

Grant Opportunities July 2016

In an effort to better inform faculty and staff about grant opportunities, this report will be updated monthly providing a high-level glimpse at funding possibilities for which projects could be developed that are consistent with BCTC's strategic plan and annual priorities.

Federal Grants

Title: [Improving Undergraduate STEM Education: Pathways into Geoscience](#)

Sponsor: National Science Foundation

Due Date: Letter of Intent due August 16, 2016; Full Proposal due October 11, 2016

Maximum Funding Amount and Duration: \$300K to \$500K over 3 years

Special Notes: Depending on the funding track, a four-year institution may need to be the lead applicant in pursuing this opportunity.

Description: The Improving Undergraduate STEM Education: Pathways into Geoscience program seeks to increase the number of undergraduates pursuing geoscience degrees. Projects are expected to improve engagement and retention of students (especially those from traditionally underrepresented groups or non-geoscience degree programs) through evidence-based strategies that expose them to authentic, career-relevant experiences. There are two funding tracks with these projects:

1. Projects that provide individual undergraduates with experience that develop their expertise in geoscience, enhance their professional skills, increase their access to professional networks, and demonstrably deepen their interest in geoscience career pathways. These projects should offer cohort-based extra- or co-curricular experience that complement an existing Bachelor's degree curriculum. A four-year college must be the lead applicant for this program track.
2. Projects that establish or strengthen collaborations that provide sustainable pathways and support mechanisms for facilitating transitions at critical junctions: between high school and undergraduate geoscience programs; between two-year institutions and four-year geoscience degree programs; between baccalaureate degrees in geoscience and the geoscience workforce; or between baccalaureate degrees in any field and post-baccalaureate geoscience programs.

Title: [Research Experiences for Undergraduates \(REU\)](#)

Sponsor: National Science Foundation

Due Date: August 24, 2016

Maximum Funding Amount and Duration: \$120K/year over 3 years

Special Notes: A significant fraction of student participants at an REU Site must come from outside the host institution or organization, and at least half of the student participants must be recruited from academic institutions where research opportunities in STEM are limited (including two-year colleges).

Description: The Research Experiences for Undergraduates program supports active undergraduate student participation in any of the research areas funded by NSF. Under this competition, applicants propose to establish specific site-based research projects. After projects are awarded, students from a nationwide audience apply to participate in them. While these are research-oriented grants that have traditionally been awarded to serve junior- or senior-level participants, the program also encourages student involvement at earlier stages of their college experience to more effectively attract them to science and engineering fields. Participating students must be enrolled in an associate or baccalaureate degree program. Students may be part- or full-time.

Title: [America's Promise Job Driven Grant Program](#)

Sponsor: Department of Labor

Due Date: August 25, 2016

Maximum Funding Amount and Duration: \$1M to \$6M over 4 years

Special Notes: Applicants must secure leveraged resources in an amount equal to at least 25% of the total requested funds. All applicants must be part of a regional partnership (details below).

Description: The America's Promise Job Driven Grant Program supports projects that provide unemployed, underemployed, and incumbent workers with tuition-free training and support services along a sector-based career pathway within a specific H-1B industry; support the development and expansion of regional workforce partnerships; and increase employer engagement in sector strategies. Proposed projects must support individuals seeking middle- to high-skilled employment in H-1B industries and occupations.

- The lead applicant must be one of the following types of entities:
 - The workforce investment system;
 - Education and training provider, including community and technical colleges and systems; or
 - Business-related nonprofit organization, an organization functioning as a workforce intermediary for the express purpose of serving the needs of an industry, or a regional or industry association.
- All applicants must be Regional Workforce Partnerships which include the following:
 - Employer and industry representatives that align with the partnership's regional sector strategies;
 - Workforce investment system representing the regional service area;
 - Economic development agencies representing the regional service area; and
 - Education and training providers representing the regional service area, including community and technical colleges or systems, joint labor-management training partnerships, and nonprofit and community-based organizations that offer job training. DOL is especially interested in partnerships that include more than one training provider.
- Applicants are required to partner with employers representing each industry sector and service area targeted through the sector strategy. These may be five or more independent employers, a consortium of at least five employers, or a regional industry association with at least five employers.

Title: [Occupational Safety and Health Training Project Grants](#)

Sponsor: Department of Health and Human Services

Due Date: Letter of Intent Due August 26, 2016; Full Proposal Due October 26, 2016

Maximum Funding Amount and Duration: \$50K/year for 3 years for new applicants in the undergraduate program track.

Special Notes: This program is available annually through 2019.

Description: The National Institute for Occupational Safety and Health (NIOSH), Centers for Disease Control and Prevention, invites grant applications for Training Project Grants (TPGs) that are focused on occupational safety and health training. NIOSH is mandated to provide an adequate supply of qualified personnel to carry out the purposes of the Occupational Safety and Health Act, and the TPGs are one of the principal means for meeting this mandate. The majority of TPGs are in academic institutions that provide high-quality training in the core occupational safety and health disciplines of industrial hygiene, occupational health nursing, occupational medicine residency, occupational safety, as well as closely related allied disciplines. NIOSH also funds non-academic programs to meet specific training needs of targeted populations including firefighters, commercial fishermen, and occupational health and safety interns.

