NSPAA Presentation—New Orleans, LA— June 7, 2018

Our Discussion Today

- GRC Overview

- Current Federal Priorities

- Select Agency Updates
  - National Endowment for the Arts
  - National Endowment for the Humanities
  - National Institutes of Health
  - National Science Foundation
  - U.S. Department of Education

- Q&A

GRC Mission

With a pre-award focus, GRC strives to improve members' success in securing competitive grants from federal and private sponsors.

We provide funding expertise through:

- Staff Services

- Conferences and Webinars

- Publications

- GrantSearch Database

- Faculty Alert System

- Management and Funding Resources

GRC Member Snapshot

- 171 member campuses (four-year) in 40 states, D.C. and Guam

- Research administrators and the faculty members they assist

- Primarily public institutions and state systems

- Separate dues structure from AASCU dues

- Member-elected advisory board

HBCU Members

- Bowie State University
- Central State University
- Chicago State University
- Elizabeth City State University
- Fort Valley State University
- Grambling State University
- Harris-Stowe State University
- Lincoln University (Pa.)
- Mississippi Valley State University
- North Carolina Central University
- Talladega College
- University of the District of Columbia
- Virginia State University
- Winston-Salem State University

GRC Member Support Structure

- GRC staff members are assigned to campuses to deliver services and provide assistance. Each category has approximately 60 campuses:

  - **Category A (under 5,000 FTE): Richard Wellons**
  - **Category B (5,000 to 10,000 FTE): Willette Brown-Fatoyinbo/Kyle Mahaney**
  - **Category C (over 10,000 FTE): Frank Graeff**

- GRC staff members also are assigned to:
  - Multiple federal agencies and foundations
  - Complementary organizations (NCURA, FDP, etc.)

- GRC staff are expected to have a significant level of knowledge and understanding about their agency/foundation assignments as well as their assigned campuses' areas of strength and emerging interests.

Staff Services

We…

- Attend Washington, D.C.-area agency meetings and events

- Answer funding opportunity-related questions

- Perform funding opportunity searches

- Obtain funded proposals

- Assist members with scheduling agency visits

Staff Services

We also…

- Plan campus visits to provide agency overviews and conduct proposal development workshops

- Meet with faculty to help them determine funding possibilities and prepare for meetings with program officers

- Promote networking among research administrators, grant program staff and grant recipients (relationship-brokering)

Publications

What We Publish

- **GrantWeek** (Mondays) e-newsletter about program details, pending legislation and federal appropriations, proposed changes to agency rules, and member spotlights.

- **Bulletin** (Tuesdays and Fridays) synopsizes hundreds of funding alerts from Grants.gov, Federal Register and Federal Business Opportunities (FBO).

- **Deadlines** (monthly) programs with competitions closing in the next 30/60/90 days.

What We Monitor

- Grants.gov, Federal Register, FBO, listservs and funding agency websites

- Latest deadlines, program priorities and pending legislation

- Outcomes of proposed policy revisions

- Technical assistance workshops and agency briefings

GrantSearch Database

Contains approximately **1,500 funding opportunities** that are cyclical, make multiple awards, and are national/regional in scope.

Searchable by

- Academic Subject
- Activity
  - ✓ Curriculum Development
  - ✓ Fellowships
  - ✓ Research support, etc.
- Funding Sponsor
- Deadline Month
- Keyword

Entries include

- Funding Opportunity Description
- Links to Online Information
- Deadline and Verification Dates
- Contact Information

Faculty Alert System

Provides faculty with monthly email notifications about funding opportunities related to their interests

- Faculty members select academic areas of interest and types of support they are most interested in receiving.

- Criteria can be changed or adjusted any time to ensure that members are receiving notices that best fit their needs.

- Currently, there are over 2,400 faculty enrolled.

