LEWIS–BURKE

ASSOCIATES LLC

Federal Opportunities for Minority Serving Institutions

January 13, 2021

This document provides an overview of federal opportunities specifically available to Minority-Serving Institutions (MSIs), which are United States higher education institutions based on historical origin or percentage of minority students enrolled. Programs described below are likely of interest to various Hispanic-Serving Institutions (HSIs), Historically Black Colleges and Universities (HBCUs), and Tribal Colleges and Universities (TCUs), among other MSIs. Finally, this document only includes programs either currently or previously funded by Congress and omits those that have been authorized but have never received appropriations.

Overview

Department of Education (ED)

The HSI Division of the Department of Education offers three grant programs. An HSI designation is granted by ED when an institution has 25 percent of its undergraduate full-time students identifying as Hispanic and a substantial enrollment of high-need students.

- o **Developing Hispanic-Serving Institutions Program** – This program is authorized under Title V, Part A of the *Higher Education Act* (HEA) to expand educational opportunities for Hispanic students, increase their enrollment in institutions of higher education and attainment of post-secondary degrees, as well as improve educational and institutional quality. The fiscal year (FY) 2020 application deadline was **February 24, 2020.**
  Source: https://www2.ed.gov/programs/idueshsi/index.html.

- o **Promoting Postbaccalaureate Opportunities for Hispanic Americans (PPOHA) Program**—This program is authorized under Title V, Part B of HEA and seeks to increase the attainment of postsecondary degrees by Hispanic and low-incomes students. PPOHA provides grants to improve the quality of and expand post-baccalaureate programs for Hispanic students. The fiscal year (FY) 2019 application deadline was **July 26, 2019**.
  Source: https://www2.ed.gov/programs/ppoha/applicant.html.

- o **Hispanic-Serving Institutions - Science, Technology, Engineering, or Mathematics (HSI STEM) and Articulation Programs—**Authorized by Title III, Part F, this program is intended to increase the number of Hispanic and low-income students in STEM fields. Additionally, HSI STEM encourages articulation agreements between two-year and four-year institutions in which credits apply to associate degrees and transfer to bachelor's degrees. This program, which is funded through mandatory spending, has not been competed since fiscal year (FY) 2016.
  Source: https://www2.ed.gov/programs/hsistem/applicant.html.

The Asian American and Native American Pacific Islander-Serving Institutions (**AANAPISI) Program.** Authorized by Title III, Part A, the AANAPISI program offers grants to eligible institutions to improve their capacity to serve Asian American and Native American Pacific Islander students, as well as low-income individuals. The fiscal year (FY) 2020 deadline was **February 28, 2020**.
Source: https://www2.ed.gov/programs/aanapi/index.html.

The Strengthening Historically Black Colleges and Universities Division offers several grant programs meant to support undergraduate and graduate education at Historically Black Colleges and Universities (HBCUs) and Predominately Black Institutions (PBIs). An overview of some programs offered by this division is below.

- **Strengthening Historically Black Colleges and Universities (HBCUs) Program** – Authorized by Title III, Part B, this program provides institutional support to HBCUs to expand their academic, fiscal, and administrative capabilities. The fiscal year (FY) 2020 deadline for awards was **July 30, 2020**. This is an annual competition, and we expect FY 2021 awards to follow a similar timeline.
  Source: https://www2.ed.gov/programs/iduestitle3b/index.html.

- **Predominantly Black Institutions (PBI) Competitive Grant Program**- Authorized by Title III, Part F, this program supports programs at PBIs to strengthen programs focused on the following areas: STEM, health, internationalization/globalization, teacher preparation, and improving educational outcomes for African American males. This program has not been competed since FY 2015. PBIs can also receive formula grants from ED to be used to improve their capacity to serve middle and low-income students.
  Source: https://www2.ed.gov/programs/pbi/index.html.

A full list of funding offered through the Strengthening Historically Black Colleges and Universities Division is available at *https://www2.ed.gov/about/offices/list/ope/idues/index.html*.

ED's Higher Education Programs office provides grant funding for predominantly minority enrollment institutions.

