

The ORDM Digest provides information on grant opportunities for the College of Education faculty and staff. Announcements, submitted grant applications, and funded awards are also included.

**Federal Funding – National Science Foundation (NSF)**

**Directorate for Computer & Information Science & Engineering**  
*Program Solicitation 16-580*

**Title:** Secure and Trustworthy Cyberspace (SaTC)

**Purpose of Program:** In today’s increasingly networked, distributed, and asynchronous world, cybersecurity involves hardware, software, networks, data, people, and integration with the physical world. Society’s overwhelming reliance on this complex cyberspace has, however, exposed its fragility and vulnerabilities: corporations, agencies, national infrastructure and individuals have been victims of cyber-attacks. Achieving a truly secure cyberspace requires addressing both challenging scientific and engineering problems involving many components of a system, and vulnerabilities that arise from human behaviors and choices. Examining the fundamentals of security and privacy as a multidisciplinary subject can lead to fundamentally new ways to design, build and operate cyber systems, protect existing infrastructure, and motivate and educate individuals about cybersecurity.

The SaTC program welcomes proposals that address cybersecurity and privacy, and draw on expertise in one or more of these areas: computing, communication and information sciences; engineering; economics; education; mathematics; statistics; and social and behavioral sciences. Proposals that advance the field of cybersecurity and privacy within a single discipline or interdisciplinary efforts that span multiple disciplines are both encouraged.

<b>Funding Range:</b>	<b>\$300,000 for two years</b>	<b>(Cybersecurity Education)</b>
	<b>Up to \$500,000</b>	<b>(Small projects over three years)</b>
	<b>\$500,001 - \$1,200,000</b>	<b>(Medium projects up to four years)</b>
	<b>\$1,200,001 - \$3,000,000</b>	<b>(Large projects up to five years)</b>

<b>Submission Deadline:</b>	<b>October 12-19, 2016 (Medium &amp; Large Projects)</b>
	<b>November 2-16 (Small Projects)</b>
	<b>December 1-15, 2016 (Cybersecurity Education Projects)</b>

<b>Program Contact:</b>	<b>Nina Amla (Program Director)</b>
	<a href="mailto:namla@nsf.gov">namla@nsf.gov</a>
	703-292-8910

[http://www.nsf.gov/pubs/2016/nsf16580/nsf16580.htm?WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](http://www.nsf.gov/pubs/2016/nsf16580/nsf16580.htm?WT.mc_id=USNSF_25&WT.mc_ev=click)

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**Directorate for Engineering**  
*Program Solicitation 15-536*

**Title:** Research Experiences for Teachers (RET) in Engineering and Computer Science

**Purpose of Program:** The Directorate for Engineering (ENG) and the Directorate for Computer and Information Science and Engineering (CISE), have joined to support the Research Experiences for Teachers (RET) in Engineering and Computer Science program. This program supports active long-term collaborative partnerships between K-12 Science, Technology, Engineering, Computer and Information Science, and Mathematics (STEM) teachers and community college and university faculty and students to bring knowledge of engineering or computer and information science and engineering as well as technological innovation to pre-college/community college classrooms. The goal of these partnerships is to enable K-12 STEM teachers and community college faculty to translate their research experiences and new knowledge gained in university settings into their classroom activities. The university team will include faculty, graduate and undergraduate students as well as industrial advisors. Involvement of graduate students in support of academic-year classroom activities is particularly encouraged. Partnerships with inner city, rural or other high needs schools are especially encouraged, as is participation by underrepresented minorities, women, and persons with disabilities.

As part of the long-term partnership arrangements, university undergraduate/graduate students will partner with pre-college/community college faculty in their classrooms during the academic year to help teach engineering/computer science concepts.

This announcement features two mechanisms for support of in-service and pre-service K-12 STEM teachers and community college faculty: (1) RET supplements to ongoing ENG and CISE awards and (2) new RET Site awards. RET supplements may be included outside this solicitation in proposals for new or renewed NSF Directorate for Engineering (ENG) and Directorate for Computer and Information Science and Engineering (CISE) grants or as supplements to ongoing NSF ENG and CISE funded projects. RET in Engineering and Computer Science Sites, through this solicitation, are based on independent proposals from engineering or computer and/or information science departments, schools or colleges to initiate and conduct research participation projects for K-12 STEM teachers and/or community college faculty.

**Funding Range:** \$600,000 for up to three years (\$200,000 per year)

**Submission Deadline:** November 1, 2016

**Program Contact:** Mary Poats (Program Manager)  
[mipoats@nsf.gov](mailto:mipoats@nsf.gov)  
703-292-5357

<http://www.nsf.gov/pubs/2015/nsf15536/nsf15536.pdf>

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**Division of Graduate Education**  
**(Field of Study: Psychology, Social Sciences, STEM Education and Learning)**  
*Program Solicitation 16-588*

**Title:** NSF Graduate Research Fellowship Program (GRFP)

**Purpose of Program:** The purpose of the NSF Graduate Research Fellowship Program (GRFP) is to help ensure the vitality and diversity of the scientific and engineering workforce of the United States. The program recognizes and supports outstanding graduate students who are pursuing research-based master's and doctoral degrees in science, technology, engineering, and mathematics (STEM) or in STEM education. The GRFP provides three years of support for the graduate education of individuals who have demonstrated their potential for significant research achievements in STEM or STEM education. NSF especially encourages women, members of underrepresented minority groups, persons with disabilities, veterans, and undergraduate seniors to apply.