Management and Funding Resources

- Funded proposal library

- Agency fact sheets

- Sample administrative policies

- Limited submission funding opportunities

- Funding and proposal development guides

- Webinar recordings

- Funding opportunity search request form

GRC Funding Competitiveness Conference
February 19-22, 2019

- Annual conference featuring federal agency and foundation program officers who administer grant programs and influence funding decisions:
  - General and concurrent sessions
  - Private consultations (1:1 between participant and program officer)
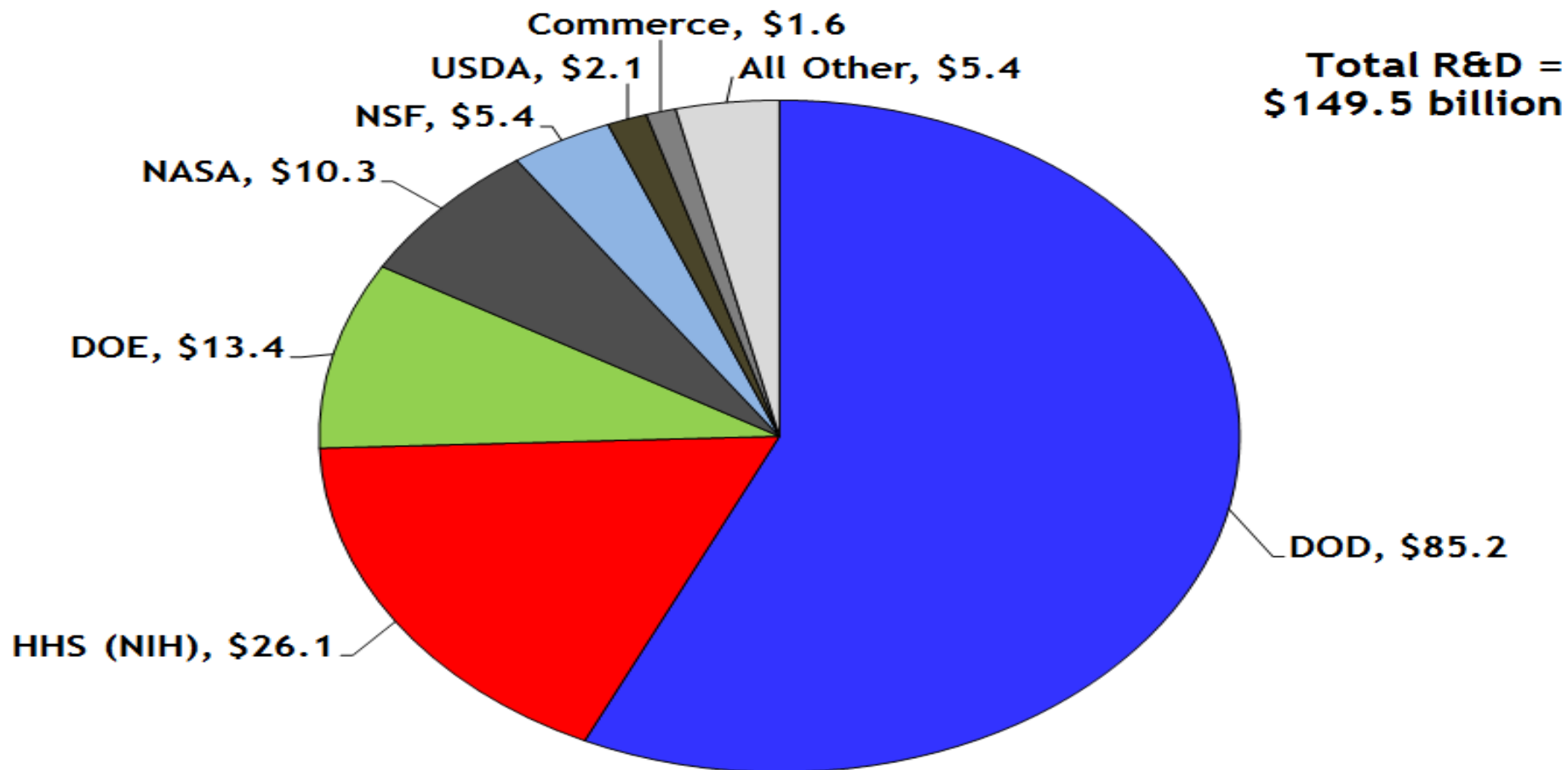 - Webinar recording option for those unable to attend

Questions?