- o **Minority Science and Engineering Improvement Program (MSEIP) –** This program supports institutions with over 50 percent minority student enrollment with grants of up to three years to increase underrepresented minorities (particularly minority women) in science and engineering programs. The fiscal year (FY) 2019 competition closed on **July 19th, 2019** and there was not an FY 2020 competition. *Source: https://www2.ed.gov/programs/iduesmsi/index.html.*

The **Institute of Education Sciences (IES)** at ED has previously instituted special programs to support MSIs and diverse student and faculty development. HSIs should consider applying to any of the relevant education and special education research funding opportunities available at https://ies.ed.gov/funding/.

- o **Research Training Programs in the Education Sciences Program** – This initiative encourages applications from minority-serving institutions and other institutions partnered with MSIs to support innovative approaches for training and mentoring of students and researchers from diverse backgrounds for success in education research careers. The fiscal year (FY) 2021 application period closed on **August 20th, 2020.** The fiscal year (FY) 2022 competition dates have not been released but are expected to closely align with FY 20121 dates. *Source: https://ies.ed.gov/funding/ncer_rfas/training.asp.*

National Science Foundation (NSF)

Along with advancing the frontiers of research into the future and securing global leadership, ensuring accessibility and inclusivity is one of the three pillars of NSF Director, Dr. Sethuraman Panchanathan's (Panch), vision for NSF. NSF and its governing body, the National Science Board (NSB), are convening a number of discussions and workshops to examine NSF programs, policies and procedures to increase the agency's activities around broadening participation and the diversity of the NSF research and education community. Many NSF solicitations, particularly center-level competitions encourage participation from MSIs.

- o *(NEW)* **Computer and Information Science and Engineering Minority-Serving Institutions Research Expansion Program (CISE-MSI Program)** – This program aims to increase engagement from MSIs in CISE-funded research projects. Through the CISE-MSI program, NSF will support 10-16 awards across the categories below:
  - Thread 1: **Research Capacity Building Planning Projects (RCBPP)** – Includes: Enhancement and Development (RCBP-ED) – Track 1A; and Research-Focused Projects (RCBP-RF) – Track 1B. NSF will support up to 10 awards, up to $300,000 for two-years.
  - Thread 2: **Demonstration Projects (DP)** – NSF will support up to four awards, up to $500,000 for three-years.
  - Thread 3: **Research Partnerships Enhancement Projects (RPEP)** – NSF will support one to two awards up to $1.2 million for up to four-years.

  Proposals are due: April 15, 2021 (and annually thereafter); NOTE: For this program MSIs include HBCUs, HSIs, and TCUs as defined by the U.S. Department of Education and the National Academies of Sciences, Engineering and Medicine. *Additional Information:* The CISE-MSI program page is available at

. The CISE-MSI program solicitation is available at .

- o *(NEW)* **Build and Broaden 2.0 (B2 2.0)** – This program aims to increase proposal submissions, advance research collaborations and networks involving MSI scholars, and support research activities in the Social, Behavioral, and Economic sciences at MSIs. Proposals are due **March 5, 2021.** *Additional information is at https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505864*

- o **Improving Undergraduate STEM Education: Hispanic-Serving Institutions (HSI Program)** – This program focuses on increasing participation, retention, and graduation rates of underrepresented minorities in STEM fields. There are three tracks available to applicants: Track 1: Planning or Pilot Projects (PPP) and Track 2: Implementation and Evaluation Projects (IEP) with a deadline of **January 13, 2021** and **August 25, 2021** (and annually in August thereafter); and Track 3: Institutional Transformation Projects (ITP) with a deadline of **February 10, 2021** (and annually thereafter). NSF has $11 million funding available for the HSI program in FY 2021 that will be distributed as follows: 15-25 PPP awards at $200,000 to $300,000 for two-years; up to 10 IEP awards at $500,000 to $800,000 for three- to five-year projects; and 1-2 ITPs up to $3 million over five-years. *Source: https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505512.*