**Funding Range:** \$138,000

**Submission Deadline:** October 27, 2016

**Program Contact:** Joerg Schlatterer  
[info@nsfgrfp.org](mailto:info@nsfgrfp.org)  
866-673-4737

[http://www.nsf.gov/pubs/2016/nsf16588/nsf16588.htm?WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](http://www.nsf.gov/pubs/2016/nsf16588/nsf16588.htm?WT.mc_id=USNSF_25&WT.mc_ev=click)

**Association & Foundation Funding**



**Spencer Foundation**

**Title:** Midcareer Grant Program

**Purpose of Program:** This purpose of this program is to enrich the work of academic midcareer scholars who are seven to twenty years post doctorate. This program provides support for those who are interested in advancing their understanding of a compelling problem of education by acquiring new skills, substantive knowledge, theoretical perspectives or methodological tools.

**Funding Range:** \$150,000 for one year

**Submission Deadline(s):** September 13, 2016 @ 4:00pm CDT

<http://www.spencer.org/midcareer-grant-program>

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**Brady Foundation**

**Title:** Program Development

**Purpose of Program:** Develop and test the feasibility of new programs for promoting positive cognitive and/or achievement outcomes for children (birth through 18 years) from underserved groups and/or low-resourced communities (minority ethnic groups, low-income families).

**Funding Range:** Open

**Submission Deadline(s):** December 1, 2016

<http://www.bradyeducationfoundation.org/applicationguidelines.html>

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**Brady Foundation**

**Title:** Existing Program Evaluation

**Purpose of Program:** What works: Evaluate the effectiveness of programs designed to promote positive cognitive and/or achievement outcomes for children (birth through 18 years) from underserved groups and/or low-resourced communities (minority ethnic groups, low-income families); (2) What works for whom, under what conditions: Investigate variations in program effects; that is, test for moderation effects that inform whether program effects are strong for certain groups and/or under certain conditions than other groups or conditions; Reasons for effects: Investigate mechanisms through which effects occur, that is, test for mediation effects that inform why the program is effective; Cost-benefit analyses: Compare the total costs of the program with its estimated monetary benefits to determine the net cost or benefit associate with the program.

**Funding Range:** Open

**Submission Deadline(s):** December 1, 2016

<http://www.bradyeducationfoundation.org/applicationguidelines.html>

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### Oak Foundation

**Title:** Learning Differences

**Purpose of Program:** In the Learning Differences Program, we envision a world where students with learning differences are agents of their own learning success and are supported by educators and environments that expect, embrace and respond to diverse learner profiles. Our hope is that students with a wide range of learning profiles achieve success within public schools, from kindergarten through to high school, and transition to and through college and other post-secondary opportunities.

We support partners who:

1. Strengthen Teacher Capacity - Prepare teachers to expect and plan for all students' learning profiles, especially those with learning differences.
2. Engage Students with learning differences as key partners in their own learning and development.
3. Enhance Parent Knowledge and Support - Provide parents of students with learning differences the information, tools and guidance needed to support student academic, social and emotional success.
4. Personalize Learning Environments - Support the application of personalized learning and neuroscience research findings to strengthen educational environments for students with learning differences.
5. Build Demand - Promote awareness of, and strengthen demand for, educational environments that are responsive to students with learning differences.
6. Explore Learner Profile Tool(s) - Develop or enhance tools that support educators, parents and students in better understanding and responding to individual learner profiles.

Through these strategies, the program will continue its efforts to improve the lives of those with learning differences across the globe. Our hope is that students with a wide range of learning profiles achieve success within public schools, from kindergarten through to high school, and transition to and through college and other post-secondary opportunities.

**How to Apply:** **Step 1: Review Oak Foundation's criteria for funding**

Read Oak Foundation's criteria for funding, review previous grants in our grant database and assess whether your organization meets the general requirements of the Foundation.

**Step 2: Read Program requirements**

Each program has its own goals, geographic scope, funding restrictions and requirements for funding. Please read our program pages for details.

**Step 3: Submit a request for funding**

Organizations who are interested in seeking a grant should submit a letter of enquiry through our online form.

We will respond within three months if we require further information or if the applicant is invited to submit a formal proposal. Unfortunately, due to the volume of requests that we receive if you do not receive a reply, please assume your enquiry was not accepted.

We would be most appreciative if you do not contact the Foundation directly to discuss your request. For initial contact, please do not telephone or visit the offices. Thank you for your understanding.

Click here to complete a letter of inquiry: <http://oakfnd.org/content/8414>

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**National Education Association Foundation**

**Title:** NEA Foundation Grants

**Purpose of Program:** Provides grants to improve academic achievement of students in U.S. public schools and public higher education institutions in any subject areas. Student Achievement Grants (up to \$5,000) support initiatives to improve academic achievement. Learning and Leadership Grants support high-quality professional development--\$2,000 for individuals and \$5,000 for groups.