Current Federal Priorities

- OMB memo outlines administration wide research priorities
  - American military superiority, security, prosperity, energy dominance, health
  - Notable shifts from prior administration include lack of discussion of climate change, environmental research, advanced manufacturing, and space policy

- Demands agencies outline "budget neutral" investments for future research

- Asks agencies to focus on basic science, rather than later-stage R&D and commercialization efforts

Total R&D by Agency, FY 2018
budget authority in billions of dollars

Commerce, $1.6
USDA, $2.1
NSF, $5.4
NASA, $10.3
All Other, $5.4
DOE, $13.4
Total R&D = $149.5 billion
DOD, $85.2
HHS (NIH), $26.1

More Priorities (FY 18 and Beyond)

- **P**romoting **R**eal **O**pportunity, **S**uccess, and **P**rosperity through **E**ducation **R**eform (PROSPER Act)—HEA Reauthorization (last done in 2008)
  - House vote expected soon
  - Lax regulations for-profit IHEs
  - Elimination of reporting for foreign gifts
  - Elimination of Teacher Quality Partnership program
  - Completion rates of at least 25% for Title III eligible schools
  - TRIO Programs
    - Sets aside 20% of funds for new and innovative programs (10% each)
    - Requires 20% institutional match

- $1.5 trillion Tax Reform
  - Limits on state and local deductions and increased standard deductions may affect higher education donations
  - Tuition waivers will remain tax free

- Opioid Grant Opportunities
  - Opioid addiction declared public health emergency
  - Over $2.5 billion to HHS agencies to address addiction issues

Questions?

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Arts & Humanities:

National Endowment for the Arts & National Endowment for the Humanities

$153 million each

National Endowment for the Arts

- NEA is an independent federal agency that funds, promotes, and strengthens the creative capacity of our communities by providing all Americans with diverse opportunities for arts participation.

- Over the last few years, the budget has remained steady at approximately $150 million, despite frequent congressional threats of funding cuts

- NEA is generally a very open agency that is willing to take questions and answer emails and phone calls.

- All **programs require at least 1:1 matching**. Partnerships are encouraged.

NEA Programs

- Art Works - supports the creation of art that meets the highest standards of excellence, public engagement with diverse and excellent art, lifelong learning in the arts, and the strengthening of communities through the arts.
  - Matching grants generally range from $10,000 to $100,000.
  - Limited submission – one award per institution
  - **Next deadline—July 12, 2018**

- Our Town – supports creative placemaking projects that contribute to the livability of communities and place the arts at their core. Our Town supports projects in two areas:
  - Arts Engagement, Cultural Planning, and Design Projects that represent the distinct character and quality of their communities. Matching grants range from $25,000 to $200,000.
  - Projects that Build Knowledge about Creative Placemaking. Matching grants range from $25,000 to $100,000.
  - FY 18 competition pending

- Challenge America - supports projects that extend the reach of the arts to underserved populations. Matching grants are for $10,000.
  - **Last deadline—April 12, 2018**

National Endowment for the Humanities

- NEH purpose is to serve and strengthen the United States by promoting excellence in the humanities and conveying the lessons of history to all Americans.

- The budget has remained steady over the past few years at close to $150 million, despite frequent congressional threats of funding cuts. Its appropriation usually matches that of the National Endowment for the Arts.

- NEH makes about 1,000 awards each year.

- NEH provides examples of previously funded proposals for each program

NEH Programs

- **Humanities Initiatives at MSIs-** enhances the humanities content of existing programs, develops new programs, or lays the foundation for more extensive endeavors in the future.

  - Each project must be organized around a core topic or set of themes

  - Grants provide up to $100,000.

  - **Next deadline: June 26, 2018**

  Awards for Faculty at MSIs- funds projects that contribute to scholarly knowledge or to the public's understanding of the humanities through publications, presentations, and classroom teaching.