- o **Historically Black Colleges and Universities Undergraduate Program (HBCU-UP)** – This program aims to enhance the quality of undergraduate STEM education and research at HBCUs to broaden participation in the STEM workforce. Support is available through a number of tracks including: Targeted Infusion Projects (TIP); Broadening Participation Research (BPR) in STEM Education projects; Research Initiation Awards (RIA); Implementation Projects (IMP); Achieving Competitive Excellence (ACE) Implementation Projects; Broadening Participation Research Centers (BPRC); and Other Funding Opportunities include EArly-Concept Grants for Exploratory Research (EAGER), Rapid Response Research (RAPID), conference, and planning grants. Deadlines are in July and September for Letters of Intent and **November 11, 2021** (and annually thereafter) for full proposals. *More information is at https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5481.*

- o **Alliances for Graduate Education and the Professoriate (AGEP)** – AGEP aims to increase the number of underrepresented faculty in specific STEM disciplines by advancing knowledge about career success pathways. The program supports development and implementation of innovative models of doctoral education, postdoctoral training, and faculty advancement. Strategic collaborations are encouraged as part of the program with multiple academic partners as well as with outside groups. MSIs are encouraged to lead AGEP projects. Proposals are due annually on the second Friday in December. *Source: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5474.*

- o **Centers of Research Excellence in Science and Technology (CREST) and HBCU Research Infrastructure for Science and Engineering (RISE) –** CREST provides support to enhance the research capabilities of MSIs through the establishment of centers that integrate education and research. The HBCU-RISE program supports the expansion of institutional research capacity and the production of doctoral students at HBCUs, especially those from groups underrepresented in STEM. CREST and HBCU-RISE support a range of project types. Letters of intent are due annually in December with full proposals due in February for HBCU-RISE and December for CREST. *Source: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=6668*

- o **Tribal Colleges and Universities Program (TCUP)** – TCUP supports Tribal Colleges and Universities, Alaska Native-serving institutions, and Native Hawaiian-serving institutions to promote high quality STEM education, research, and outreach. TCUP supports a range of project types with annual deadlines in June, September, and December. *Source: https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5483*

- o **Partnerships for Research and Education in Materials (PREM)** – PREM supports partnerships between minority-serving institutions and centers or facilities supported by the Division of Materials Research (DMR). This program is held every three years with the next deadline being February 5, 2021. *Source: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5439*

Additional programs of interest that focus on broadening participation but are not targeted specifically to MSIs are below. Note that not all have active solicitations currently open.

- o ***(New) Mid-Career Advancement (MCA):*** Supports "protected time" to mid-career researchers at the Associate Professor rank (or equivalent) to substantively advance their research. Women, under-represented minorities, and people with disabilities are encouraged to submit proposals. Proposals due **February 1, 2021.** More at *https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505749*
- o ***Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES):*** NOTE: the deadline for LOIs has passed. More at *https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505289*
- o ***Louis Stokes Alliances for Minority Participation (LSAMP):*** LSAMP supports a range of program types with deadlines in **June, November and December 2021.** LSAMP aims to increase graduation rates amongst underrepresented minority groups. More at *http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13646*
- o ***NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM):*** Aims to support success of low-income academically talented students with demonstrated financial need who are pursuing associate, baccalaureate, or graduate degrees in STEM. Program currently accepting proposals. Full proposal deadline is **March 31, 2021.** More at *http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5257*
- o ***Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP):*** Aims to "increase the number of students (U.S. citizens or permanent residents) receiving associate or baccalaureate degrees in established or emerging fields within STEM." Program is not currently accepting proposals. More at *http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5488*
- o ***Improving Undergraduate STEM Education: Pathways into Geoscience (IUSE:GEOPAths):*** Aims to improve the "quality and effectiveness of undergraduate education." Program currently accepting proposals. Full proposal deadline is **January 26, 2021.** More at *http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505169*.
- o ***IUSE/Professional formation of Engineers: Revolutionizing engineering and computer science Departments (RED):*** RED aims to design "revolutionary new approaches to engineering and computer science education, ranging from changing the canon of engineering to fundamentally altering the way courses are structured to creating new departmental structures and educational collaborations with industry." Not currently accepting proposals. More at *http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505105*
- o ***Improving Undergraduate STEM Education: Education and Human Resources (IUSE: EHR):*** IUSE: HER "seeks to promote novel, creative, and transformative approaches to generating and using new knowledge about STEM teaching and learning to improve STEM education for undergraduate students." Program is currently accepting proposals. Deadlines for the various program tracks are in February,

August, and December (all annual). More at
https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505082

o **GEO Opportunities for Leadership in Diversity (GOLD):** Aims to support Ideas Lab to develop projects focused on broadening diversity in geosciences NOTE: the solicitation is no longer open, but NSF released the following in March 2020: Dear Colleague Letter: Geoscience Opportunities for Leadership in Diversity - Expanding the Network (GOLD-EN): *https://www.nsf.gov/pubs/2020/nsf20058/nsf20058.jsp*. Proposals were due in June 2020.