Title: [Robert Noyce Teacher Scholarship Program](#)

Sponsor: National Science Foundation

Due Date: September 6, 2016

Maximum Funding Amount and Duration: Ranges from \$75K to \$3M over 1-6 years depending on program track and number of cohorts.

Description: The Robert Noyce Teacher Scholarship Program seeks to encourage STEM majors and professionals to become K-12 STEM teachers. NSF particularly encourages partnerships between two- and four-year institutions. This program contains multiple funding tracks, including:

- Robert Noyce Teacher Scholarships and Stipends (\$1.2M over 5 years)
- NSF Teaching Fellowships (\$3M over up to 6 years)
- NSF Master Teacher Fellowships (\$3M over up to 6 years)
- Noyce Research (\$800K over 5 years)
- Capacity Building (\$75K over 1 year)

Title: [Partnerships for Innovation: Accelerating Innovation Research – Technology Translation](#)

Sponsor: National Science Foundation

Due Date: Letter of Intent Due September 8, 2016; Full Proposal Due October 11, 2016

Maximum Funding Amount and Duration: \$200K over 18 months.

Special Notes: This grant opportunity is also available in March of 2017.

Description: The National Science Foundation (NSF) Partnerships for Innovation: Accelerating Innovation Research – Technology Translation program helps move previously NSF-funded research results toward commercialization. *The Principal Investigator or co-PI must have had an NSF award that ended within 6 years of the full proposal deadline date or be a current NSF award recipient.* The proposed project must be derived from the research results and/or discoveries from this underlying NSF award. From the RFP: “The proposed project should be into the proof-of-concept or early prototype phase with promising results and an identified potential market need or application. The proposed research should address the next stage technology/knowledge gap(s) or barrier(s) that must be solved/demonstrated as part of the path from basic research discovery to eventual successful commercialization.”

Title: [CyberCorps Scholarship for Service \(Scholarship Track\)](#)

Sponsor: National Science Foundation

Due Date: September 15, 2016

Maximum Funding Amount and Duration: \$3M to \$5M over 5 years

Special Notes: Community colleges are only eligible as sub-awardees of partnering four-year institutions. There must be a formal agreement to transfer scholarship recipients (community college sophomores) for two years of additional support to complete a bachelor's degree.

Description: The CyberCorps Scholarship for Service program provides funds to institutions of higher education for scholarships and capacity building activities to support cybersecurity education and workforce development. Additional details follow:

- Total award sizes depend upon tuition amounts and on the cost of management and development.
- Provides funds for student scholarships, in return for which recipients must agree to work in a cybersecurity-related government position after graduation for a period equal to the length of the scholarship.
- Scholarship recipients must be full-time students within three years of graduation with a bachelor's or master's degree in a formal cybersecurity program or research-based doctoral students.

- The program strongly encourages a focus on recruiting and retaining underrepresented minorities, women, first-generation/low-income students, persons with disabilities and/or veterans.

Title: [Summer Stipends](#)

Sponsor: National Endowment for the Humanities

Due Date: September 29, 2016

Maximum Funding Amount and Duration: \$6,000 for a period of two months.

Special Notes: Faculty (full-time or adjunct) or staff may apply for the award. If full-time faculty are applying, they must be nominated by the college. Proposals must be submitted through grants.gov by individuals, not the college (Director of Grants can assist with this process).

Description: Summer Stipends support individuals pursuing advanced research that is of value to humanities scholars, general audiences, or both. Recipients usually produce articles, monographs, books, digital materials, archaeological site reports, translations, editions, or other scholarly resources. Stipends support continuous full-time work on a humanities project (at any stage of development) for a period of two consecutive months.

Non-Federal Grants

Title: [Learning and Leadership Grants](#)

Sponsor: NEA Foundation

Due Date: October 15, 2016

Maximum Funding Amount and Duration: \$2,000 for individuals; \$5,000 for groups. Funds must be spent within 12 months of notification.

Special Notes: These grants are ongoing, with three submission deadlines annually.

Description: NEA Learning and Leadership Grants support public school teachers, public education support professionals, and/or **faculty and staff (excludes Administrators) in public institutions of higher education** for one of the following two purposes:

- Grants to individuals fund participation in high-quality professional development experiences, such as summer institutes, conferences, or action research.
- Grants to groups fund collegial study, including study groups, action research, lesson plan development, or mentoring experiences for faculty or staff.

All professional development must improve practice, curriculum, and student achievement. "One-shot" professional growth experiences, such as attending a national conference or engaging a professional speaker, are discouraged. Decisions regarding the content of the professional growth activities must be based upon an assessment of student work undertaken with colleagues, and must be integrated into the institutional planning process. Grant funds may be used for fees, travel expenses, books, or other materials that enable applicants to learn subject matter, instructional approaches, and skills. Grant funds may not be used to pursue degrees, pay indirect costs or salaries, or **to support travel costs of more than one person.**

If you have questions or would like more information about a grant opportunity, contact Alan Lawson at 859-246-6626 or alan.lawson@kctcs.edu.