  - Awards made to individuals up to $50,400

  - **Last Deadline: April 11, 2018**

- **Summer Seminars and Institutes-**grants broaden and deepen understanding of the humanities in supporting professional development programs, specifically designed for a national audience of K-12 educators or college and university faculty.

  - Awards up to $200,000

  - **Last deadline: March 1, 2018**

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National Institutes of Health (NIH):
$37 billion

National Institutes of Health

- Largest funding source for biomedical research in the world.

- Provides 80 percent of all federal support for the life sciences, and nearly 90 percent of federal support for the biological sciences.

- Funds more than 80 percent of all federal psychology research.

- Major supporter of social and behavioral sciences research.

- NIH funding is competitive— < 20 percent success rate.

NIH Institutes & Centers

- National Cancer Institute
- National Eye Institute
- National Heart, Lung & Blood Institute
- National Human Genome Research Institute
- National Institute on Aging
- National Institute on Alcohol Abuse & Alcoholism
- National Institute of Allergy & Infectious Diseases
- National Institute of Arthritis & Musculoskeletal & Skin Diseases
- National Institute of Biomedical Imaging & Bioengineering
- Eunice Kennedy Shriver National Institute of Child Health & Human Development
- National Institute on Deafness & Other Communication Disorders
- National Center for Advancing Translational Sciences
- National Center for Complementary and Integrative Health

- National Institute of Dental & Craniofacial Research
- National Institute of Diabetes & Digestive & Kidney Diseases
- National Institute on Drug Abuse
- National Institute of Environmental Health Sciences
- National Institute of General Medical Sciences
- National Institute of Mental Health
- National Institute for Minority Health & Health Disparities
- National Institute of Neurological Disorders & Stroke
- National Institute of Nursing Research
- National Institute of Medicine
- John E. Fogarty International Center
- National Center for Complementary & Alternative Medicine
- National Center for Advancing Translational Sciences
- Center for Information Technology
- Center for Scientific Review
- Fogarty International Center

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Keep an eye on the following critical research initiatives:

- Alzheimer's disease research - $1.8B (+400 million)

- BRAIN Initiative - $400M (+140 million)

- All of Us - $290M (+60 million)

- Regenerative medicine research - $10M (+8 million)

- Clinical and Translational Science Awards - $543 (+27 million)

- Institutional Development Awards (IDeA) - $351M (+17 million)

- Universal flu vaccine - $100M (+40 million)

- Combating antibiotic-resistance bacteria - $351M (+17 million)

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NEW from NIH!
The **HEAL INITIATIVE** aims to:

1. Prevent addiction through enhanced pain management; and

2. Improve treatments for Opioid Misuse Disorder (OMD) and addiction.

(HEAL) Helping to End Addiction Long-Term

Approved FY18 Omnibus Appropriations

$1 billion to fight opioid use, addiction, and overdose within states and Tribes impacted by opioid health crisis.

- Improving treatment and prevention efforts;

- Advancing the understanding of genetic and social factors that put patients at risk for opioid misuse and addiction;

- Identifying alternatives to pain medication (yoga, meditation, mindfulness, physical exercise, etc.);

- Expanding the workforce to deliver health care services to individuals facing opioid use and addiction especially in rural communities;

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Academic Research Enhancement Award (AREA)

- Limited to institutions receiving $6 million or less per year (over 4 of the last 7 years) from NIH.

- 'Small' award; $300,000 total for up to three years.

- Active, hands-on involvement of undergraduate (preferred) and graduate students in the proposed research is essential.

- R15 is a research grant and not intended to focus on training objectives of students.

- Each NIH institute/center has its own AREA contact except the National Institute on Minority Health and Health Disparities (NIMHD).

Annual Deadlines: February 25, June 25 and October 25

NIH Opportunities

Bridges to the Baccalaureate/Doctorate

Supports partnerships among community colleges, 4-year colleges and doctoral institutions to help students make the transition from community colleges to 4-year baccalaureate programs; improves minority student achievement in the biomedical sciences.

- **Annual Deadline: September 25**

Summer Research Experience Programs

Supports research experiences for high school and college students, community college and college teachers from NIH AREA-eligible institutions for eight to 15 weeks during the summer. PD(s)/PI(s) must have current NIH grant support with one of the participating NIH Institutes.