National Endowment for the Humanities (NEH)

o **Humanities Initiatives at Hispanic-Serving Institutions/Historically Black Colleges and Universities/Tribal Colleges and Universities** – These annual grants fund humanities education through content and curriculum improvement or creation of new programs or resources at HSIs/HBCUs/TCUs. Projects should focus on a core theme or topic area in the humanities. Of the last five years, the Humanities Initiatives at HSIs program has funded 16 percent of applicants annually. The Humanities Initiatives at HBCUs program has funded 15 percent of applicants and the Humanities Initiatives at Tribal Colleges has funded 27 percent of applicants annually. Applications for this year's competitions are due on **May 20, 2021.**

  Sources:
  - Humanities Initiatives at Hispanic Colleges and Universities - *https://www.neh.gov/grants/education/humanities-initiatives-hispanic-serving-institutions*
  - Humanities Initiatives at Historically Black Colleges and Universities - *https://www.neh.gov/grants/education/humanities-initiatives-historically-black-colleges-and-universities*
  - Humanities Initiatives at Tribal Colleges and Universities - *https://www.neh.gov/grants/education/humanities-initiatives-tribal-colleges-and-universities*

o **Awards for Faculty at Hispanic-Serving Institutions/Historically Black Colleges and Universities/Tribal Colleges and Universities** – These awards support individual faculty and staff members employed or retired from HSIs/HBCUs/TCUs who are pursuing research of interest to the humanities. The model is intentionally flexible; applicants can determine the type of research and the audience. Previous projects have included written articles, translations, monographs, and digital materials, among others. Of the last five years, the program averaged 130 applications per year, of which thirteen (10 percent) were funded. The next application deadline is **April 14, 2021**.
  Sources:
  - Awards for Faculty at Hispanic Colleges and Universities - *https://www.neh.gov/grants/research/awards-faculty-hispanic-serving-institutions*
  - Awards for Faculty at Historically Black Colleges and Universities - *https://www.neh.gov/grants/research/awards-faculty-historically-black-colleges-and-universities*
  - Awards for Faculty at Tribal Colleges and Universities - *https://www.neh.gov/grants/research/awards-faculty-tribal-colleges-and-universities*

United States Department of Agriculture (USDA)

MSIs are eligible to apply for competitive grant programs at USDA. About five percent of the applications submitted to the Agriculture and Food Research Initiative (AFRI), USDA's premier competitive research program,

comes from MSIs. In addition, there are specific programs designated for 1890 and 1994 institutions, insular areas, and Alaska and Hawaii programs.

One program that is more open is USDA's Hispanic-Serving Institutions National Program. This program aims to foster partnerships between USDA and HSIs "to provide equitable access to employment, educational and institutional development opportunities." Specifically, the program offers a variety of internship opportunities, engages in outreach to HSIs, and provides scholarships and fellowships. *Source: https://www.usda.gov/partnerships.*

Other opportunities include:

o **USDA E. Kika De La Garza Fellowship Program** – Garza fellowships allow faculty and staff from HSIs to come to USDA headquarters in Washington, D.C. for two to four weeks. Fellows learn more about the federal agencies at the national level and "address the spectrum of challenges faced in the development of a well-prepared Hispanic workforce."
Source: https://www.usda.gov/sites/default/files/documents/2020-e-kika-de-la-garza-fellowship-application.pdf

