

Grant Opportunities

September 2015

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. To avoid information overload, the report will be limited to grant opportunities that are due in the next three months. Exceptions may be made when opportunities arise that are strongly aligned with the strategic plan/annual priorities, or upon request of faculty and staff (e.g., grants geared toward STEM education or funding for a particular project/initiative, etc.).

Federal Grants

Title: [Summer Stipends](#)

Sponsor: National Endowment for the Humanities

Due Date: October 1, 2015

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.

Title: [Advanced Technological Education \(ATE\)](#)

Sponsor: National Science Foundation

Due Date: October 8, 2015

Maximum Funding Amount and Duration: \$25K to \$300K/year for up to 3 years for Project tracks; \$4M to \$5M over 4 to 5 years for ATE Center tracks; \$150K to \$800K for 2 to 3 years for Targeted Research on Technician Education tracks.

Special Notes: This grant opportunity is also available in 2016 (due October 6, 2016).

Description: ATE focuses on the education of technicians for high-technology fields such as advanced manufacturing technologies, agricultural and biotechnologies, energy and environmental technologies, engineering technologies, information technologies, micro- and nano-technologies, security technologies, and learning, evaluation and research. The program is particularly interested in projects addressing issues in rural technician education. It does not support projects that focus on students who will become health, veterinary, or medical technicians.

Title: [Improving Undergraduate STEM Education \(IUSE\): Education and Human Resources \(EHR\)](#)

Sponsor: National Science Foundation

Due Dates: November 3, 2015 (Tier I) and January 13, 2016 (Tier II)

Maximum Funding Amount and Duration: \$300K over 3 years for Tier I projects; \$600K - \$3M over 5 years for Tier II projects.

Special Notes: The Tier I grant opportunity is also available in 2016 (due November 2, 2016); Tier II opportunities are also available in 2017 (January 11, 2017).

Description: The IUSE:EHR program seeks to accelerate the quality and effectiveness of undergraduate education in all STEM fields and build the future STEM workforce. The program supports two different

project types (Engaged Student Learning Projects and Institutional and Community Transformation Projects), each with two tiers (Exploration & Design and Development & Implementation). Funding levels depend on project type and tier. Objectives of interest include:

- broadening the implementation of effective instructional practices and innovations
- creating seamless transitions between two and four year institutions
- supporting the retention of STEM students by addressing the high failure rates in introductory courses, especially mathematics
- developing and implementing effective techniques for teaching STEM skills and positioning these efforts within the context of changing workforce needs
- increasing the persistence of STEM students from all demographic groups in the first two years of college
- increasing the use of inquiry-based laboratories and research-based courses

Title: [Advancing Informal STEM Learning \(AISL\)](#)

Sponsor: National Science Foundation

Due Date: November 4, 2015

Maximum Funding Amount and Duration: \$150K to \$5M over 1 to 5 years, depending on project type.

Special Notes: This grant opportunity is also available in 2016 (due November 8, 2016).

Description: The AISL program funds projects that enhance informal STEM learning for public and professional audiences and further our knowledge of such learning. The program is especially interested in understanding issues of access for individuals/populations typically underrepresented in STEM, people in rural and urban communities, adults across the lifespan, early childhood, and intergenerational and family groups. Types of projects supported include:

- Collaborative Planning
- Research in Service to Practice
- Broad Implementation
- Informal STEM Learning Resource Center
- Exploratory Pathways
- Innovations in Development
- Conferences

Title: [Innovative Technology Experiences for Students and Teachers \(ITEST\)](#)

Sponsor: National Science Foundation

Due Date: November 13, 2015

Maximum Funding Amount and Duration: \$1.2M over 3 years.

Special Notes: This grant opportunity is also available in 2016 (due August 10, 2016).

Description: The ITEST program supports the development and implementation of innovative strategies to make PreK-12 students aware of STEM careers and motivate them to prepare for those careers. Projects involve applied research that tests new learning strategies grounded in a strong theoretical framework. Partnerships with PreK-12 schools, two- and four-year colleges, universities, informal science education institutions, government laboratories, or community-based organizations are encouraged along with business and industry partners that support, inform and cultivate student career awareness and interests.

Non-Federal Grants

Title: [Learning and Leadership Grants](#)

Sponsor: NEA Foundation

Due Date: October 15, 2015

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 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.