- **Last Deadline: March 23, 2018**

NIH Opportunities

Independent Scientist Awards provides three, four, or five years of salary support and "protected time" for newly independent scientists who can demonstrate the need for a period of intensive research focus as a means of enhancing their research careers. Some NIH Institutes & Centers may require candidates to have an NIH research grant at time of application. Each independent scientist career award program must be tailored to meet the individual needs of the candidate. Medical, dental, nursing schools, or IHEs apply on behalf of the candidates.
Annual Deadlines: February 12, June 12 and October 12

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National Science Foundation (NSF): The omnibus will provide $7.77 billion

HBCU Specific Information

- **$35 million:** Historically Black Colleges & Universities Undergraduate Program (HBCU-UP) to:

    1. Enhance the quality of undergraduate STEM education and research; and

    2. Broaden participation in STEM through several distinct tracks:

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National Science Foundation (NSF): The omnibus will provide $7.77 billion

- **$10 million: New HBCUs Excellence in Research Track** (within the HBCU-UP program) provides competitive grants to HCBUs to stimulate improvement of R&D capacity and competitiveness; and

- **$46 million: Louis Stokes Alliances for Minority Participation (LSAMP)** supports the graduation of well-prepared, highly-qualified students from underrepresented groups who pursue graduate studies or careers in STEM.

National Science Foundation

- Funds about 24 percent of all federally supported basic research conducted by U.S. colleges and universities.

- NSF makes about 11,000 new awards per year, with an average duration of three years

- Most awards go to individuals or small groups of investigators; others fund research centers, instruments, and facilities.

- Cost Sharing is not generally allowed per NSF policy.

- Many directorates accept unsolicited proposals

NSF Directorates

- Directorate for Biological Sciences

- Directorate for Computer and Information Science & Engineering

- Directorate for Education and Human Resources

- Directorate for Engineering

- Directorate for Geosciences

- Directorate for Mathematical and Physical Sciences

- Directorate for Social, Behavioral, and Economic Sciences

NSF Proposal Designations

- Research in Undergraduate Institutions (RUI)/Research Opportunity Awards (ROA) - two related mechanisms that support research by faculty members at predominantly undergraduate institutions (PUIs).
  - RUI proposals support PUI faculty in research that engages them in their professional field(s), builds capacity for research at their home institution, and supports the integration of research and undergraduate education.
  - ROAs similarly support PUI faculty research, but these awards typically allow faculty to work as visiting scientists at research-intensive organizations where they collaborate with other NSF-supported investigators.

- Grant Opportunities for Academic Liaison with Industry (GOALI) - not a separate program, but a designation that supports university-industry partnerships that enhance the success of other projects.

- Research Experiences for Undergraduates (REU) - supports undergraduate research participation through two mechanisms. REU Sites support independent projects to initiate and conduct research projects involving a number of undergraduates. REU Supplements support the addition of undergraduates to ongoing, new, or renewal NSF-funded projects.

NSF STEM Education Grants

- Professional Formation of Engineers: Research Initiation in Engineering Formation- Funds support research that considers the construction of engineering knowledge, engineering identity, and the engineering profession, as well as interventions that expand the boundaries of each of these
  - Interdisciplinary approaches with social science are encouraged
  - **Annual deadline: last Thursday in February**

- Cyberlearning and Future Learning Technologies- Supports efforts to integrate opportunities offered by emerging technologies with advances in what is known about how people learn to further design of the next generation of learning technologies
  - Projects must focus on each of the following: Cyber Innovation; Learning Innovation; and Advancing understanding of how people learn in technology-rich learning environments
  - **Annual Deadline: Second Monday in January**

NSF STEM Education Grants

- <u>Scholarships in Science, Technology, Engineering, and Math (S-STEM)</u>-Provides awards to colleges and universities to fund scholarships for academically talented, financially needy students, and to enhance and study effective curricular and co-curricular activities that support their recruitment, retention, success, and graduation in STEM
    - Encourages partnering between different types of institutions; among STEM faculty/educational and social science researchers; and higher education/business and industry
    - **Annual deadline: Last Wednesday in March**