o **Hispanic-serving Agricultural Colleges and Universities (HSACU)** – HSACU status was established by USDA. Eligible institutions are defined as HSIs offering bachelors, associates, and other degrees in agriculture-related fields. However, an 1862 land-grant institution cannot qualify as a HSACU. The status offers an endowment fund, equity grants, institutional capacity-building grants, applied research grants, and extension grants.
Source: https://nifa.usda.gov/hispanic-serving-agricultural-colleges-and-universities-hsacu

o **Hispanic Serving Institutions Education Grants Program** – This is a competitive grants program to enhance HSIs' ability to provide food and agricultural sciences education. The closing date for the next cycle is January 28, 2021.
Source: https://nifa.usda.gov/funding-opportunity/hispanic-serving-institutions-education-grants-program-hsi

o **Higher Education Challenge Grants Program (NIFA)** – This program provides funding to strengthen colleges' and universities' ability to produce (undergraduate and graduate) students capable of working in the nation's food and agricultural workforce. The closing date for the next RFA is March 18, 2021.
Source: https://nifa.usda.gov/funding-opportunity/higher-education-challenge-hec-grants-program

Department of Defense (DOD)

o **Department of Defense Research and Education Program for Historically Black Colleges and Minority-Serving Institutions (HBCU/MSI)** – The purpose of the Education Program is to increase research and engineering capacity related to national defense and the number of minority graduates from STEM fields. Successful applications will connect to DOD priorities and current research activities including, but not limited to artificial intelligence, cyber, biotechnology, quantum, materials science, or Fully Networked Command, Control and Communications (FNC3). Applications are accepted on a rolling basis with a current closing deadline of **April 30th, 2024.**
Source: https://www.grants.gov/web/grants/view-opportunity.html?oppId=316548
   • In FY 2021 this program supported the Research and Education Program for Historically Black Colleges and Universities and Minority-Serving Institutions Equipment/Instrumentation funding

announcement. The funding announcement supported the acquisition of equipment/instrumentation to augment existing capabilities or to develop new capabilities in research areas of interest to DoD, and to attract students to pursue studies leading to STEM careers.

o **Office of Naval Research (ONR) HBCU/MI Faculty Start-up Program in Materials –** The Start-up Program in Materials aims to support minority institutions in efforts to provide start-up funding for new, untenured faculty, who are teaching and researching in a materials science/engineering of importance to the DOD. Funding cannot replace a startup package, but it can be used to enhance a startup package, including use of funding for equipment, supplies, and lab support. The proposal submission window opens on **January 1st, 2021** and closes on **May 1, 2021.**
Source: https://www.onr.navy.mil/en/Science-Technology/Departments/Code-33/All-Programs/332-naval-materials/hbcu-faculty-start-up-materials

o **Naval Research Laboratory (NRL) HBCU/MI Undergraduate Internship Program –** This NRL HBCU/MI Internship program supports undergraduates at minority serving institutions through a paid summer internship at the NRL in Washington, DC. Preference is given to students pursuing science, technology, engineering, and mathematics (STEM) careers. The Normal Application Deadline will be **February 22, 2021.**
Source: https://www.nrl.navy.mil/hbcu/welcome

o **Technical Assistance Workshops:** The DOD periodically hosts technical assistance workshops for Minority Serving Institutions to share information about Department funding opportunities and tips for award winning proposals.

Department of Homeland Security (DHS)

o **DHS Summer Research Team Program for MSIs** – DHS's Science and Technology Directorate Office of University Programs sponsors this program to bring faculty and students from MSIs to conduct research at DHS Centers of Excellence (Centers). Research must relate to homeland security science, mathematics, and engineering priorities. Topics could include explosives detection, infrastructure protection, border security, chemical and biological disease threats, cybersecurity, first responders, etc.
Source: https://orise.orau.gov/dhseducation/

o **Centers of Excellence** – The Centers of Excellence program, DHS' flagship program for universities, brings together several institutions to develop research solutions for multi-faceted DHS priorities. Competitions are infrequent but encourage applicants to form partnerships with MSIs on research and education programs. When a new competition is announced, MSIs are encouraged to seek partnerships with interested consortia. *Source: https://www.dhs.gov/science-and-technology/centers-excellence*

o **DHS Scientific Leadership Award Program:** This program supports the development of homeland security science and engineering teaching initiatives, curriculum development, and scholarships at MSIs. According to DHS, "these awards support the development of enduring educational and research capabilities within the MSI communities, which include Historically Black Colleges and Universities, Hispanic Serving Institutions and Tribal Colleges and Universities. Each Scientific Leadership Award recipient is required to partner with a COE." *Sources: https://www.dhs.gov/science-and-technology/minority-serving-institutions-program; https://www.grants.gov/web/grants/view-opportunity.html?oppId=328621*

National Institutes of Health (NIH)

The NIH only has one program explicitly focused on MSIs (see below), however, there are additional programs that focus on supporting the development of a diverse biomedical research workforce.

