_ev=click">http://www.nsf.gov/pubs/2012/nsf12081/nsf12081.jsp?WT.mc_id=USNSF25&amp;WT.mc_ev=click</a> | <ol style="list-style-type: none"> <li>1. Increase the entry, retention and graduation rates of Hispanic students pursuing associate or baccalaureate degrees in science, technology, engineering, and mathematics (STEM) fields</li> <li>2. Expand and deepen Hispanic student participation in research experiences</li> <li>3. Provide for new STEM instructional approaches, program models, and strategies in Hispanic-Serving Institutions (HSIs, as defined in section 502 of the Higher Education Act of 1965 (20 U.S.C. 1101A))</li> <li>4. Stimulate effective STEM faculty development in HSIs</li> <li>5. Support research activities in the Science of Broadening Participation focusing on the specific context of the Hispanic experience in STEM</li> <li>6. Leverage increased Hispanic participation in STEM through partnerships with other stakeholders committed to broadening participation.</li> </ol> |

| Strategic Activity  | Timeframe   | Total Population Served | Hispanics Served (Explain metrics) | Funding                                | Driver/Contact Info                  | Performance Outcomes |
|---|---|-------------------------|------------------------------------|--|--------------------------------------|----------------------|
| <p><b>d. Presidential Awards for Excellence in Science, Mathematics, and Engineering Mentoring (PAESMEM):</b> <a href="http://www.nsf.gov/pubs/2014/nsf14567/nsf14567.htm?WT.mc_id=USNSF_25&amp;WT.mc_ev=click">http://www.nsf.gov/pubs/2014/nsf14567/nsf14567.htm?WT.mc_id=USNSF_25&amp;WT.mc_ev=click</a></p> <p>PAESMEM recognizes individuals for their mentoring of persons from underrepresented racial and ethnic groups, women, persons with disabilities, persons from disadvantaged socioeconomic backgrounds, and early career scientists and engineers. Historically underrepresented racial and ethnic groups in STEM fields include African-Americans, Hispanic Americans, Native Americans, Pacific Islanders, Native Hawaiians, and Native Alaskans.</p>  | <p>Nominations due October 3, 2014; June 19, 2015</p> | <p>N/A</p>              | <p>N/A</p>                         | <p>N/A<br/>Honorary Awards Program</p> | <p>N/A</p>                           | <p>N/A</p>           |
| <p><b>e. Center of Research Excellence in Science and Technology (CREST)</b><br/><a href="http://www.nsf.gov/funding/pgm_summ.jsp?pi_ms_id=6668&amp;org=HRD&amp;from=home">http://www.nsf.gov/funding/pgm_summ.jsp?pi_ms_id=6668&amp;org=HRD&amp;from=home</a></p> <p>The Centers of Research Excellence in Science and Technology (CREST) program provides support to enhance the research capabilities of MSIs through the establishment of centers that effectively integrate education and research. CREST promotes the development of new knowledge, enhancements of the research productivity of individual faculty, and an expanded presence of students historically underrepresented in STEM disciplines. HBCU-RISE awards specifically target HBCUs to support the expansion of institutional research capacity as well as the production of doctoral students, especially those from groups underrepresented in STEM, at those institutions.</p> | <p>TBD/ FY2015 solicitation under development</p>     | <p>N/A</p>              | <p>N/A</p>                         | <p>\$13 million</p>                    | <p>See solicitation for contacts</p> | <p>N/A</p>           |

**Objective 3.1.7: Internship and Fellowships:**

Identify internship and fellowship opportunities available to HSI's and Hispanic students.

