

Grant Opportunities

April 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: [Investing in Innovation Fund \(i3\) – Development Grants](#)

Sponsor: U.S. Department of Education

Due Date: Notice of Intent to Submit Pre-Applications (optional but recommended) due May 10, 2016; Pre-Applications due May 25, 2016; Full applications by invitation only (deadline TBD).

Maximum Funding Amount and Duration: \$3,000,000 over 36-60 months.

Special Notes: The grant requires a 15% match (cash or in-kind) from the private sector. The Department of Education expects to make 9-11 awards. In order for our college to be eligible, we must partner with one or more Local Educational Agencies (LEAs) or a consortium of K-12 schools.

Description: The Investing in Innovation Fund program provides grants to expand the implementation of innovative practices demonstrated to improve student achievement or student growth, close achievement gaps, decrease dropout rates, increase high school graduation rates, or increase college enrollment and completion rates. Applicants are expected to demonstrate a record of improving student achievement and attainment. Development grants:

- Support development/testing of practices supported by evidence or a strong theory whose efficacy should be systematically studied. Applicants must identify the evidence standard under which they are applying (i.e., evidence of promise or strong theory).
- Support new or substantially more effective practices to address widely shared challenges.
- Are novel and significant nationally, not projects that simply implement existing practices in additional locations or support needs that are primarily local in nature.

Absolute priorities include:

- Promoting diversity
 - Implementing internationally benchmarked college-and-career-ready standards and assessments
 - Improving school climate, behavioral supports, and correctional education
 - Influencing the development of non-cognitive factors
 - Serving rural communities
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Title: [Broadening Participation in Engineering](#)

Sponsor: National Science Foundation

Due Date: June 16, 2016 (referred to as "Target Date" in solicitation)

Maximum Funding Amount and Duration: Not specified

Special Notes: It is strongly recommended that full proposals be submitted prior to the Full Proposal Target Date to enable full consideration of the proposed project for the related fiscal year's funding.

Description: The Broadening Participation in Engineering (BPE) Program is a Directorate-wide initiative dedicated to supporting the development of a diverse and well-prepared engineering workforce. Across every educational juncture (e.g., elementary, secondary, and postsecondary levels), efforts to improve engineering interests, preparation, connections, experiences, and opportunities among underrepresented groups is of major importance to BPE. BPE is interested in funding projects that bring

together multiple groups (e.g., school districts, community colleges, engineering schools, industry, philanthropy, government, etc.) and offer the greatest return on investment by producing outcomes that are scalable, sustainable, and applicable to various contexts, settings, and demographics within the engineering enterprise.

Title: [Faculty Early Career Development Program](#)

Sponsor: National Science Foundation

Due Date: July 20, 2016 (BIO, CISE, EHR), July 21, 2016 (ENG), July 22, 2016 (GEO, MPS, SBE)

Maximum Funding Amount and Duration: Maximum funding amount is not specified. Minimum funding amount is \$400K over 5 years for most categories (\$500K over 5 years for BIO and ENG projects).

Special Notes: There are strict eligibility requirements regarding faculty status for these grants. Interested faculty should review these carefully prior to proceeding with proposal development.

Description: The Faculty Early Career Development Program (CAREER) helps junior faculty develop careers as outstanding researchers and educators who effectively integrate teaching, learning and discovery. This is a prestigious and competitive program—applicants are expected to propose plans which integrate research and education. Education activities may be directed to any level: K-12 students, undergraduates, graduate students, and/or the general public, but should be related to the proposed research. Examples include:

- Designing innovative courses or curricula
 - Supporting teacher preparation and enhancement
 - Conducting outreach and mentoring activities to enhance scientific literacy or involve students from groups that have been traditionally underrepresented in science
 - Researching students' learning and conceptual development in the discipline
 - Incorporating research activities into undergraduate courses
 - Providing mentored international research experiences for U.S. students
 - Linking education activities to industrial, international, or cross-disciplinary work
 - Implementing innovative methods for evaluation and assessment
 - Designing or adapting and implementing effective educational materials and practices
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Title: [Innovative Technology Experiences for Students and Teachers \(ITEST\)](#)

Sponsor: National Science Foundation

Due Date: August 10, 2016

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

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.

Title: [Conferences and Workshops in the Mathematical Sciences](#)

Sponsor: National Science Foundation

Due Date: Proposals accepted anytime

Maximum Funding Amount and Duration: May request any amount for up to three years.

Description: Conferences, workshops, and related events (including seasonal schools and international travel by groups) support research and training activities for the mathematical sciences community. Proposals for conferences, workshops, or conference-like activities may request funding of any amount and for durations of up to three years. Proposals under this solicitation must be submitted to the

appropriate DMS program in accordance with the lead-time requirements specified on the program web page.

Non-Federal Grants

Title: [Learning and Leadership Grants](#)

Sponsor: NEA Foundation

Due Date: June 1, 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.**

Title: [Paul P. Fidler Research Grant](#)

Sponsor: National Resource Center for the First-Year Experience and Students in Transition

Due Date: July 1, 2016

Award Details: \$5,000 cash stipend, travel to two national conferences, presentation at a national conference, and priority consideration for publication.

Description: This program seeks to support and promote research with the potential to have a national impact on student success. Topics may include but are not limited to underrepresented student populations, community colleges, the advising system, transfer and articulation, career development, and other issues related to college-student transitions.

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.