- o **National Institute of Minority Health and Health Disparities (NIMHD) Research Centers in Minority-Serving Institutions (RCMI)** – NIMHD's Research Centers in Minority Serving Institutions (RCMI) program seeks to expand the research infrastructure and capabilities at doctorate-awarding institutions serving a significant percentage of minority groups underrepresented in biomedical science. The program includes grants (eligibility varies) in health sciences and/or health professions.
  Source: https://nimhd.nih.gov/programs/extramural/research-centers/rcmi/index.html
  - • **RCMI Specialized Centers** — The goal of this program is to provide support through a cooperative agreement to institutions that offer doctoral degrees in the health professions or in health-related sciences and have a historical and current commitment to educating underrepresented students. The purpose of RCMI Centers is to enhance institutional research capacity and to support research that advances minority health and eliminates health disparities. The current solicitation is closed another a future solicitation will be based on appropriated funds.
    Source: https://grants.nih.gov/grants/guide/rfa-files/RFA-MD-20-006.html

- o **Faculty Institutional Recruitment for Sustainable Transformation (FIRST) Cohort Program (Common Fund Program)** – This program is designed to support institutions in developing and implementing faculty cohort models that will advance the hiring of diverse groups of research faculty. This funding opportunity is a direct product of NIH's efforts to support diversity and inclusion in the biomedical research workforce. The application due date is **March 1, 2021**.
  Source: https://commonfund.nih.gov/FIRST and https://grants.nih.gov/grants/guide/rfa-files/RFA-RM-20-022.html

- o **Individual Predoctoral National Research Service Award (NRSA) F31 Diversity Fellowships (NIH wide)** – This individual predoctoral fellowship provides funding to promote diversity in health-related research by supporting the research training of predoctoral students from diverse backgrounds (see Notice of NIH's Interest in Diversity). This funding opportunity follows standard due dates for fellowship grants at NIH. The next due date is **April 8, 2021**.
  Source: https://grants.nih.gov/grants/guide/pa-files/PA-21-052.html

- o **Maximizing Opportunities for Scientific and Academic Independent Careers (MOSAIC) Postdoctoral Career Transition Award to Promote Diversity (K99/R00)** – The MOSAIC program is a part of NIH's efforts to improve diversity within the biomedical research workforce through supporting the transition of postdoctoral researchers from diverse backgrounds (see Notice of NIH's Interest in Diversity) to independent research positions at research-intensive institutions. Applicants must have no more than 4 years of postdoctoral research experience at the time of application. This funding opportunity follows standard due dates for research career development grants at NIH. The next due date is **February 12, 2021.**
  Source: https://grants.nih.gov/grants/guide/pa-files/par-19-343.html

- o **Research Supplements to Promote Diversity in Health-Related Research (NIH-wide Administrative Supplement)** — This program provides funding to improve the diversity of the research workforce by

recruiting and supporting students, postdoctoral fellows, and other eligible investigators from groups that have been shown to be underrepresented in health-related research. This supplement opportunity is available only to investigators already holding an NIH grant. Applications are typically accepted on a rolling basis and dependent upon Institute/Center.
Source: https://grants.nih.gov/grants/guide/pa-files/PA-21-071.html