- <u>STEM+C (Science, Technology, Engineering and Mathematics, including Computing) Partnerships</u>
    - Supports innovative partnerships to improve teaching and learning in STEM disciplines in pre-K-12 education
    - Advances the integration of computational thinking and computing activities in pre-K-12 education to provide a strong and developmental foundation in computing and computational thinking through the integration of computing in STEM teaching and learning, and/or the applied integration of STEM content in pre-K-12 computer science education
    - **Next deadline: July 2, 2018**

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Department of Education (ED): $70.9 billion

Department of Education

- ED's mission is supporting states, school districts, and postsecondary institutions in their efforts to provide a high-quality education to all students.

- ED Offices:
  - Institute of Education Sciences (IES)
  - Office of Career, Technical, and Adult Education (OCTAE)
  - Office of Elementary and Secondary Education (OESE)
  - Office of English Language Acquisition (OELA)
  - Office of Innovation and Improvement (OII)
  - Office of Postsecondary Education (OPE)
  - Office of Special Education and Rehabilitative Services (OSERS)

Department of Education

- Proposed Initiatives:
  - Creating New Education Options through School Choice
  - Maintaining Support for the Nation's Most Vulnerable Students
  - Simplifying Funding for Postsecondary Education
  - Building Evidence around Educational Innovation
  - Streamlining Existing Programs

Department of Education

- Approved Priorities for Future Competitions:
  - Empowering Families to Choose a High-Quality Education that Meets Their Child's Unique Needs
  - Promoting Innovation and Efficiency, Streamlining Education with an Increased Focus on Improving Student Outcomes, and Providing Increased Value to Students and Taxpayers
  - Fostering Flexible and Affordable Paths to Obtaining Knowledge and Skills
  - Fostering Knowledge and Promoting the Development of Skills that Prepare Students to be Informed, Thoughtful, and Productive Individuals and Citizens
  - Meeting the Unique Needs of Students And Children, including those with Disabilities and/or with Unique Gifts and Talents
  - Promoting Science, Technology, Engineering, and Math (STEM) Education, With a Particular Focus on Computer Science
  - Promoting Literacy
  - Promoting Effective Instruction in Classrooms and Schools
  - Promoting Economic Opportunity
  - Encouraging Improved School Climate and Safer and More Respectful Interactions in a Positive and Safe Educational Environment
  - Ensuring that Service Members, Veterans, and Their Families Have Access to High-Quality Educational Choices

Institute of Education Sciences

Created in 2002 with the goal of advancing the field of education research, with an emphasis on evidence-based research.

- **National Center for Education Research (NCER)** supports rigorous research that addresses the nation's most pressing education needs, from early childhood to adult education. **Deadline: August 23, 2018**

- **National Center for Special Education Research (NCSER)** supports research on special education and related services, and addresses the full range of issues facing children with disabilities, parents of children with disabilities, school personnel and others. **Deadline: August 23, 2018**

- **Unsolicited Educational Research** supports unsolicited proposals for research, evaluation, statistics, and dissemination projects to provide reliable information about the condition of education. Proposal topics should not be already covered by NCER and NCSER programs. **Last Deadline: March 6, 2018**

More ED Programs Currently Open

- **Teacher Quality Partnership** supports activities to reduce shortages of highly qualified teachers in high-need school districts. Eligible applicants are states, or partnerships consisting of high need local educational agencies, teacher preparation institutions, or schools of arts and sciences. **Next deadline: June 26, 2018**

- **Fulbright-Hays Doctoral Dissertation Research Abroad** provides grants to colleges and universities to fund individual doctoral students who conduct research in other countries, in modern foreign languages and area studies for periods of six to 12 months. **Next deadline: July 2, 2018**

- **Fulbright-Hays Group Projects Abroad** provides opportunities for faculty, teachers, and undergraduate and graduate students to conduct individual and group projects overseas to carry out research and study in the fields of modern foreign languages and area studies. **Next deadline: July 5, 2018**

Questions?

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