| Strategic Activity   | Timeframe                                       | Total Population Served | Hispanics Served (Explain metrics) | Funding                    | Driver/Contact Info       | Performance Outcomes  |
|--|---|-------------------------|------------------------------------|----------------------------|---------------------------|---|
| <p>1. Graduate Research Fellowship Program (GRF):<br/> <a href="http://www.nsf.gov/pubs/2014/nsf14590/nsf14590.htm">http://www.nsf.gov/pubs/2014/nsf14590/nsf14590.htm</a><br/>                     The purpose of the NSF Graduate Research Fellowship Program (GRFP) is to help ensure the vitality and diversity of the scientific and engineering workforce of the U.S. The program recognizes and supports outstanding graduate students who are pursuing research-based master's and doctoral degrees in fields within NSF's mission. The GRFP provides 3 years of support for the graduate education of individuals who have demonstrated their potential for significant achievements in science and engineering research. Individuals can apply to GRF annually; deadlines vary based on discipline;</p>                            | Solicitation under revision; new dates for 2015 | N/A                     | N/A                                | \$325 million              | See program solicitations | Increase the diversity of the workforce   |
| <p>2. National Science Foundation Research Traineeship Program (NRT):<br/> <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505015&amp;org=DGE&amp;from=home">http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505015&amp;org=DGE&amp;from=home</a><br/>                     The NSF Research Traineeship (NRT) program is designed to encourage the development of bold, new, potentially transformative, and scalable models for STEM graduate training that ensure that graduate students develop the skills, knowledge, and competencies needed to pursue a range of STEM careers. The NRT program initially has one priority research theme - Data-Enabled Science and Engineering (DESE); in addition, proposals are encouraged on any other crosscutting, interdisciplinary theme. Institutions apply for funding from NRT</p> | June 24, 2014                                   | N/A                     | N/A                                | Up to \$30 million         | N/A                       | To ensure that graduate students develop the skills, knowledge, and competencies needed to pursue a range of STEM careers |
| <p>3. NSF Scholarships in Science, Technology, Engineering, and Mathematics Program (S-STEM)<br/>                     This program makes grants to institutions of higher education to support scholarships for academically talented students demonstrating financial need, enabling them to enter the STEM workforce or STEM graduate school following completion of an associate, baccalaureate, or graduate-level degree in STEM disciplines. Grantee institutions are responsible for selecting scholarship recipients, reporting demographic information about student scholars, and managing the S-STEM project at the institution. The program does not make scholarship awards directly to students; students should contact their institution's Office of Financial Aid for this and other scholarship opportunities.</p>          | Solicitation under revision; new dates          | N/A                     | N/A                                | \$50-\$70 million annually | N/A                       | N/A   |

**Objective 3.1.8: Workforce Diversity:**

Identify programs that inform all communities, including Hispanics, of employment opportunities in the agency.

| Strategic Activity   | Timeframe  | Total Population Served | Hispanics Served (Explain metrics) | Funding               | Driver/Contact Info             | Performance Outcomes  |
|--|--|-------------------------|------------------------------------|-----------------------|---------------------------------|---|
| <p>1. Innovative Technology Experiences for Students and Teachers (ITEST): <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5467&amp;org=DRL&amp;from=home">http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5467&amp;org=DRL&amp;from=home</a></p> <p>The ITEST program through research and model-building activities seeks to build understandings of best practice factors, contexts and processes contributing to K-12 students' motivation and participation in the science, technology, engineering, and mathematics (STEM) core domains along with other STEM cognate domains (e.g., information and communications technology (ICT), computing, computer sciences, data analytics, among others) that inform education programs and workforce domains. The ITEST program funds foundational and applied research projects addressing the development, implementation, and dissemination of innovative strategies, tools, and models for engaging students to be aware of STEM and cognate careers, and to pursue formal school-based and informal out-of-school educational experiences to prepare for such careers.</p> | <p>Deadline<br/>November 6,<br/>2014</p>                     | <p>N/A</p>              | <p>N/A</p>                         | <p>\$50 million</p>   | <p>See program solicitation</p> | <p>seeks to build understandings of best practice factors, contexts and processes contributing to K-12 students' motivation and participation in STEM</p> |
| <p>2. International Research Experiences for Students (IRES)</p> <p>The International Research Experiences for Students (IRES) program supports development of globally-engaged U.S. science and engineering students capable of performing in an international research environment at the forefront of science and engineering. The IRES program supports active research participation by students enrolled as undergraduates or graduate students in any of the areas of research funded by the National Science Foundation. IRES projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the IRES program.</p>  | <p>Proposals due on the Third Tuesday in August annually</p> | <p>N/A</p>              | <p>N/A</p>                         | <p>\$2.25 million</p> | <p>See program solicitation</p> | <p>Contributes to the development of a globally-engaged STEM workforce</p>  |