- o **National Institute of General Medical Sciences (NIGMS) – Baccalaureate Programs**
  - **Post-Baccalaureate Research Education Program (PREP)**— This program supports institutions who promote minorities with baccalaureate degrees to pursue a research doctorate in the biomedical sciences. The award provides institutional support to provide extensive research training through 1-to-2-year apprenticeships. Ultimately, the PREP Awards should help to diversify research-intensive institutions' doctorate programs. The next application due date is **January 27, 2021**.
    Source: https://grants.nih.gov/grants/guide/pa-files/PAR-20-066.html
  - **National Institute of General Medical Sciences (NIGMS) Maximizing Access to Research Careers (MARC) (T34)** — The objective of this program is to develop a diverse pool of undergraduates who then complete doctoral degrees in the biomedical sciences. The program is limited to proposals from research-intensive institutions (i.e. those institutions with an average of $7.5 million or more in total costs over the last three fiscal years.) Applications are due on **May 21, 2021**.
    Source: https://grants.nih.gov/grants/guide/pa-files/PAR-19-219.html
  - **Undergraduate Research Training Initiative for Student Enhancement (U-RISE) (T34)** – The objective of this program is to develop a diverse pool of undergraduates who then complete doctoral degrees in the biomedical sciences. The program is limited to proposals from research-active institutions (i.e. those institutions with an average of $7.5 million or less in total costs over the last three fiscal years.) Applications are due on **May 21, 2021**.
    Source: https://grants.nih.gov/grants/guide/pa-files/PAR-19-218.html

- o **National Institute of General Medical Sciences (NIGMS) – Predoctoral Programs**
  - **Initiative for Maximizing Student Development (ISMD) (T32)** – The objective of this program is to develop a diverse group of scientists earning a Ph.D. to transition into the biomedical research workforce. The program is limited to proposals from research-intensive institutions (i.e. those institutions with an average of $7.5 million or more in total costs over the last three fiscal years.) The next application due date is **February 26th, 2021**.
    Source: https://grants.nih.gov/grants/guide/pa-files/PAR-21-025.html
  - **Graduate Research Training Initiative for Student Enhancement (G-RISE) (T32)** – The objective of this program is to develop a diverse group of scientists earning a Ph.D. to transition into the biomedical research workforce. The program is limited to proposals from research-active institutions (i.e. those institutions with an average of $7.5 million or less in total costs over the last three fiscal years.) The next application due date is **February 26th, 2021**.
    Source: https://grants.nih.gov/grants/guide/pa-files/PAR-21-026.html

- o **National Institute of Biomedical Imaging and Bioengineering (NIBIB) Enhancing Science, Technology, Engineering, and Math Educational Diversity (ESTEEMED) Research Education Experiences (R25)** — The ESTEEMED program aims to "support educational activities that enhance the diversity of the biomedical, behavioral and clinical research workforce." This program supports education activities that focus on research experiences and mentoring activities for underrepresented undergraduate freshmen and

sophomores in STEM fields related to bioengineering. The next application due date is **June 24th, 2021.**
This program is open to Institutions of Higher Education; MSIs are encouraged.
Source: https://grants.nih.gov/grants/guide/pa-files/PAR-20-223.html

o   Additional diversity related funding opportunities can be found on the NIH Diversity in Extramural
Programs website at *https://extramural-diversity.nih.gov/guidedata/data.*

Department of Health and Human Services (HHS)

Although HHS has few programs specifically targeted towards MSIs, there are many grant opportunities within
the HHS Office of Minority Health (OMH), the Health Resources and Services Administration (HRSA), the
Substance Abuse and Mental Health Services Administration (SAMHSA), and other HHS agencies focused on
improving minority health outcomes, increasing diversity of the healthcare workforce, and otherwise supporting
underrepresented and underserved minorities in healthcare settings.

o   **Minority Research Grant Program –** The Centers for Medicare and Medicaid Services and the Office of
Minority Health are seeking applications for funds to test solutions that achieve health equity. This
grant is only available to minority serving institutions. The program was run in FY 2020 and two grants
were awarded.
Source: https://www.cms.gov/About-CMS/Agency-Information/OMH/equity-initiatives/advancing-health-equity/minority-research-grant-program

Department of Energy (DOE)

o   **NNSA Minority Serving Institution Partnership Program –** DOE's National Nuclear Security
Administration provides grants to students of minority serving institutions in STEM disciplines relevant
to nuclear security, nonproliferation, and other emerging science and technology fields of importance to
DOE national security missions. NNSA funds minority serving institutions through consortium-based
teams which have access to expertise and capabilities at the NNSA labs and sites. In FY 2021, Congress
appropriated $35 million for this program. The next competition is expected in December 2021.
Source: https://www.energy.gov/nnsa/nnsa-minority-serving-institution-partnership-program.

