

## Grant Opportunities February 2017

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

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**Title:** [Scholarships in Science, Technology, Engineering, and Mathematics \(S-STEM\)](#)

**Sponsor:** National Science Foundation

**Due Date:** March 29, 2017

**Maximum Funding Amount and Duration:** \$1 Million over 5 years for the Design and Development Track (BCTC not eligible for Capacity Building Track as we have received a S-STEM grant in the past).

**Special Notes:** S-STEM disciplines include: Biological Sciences (except medicine and other clinical fields), Physical Sciences (physics, chemistry, astronomy, and materials science), Mathematical Sciences, Computer and Information Sciences, Geosciences, Engineering, and technology areas associated with Biotechnology, Chemical Technology, Engineering Technology, and Information Technology.

**Description:** The S-STEM program particularly encourages proposals from 2-year institutions and supports:

- Scholarships for academically talented, financially needy, full-time STEM students; and
- The implementation and testing of activities that support recruitment, retention, transfer, student success, academic/career pathways, and graduation in STEM.

Example activities include:

- Recruitment of students to higher education programs and careers in the S-STEM disciplines;
  - Curricular activities such as the inclusion of active learning in gateway courses;
  - Support and mentoring of students by peers and other professionals;
  - Academic support services such as tutoring, study-groups, or supplemental instruction programs;
  - Industry experiences, internship opportunities, and research opportunities;
  - Community building and support among S-STEM scholars within the institution;
  - Participation in local or regional professional, industrial, or scientific meetings and conferences; and
  - Career counseling and job placement services for S-STEM scholars.
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**Title:** [Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers \(ADVANCE\) – Institutional Transformation \(IT\) Track](#)

**Sponsor:** National Science Foundation

**Due Date:** April 12, 2017 (preliminary proposals); January 17, 2018 (full proposals)

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

**Special Notes:** The solicitation specifically mentions an interest in supporting community colleges.

**Description:** The ADVANCE program seeks to (1) develop systemic approaches to increase the representation and advancement of women in academic STEM careers; (2) develop innovative and sustainable ways to promote gender equity that involve both men and women in the STEM academic workforce; and (3) contribute to the research knowledge base on gender equity and the intersection of gender and other identities in STEM academic careers.

- The **Institutional Transformation (IT)** track supports the development of innovative strategies to produce comprehensive organizational change within a single academic institution across all STEM disciplines. All STEM faculty types should be included in the project. Projects are expected to contribute to new research on gender equity in STEM academics.
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**Title:** [Challenge America](#)

**Sponsor:** National Endowment for the Arts

**Due Date:** April 13, 2017

**Maximum Funding Amount and Duration:** \$10,000 over 2 years.

**Special Notes:** This grant requires a 1:1 match. If interested in pursuing this grant, please carefully review the unallowable costs (there are many).

**Description:** The National Endowment for the Arts (NEA) Challenge America program supports projects which extend the arts to underserved populations with limited access to the arts due to geography, ethnicity, economics, or disability. Projects must involve professionally trained, experienced artists and arts professionals. Grants are only available for guest artists, cultural tourism, and public art.

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**Title:** [Education Innovation and Research \(EIR\)](#)

**Sponsor:** Department of Education

**Due Date:** April 13, 2017

**Maximum Funding Amount and Duration:** Up to \$15M over 5 years depending on the program.

**Special Notes:** Includes a cost share component of 10% of grant funds.

**Description:** The EIR program seeks to create, develop, implement, replicate, or scale innovations to improve achievement and attainment for high-need students and rigorously evaluate such innovations. This is a new program which builds on the work of the Investing in Innovation (i3) program. These grants are regional/national in scope. In order for our college to be eligible, we must partner with one or more State Educational Agencies (SEAs) or Local Educational Agencies (LEAs) or a consortium of LEAs and SEAs. There are 3 separate programs (Early-Phase, Mid-Phase, Expansion), each with its own application through grants.gov. The link above provides access to application materials for all 3 programs.

Regardless of program, all EIR grants must meet the following requirements:

- Must serve high-need students, including:
    - Those living in poverty;
    - Those attending high-minority schools;
    - Those far below grade level;
    - Those that have left school before receiving a regular high school diploma;
    - Those at risk of not graduating with a diploma on time;
    - Those that are homeless or in foster care;
    - Those that have been incarcerated;
    - Those with disabilities; and/or
    - Those who are English learners
  - Must serve students who are in grades K-12 at some point during the funding period. Projects that serve postsecondary students must provide services or support during the secondary grades or earlier.
  - Must conduct an independent evaluation.
  - Must meet cost share requirement.
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**Title:** [AACC MentorLinks](#)

**Sponsor:** American Association of Community Colleges

**Due Date:** April 28, 2017

**Maximum Funding Amount and Duration:** \$20K over 2 years.

**Description:** The MentorLinks program is designed to support community colleges that wish to improve technician education in STEM areas and possibly apply for grant funds under the National Science Foundation's Advanced Technological Education program. Funds support a mentor relationship, travel, and professional development.

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## Non-Federal Grants

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**Title:** [Teaching/Learning Impact Grants](#)

**Sponsor:** The IDEA Center

**Due Date:** March 31, 2017

**Maximum Funding Amount and Duration:** Up to \$10K over 1 year (although the guidelines state that IDEA will work with awardees if the scope of the project extends beyond 1 year).

**Special Notes:** Limit to one application per institution.

**Description:** The IDEA program promotes new knowledge in higher education in the fields of teaching, learning, and campus climate. From the grant guidelines: "IDEA Impact Grants are designed to promote effective student learning by carefully exploring and systematically documenting the efficacy of various teaching practices, learning environments, and institutional policies." Examples of the kind of projects the program seeks to fund include:

- Classroom interventions designed to improve student learning;
  - Investigations of student and course characteristics that are related to learning;
  - Evaluation of innovative teaching methods;
  - Methods for engaging students in online courses;
  - Innovative approaches to faculty development that impact student learning;
  - Comprehensive approaches to teaching evaluation;
  - Innovative approaches to leadership development;
  - Strategies and approaches that improve student well-being.
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**Title:** [Learning and Leadership Grants](#)

**Sponsor:** NEA Foundation

**Due Date:** June 1, 2017

**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.**

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*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](mailto:alan.lawson@kctcs.edu).*