**Funding Range:** Up to \$50,000

**Proposal Submission Deadline:** October 15, 2016

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**Dekker Foundation**

The Dekker Foundation awards the majority of its grants to organizations that promote education and the advancement of knowledge. Because learning occurs in many different contexts, recipients can range from organizations implementing technology in education to academic programs dedicated to scientific and medical research.

Applications are considered throughout the year. Before sending a full proposal, first submit a letter of inquiry to determine if your organization’s goals meet the Foundation’s criteria for grant recipients. The letter should include: (1) Information about your organization, with confirmation that it is a tax-exempt nonprofit organization as defined under Section 501(c)(3) of the IRS Code; (2) a description of how the grant money will be used; (3) an estimated overall budget; and (4) the time period for which funds are requested. After reviewing the letter of inquiry, the Foundation may ask you to submit a formal proposal.

**Funding Range:** Open

**Submission Deadline:** Open

**Program Contact:** Dekker Foundation  
203-227-3596  
[admin@dekker.org](mailto:admin@dekker.org)

[www.dekkerfoundation.org](http://www.dekkerfoundation.org)

**Fellowship Funding**

**National Academy of Education**

**Title:** Spencer Dissertation Fellowship Program

**Purpose of Program:** Provides up to 35 non-renewable fellowships of \$27,500 to support students at U.S. graduate schools in the write-up stage of their dissertation research. Topics should center generally on education, but graduate study may be in any academic discipline. Applicants should be interested in pursuing work in the education field upon completion of their degree. This institution will not fund the development of curriculum or instructional programs.

**Funding Range:** \$27,500

**Proposal Submission Deadline:** October 6, 2016

**Program Contact:** pperin@naeducation.org

[www.naeducation.org/NAED\\_080200.htm](http://www.naeducation.org/NAED_080200.htm)

\*\*\*\*\*FUNDING INFORMATION COMPLETE\*\*\*\*\*

## ANNOUNCEMENTS



### *Submitted/Funded Awards*

**Congratulations** to all faculty who submitted grant proposals and/or received grant awards in August!



### *Sponsored Awards Expiring within 90 Days*

When you receive this notice from Grants & Contracts Administration, please contact the Office of Research Development and Management to let us know if you plan to submit a No Cost Extension. If we do not hear from you, we will request the information from you via an email.



### **Office of Proposal Development (OPD)**

OPD located on the third floor of the Cameron Building is committed to helping you get funded, whether it is by finding a funding source for your research idea or by exploring ways to make your proposal more competitive. OPD provides the following services:

*Developing Research:* They can help you develop your research ideas, plan your long-term research agenda, and learn how to leverage internal funds to attract external funds.

*Locating Funding:* OPD maintains online resources that allow faculty to search for funding sources and list their expertise. They also perform custom funding searches and monitor and distribute print and electronic notices to faculty.

*Identifying Collaborators:* They can help faculty form interdisciplinary proposal teams and help you find UNC Charlotte collaborators.

*Editing:* They offer a range of editing and formatting services and can provide a critical reading of your proposal before it leaves campus.

*Training:* OPD sponsors workshops on proposal writing and seminars featuring representatives from funding agencies. They also provide customized workshops for departments and colleges.

*Providing Resources:* OPD recognizes that large-scale proposals efforts involving interdisciplinary teams frequently need resources such as travel, consultants, and clerical or student-wage support to produce a competitive proposal, and in most cases they can provide that support.

Lesley Brown, Director – 687-1880  
Susan Robinson – 687-1869  
Joy McAuley – 687-1878



*The College of Education is “Engaged in Research.”*

**PROPOSAL SUBMISSIONS\***

Funding Agency	Principal Investigator	Possible Funding	Duration
U.S. Department of Education	Zoi Philippakos	\$1,397,144	Four Years
National Science Foundation	Gloria Campbell-Whatley	\$542,956	Three Years
Spencer Foundation	Kristen Beach	\$50,000	One Year
University of South Dakota / U.S. Department of Education	Chance Lewis	\$382,605	Four Years
NC Alliance for School Leadership Development	Claudia Flowers	\$1,896,859	Two Years

*\*Information retrieved from the University’s Niner Online Research Management (NORM) System.*

**GRANTS AWARDED\***

**No Awards Funded in August**

**DEPARTMENTAL AWARDS (August 2016)**

**No Awards Funded in August**



**FISCAL YEAR-TO-DATE AWARDS (7/1/16 – 8/31/16)**

<b>Department</b>	<b>Award Amount</b>	<b>Percentage</b>
Center for STEM Education	\$0.00	0.00%
Counseling	\$0.00	0.00%
Dean's Office (COED)	\$0.00	0.00%
Educational Leadership	\$0.00	0.00%
Middle Grades	\$7,000	2.72%
Reading and Elementary Ed	\$0.00	0.00%
Special Education	\$249,998	97.28%
<b>TOTALS</b>	<b>\$256,998</b>	<b>100.00%</b>