o   **Minority Educational Institution Student Partnership Program**—This summer internship program is
focused on providing students interested in STEM fields opportunities to work with a mentor from one
of the 17 DOE national laboratories, site offices, or DOE Headquarters on scientific research or a focus
on policy, business, and government relations. The internship provides financial support, including
lodging, round trip airfare, and student stipends. Students gain professional and technical career
experience while working side-by-side with an assigned mentor who is a subject matter expert at DOE or
the national laboratories. DOE usually releases a request for proposals in January and they are typically
due in April.
Source: https://www.doemeispp.org/about

o   **Technical Assistance Workshops:** Upon request, DOE will schedule technical assistance workshops at
MSIs to share information about DOE funding opportunities, tips for award winning proposals, and
introduce faculty to DOE program managers. In FY 2020, Congress provided $600,000 to DOE to support
these outreach activities. For additional information, call the Office of Economic Impact and Diversity at
202-586-8383.

Department of Transportation (DOT)

- o **Federal Aviation Administration: Minority-Serving Institution Intern Program** – This program provides students from MSIs internship opportunities throughout the year in fields including air traffic control, computer science, aviation management, business administration, engineering, and information technology (IT). Students are compensated for travel and given a weekly stipend, as well as academic credit. Only students who are juniors or above are eligible to apply and a 3.0 GPA is required. Internships are offered in Spring, Summer, and Fall, so application deadlines are determined based on the semester being applied for.
  Source: https://www.faa.gov/jobs/students/internships/minority/

- o **Federal Highway Administration: Summer Transportation Internship Program for Diverse Groups** –This internship offers currently enrolled college and university students a ten-week paid internship at the Department of Transportation headquarters and in field offices across the country. This internship program is open to all students who are juniors or above, and those with a 3.0 GPA will be given priority. The program is focused on providing opportunities to traditionally underrepresented groups in the transportation sector, such as women and persons with disabilities. Applications for the next internship cycle are due January 31, 2021.
  Source: https://www.fhwa.dot.gov/careers/stipdg.cfm

National Aeronautics and Space Administration (NASA)

- o **Minority University Research and Education Programs Small Projects** – This is a competitive grant program that funds STEM projects at minority-serving institutions by creating "innovative approaches to using NASA-themed content to support higher education teaching and learning." The target population is students enrolled in a STEM major at a college or university. Awards are provided on a one-year basis but can be renewed for two additional years depending on the program's success in meeting objectives.
  Source: https://www.nasa.gov/stem/murep/home/index.html

Department of Commerce (DOC)

- o **Minority-Serving Institutions Program** – The agency's Office of Civil Rights operates the program, which works to ensure equal access to all DOC opportunities, contracts and grants, and supports partnerships with MSIs.
  Source: https://www.commerce.gov/cr/programs-and-services/minority-serving-institutions-msi-program#:~:text=The%20Minority%20Servicing%20Institutions%20(MSIs,contracts%2C%20cooperative%20agreements%20and%20programs

Department of Interior (DOI)

- o **Minority-Serving Institutions Program** – The agency's Office of Civil Rights operates the program, which looks to support mutually beneficial partnerships between DOI and students and faculty at MSIs. DOI engages in this program through "in-kind services, volunteerism, diverse hiring, grants and contacts." DOI is particularly interested in recruiting potential employees and partners from MSIs. DOI also has a series of MOUs with the Hispanic Association of Colleges and Universities (HACU) and other minority serving societies and organizations. Additionally, within DOI, the Office of Surface Mining Reclamation and Enforcement (OSMRE) has a Minority Higher Education Program (MHEP) to support partnerships with MSIs that have degree programs related to the OSMRE mission. The Fish and Wildlife Service also

partners with MSIs. *Sources: https://www.doi.gov/pmb/eeo/doi-minority-serving-institutions-program and https://www.osmre.gov/about/eeo.shtm*