Biophotonics (CFDA No. 47.041)
Purpose: To explore the research frontiers in photonics principles, engineering, and technology that are relevant for critical problems in fields of medicine, biology, and biotechnology.
Eligibility: Unrestricted.
Funding: $6.6 million.
Deadline: 10/20/2016.
Contact: E-mail: grantsgovsupport@nsf.gov.

Community Services Block Grant (CSBG) Legal Training and Technical Assistance (T/TA) Center (CFDA No. 93.569)
Purpose: To provide continued supportive T/TA strategies for organizational assessment that can be utilized by states and local CSBG-eligible entities and to help ensure that CSBG-eligible entities set and meet organizational standards for operations and accountability and identify and focus on organizational, fiscal, and legal matters concerning the organizational standards in the following areas: consumer input and involvement, community engagement, community assessment, leadership, board governance, strategic planning, human resource management, financial operations and oversight, and data and analysis.
Eligibility: CSBG-eligible entities, or statewide or local organizations or associations, with demonstrated expertise in providing training to individuals and organizations on methods of effectively addressing the needs of low-income families and communities, including faith-based and community organizations.
Funding: $300,000.
Contact: Tel. (202) 401-2333; E-mail: seth.hassett@acf.hhs.gov.

Early Care and Education Research Scholars: Head Start Graduate Student Research Grants (CFDA No. 93.600)
Purpose: To support dissertation research by advanced graduate students who are working in partnership with Head Start programs and with faculty mentors to demonstrate a collaborative partnership with their program partners, and pursue research questions that directly inform local, state, or federal policy relevant to multiple early care and education practices.
Eligibility: Public and state-controlled institutions of higher education and private institutions of higher education.
Funding: $150,000.
Contact: Tel. (202) 260-2039; E-mail: wendy.decourcey@acf.hhs.gov.

Environmental Sustainability (CFDA No. 47.041)
Purpose: To promote sustainable engineered systems that support human well-being and that are also compatible with sustaining natural (environmental) systems, provide ecological services vital for human survival, and support research that would affect more than one chemical or manufacturing process or that takes a systems or holistic approach to green engineering for infrastructure or green buildings.
Eligibility: Unrestricted.
Funding: $7 million.
Deadline: 10/20/2016.
Contact: E-mail: grantsgovsupport@nsf.gov.

Exploratory/Developmental Surgical Disparities Research (CFDA Nos. 93.307, 93.313, 93.395, 93.399, 93.846)
Purpose: To encourage developmental and exploratory research focused on understanding and addressing disparities in surgical care and outcomes, in minority and health disparity populations, and to better understand and explore effectiveness of clinical intervention approaches for addressing surgical disparities, while employing multi-level strategies at the institutional and systems level.
Eligibility: State governments; county governments; city or township governments; special district governments; independent school districts; public and state-controlled institutions of higher education; public housing authorities/Indian housing authorities; Native American tribal organizations; nonprofits; private institutions of higher education; for-profit organizations, other than small businesses; and small businesses.
Funding: Not specified; awards of up to $200,000.
Contact: E-mail: fbowebmaster@od.nih.gov.

Family Strengthening Scholars (CFDA No. 93.647)
Purpose: To support dissertation research on healthy marriage/responsible fatherhood policy issues and to build capacity in the research field to focus research on questions that have direct implications for healthy marriage/responsible fatherhood policy decision-making and program administration, and to foster mentoring relationships between faculty members and high-quality doctoral students.
Eligibility: Universities and two- and four-year colleges (including community colleges) accredited in, and having a campus located in, the U.S.
Funding: $75,000.
Contact: Tel. (202) 401-5436; E-mail: kathleen.mccoy@acf.hhs.gov.

Food and Agricultural Sciences National Needs Graduate and Postgraduate Fellowship (NNF) Grants Program (CFDA No. 10.210)
Purpose: To support students’ training and completion of master’s and/or doctoral degree programs in identified national need areas within the food, agricultural, natural resources, and human sciences and to support traineeship programs that engage outstanding students to pursue and complete their degrees in areas where there is a national need for the development of scientific and professional expertise in the food and agricultural sciences.
Eligibility: Universities and two- and four-year colleges (including community colleges) accredited in, and having a campus located in, the U.S.
Funding: $3.1 million.
Contact: Tel. (202) 401-5048; E-mail: electronic@nifa.usda.gov.

General and Age-Related Disabilities Engineering (GARDE) (CFDA No. 47.041)
Purpose: To support fundamental engineering research that will lead to the development of new technologies, devices, or software that improve the quality of life of persons with disabilities.
Eligibility: Unrestricted.
Funding: $4.6 million.
Deadline: 10/20/2016.
Contact: E-mail: grantsgovsupport@nsf.gov.

Illinois Monarch Butterfly Habitat Improvement, Fiscal Year 2016 (CFDA No. 10.072)
Purpose: To provide the services necessary to improve monarch butterfly/pollinator habitat restoration practices on existing Wetlands Reserve Program (WRP) easements and to provide services including, but not limited to: site assessment/planning, site preparation, seed procurement, and seedling and establishment practices necessary to implement monarch butterfly habitat restoration plans consistent with NRCS standards and specifications.
Eligibility: State governments, county governments, city or township governments, special district governments, and Native American tribal organizations.
Funding: $2.8 million.
Contact: Julius Cotton, Tel. (202) 245-6140; E-mail: julius.cotton@ed.gov.

Office of Elementary and Secondary Education (OESE): Preschool Development Grants: Preschool Pay for Success Feasibility Pilot (CFDA No. 84.419C)
Eligibility: State governments, county governments, city or township governments, special district governments, and Native American tribal organizations.
Funding: $2.8 million.
Contact: Julius Cotton, Tel. (202) 245-6140; E-mail: julius.cotton@ed.gov.

Partnerships for Innovation: Building Innovation Capacity (CFDA Nos. 47.041, 47.070)
Purpose: To support academe-industry partnerships, which are led by an interdisciplinary academic research team collaborating with a least one industry partner, that focuses on the integration of technologies into a specified human-centered service system with the potential to achieve transformational benefits, satisfying a real need by making an existing service system smarter or by spurring the creation of an entirely new smart service system.
Eligibility: Nonprofit, non-academic organizations; independent museums; observatories; research labs; professional societies and similar organizations in the U.S. associated with educational or research activities; and universities and colleges, including community colleges.
Funding: $10 million.
Contact: E-mail: grantsgovsupport@nsf.gov.

Research Grants for Preventing Violence and Violence-Related Injury (CFDA No. 93.136)
Purpose: To help expand and advance our understanding about what works to prevent violence by rigorously evaluating primary prevention strategies, programs, and policies to address specific gaps in the prevention of teen dating violence, intimate partner violence, sexual violence, and youth violence.
Eligibility: State governments; county governments; city or township governments; special district governments; independent school districts; public and state-controlled institutions of higher education; public housing authorities/Indian housing authorities; Native American tribal organizations; nonprofits; private institutions of higher education; for-profit organizations, other than small businesses; and small businesses.
Funding: $3.1 million.
Deadline: 1/31/2017.
Contact: E-mail: lxv8@cdc.gov.

SBE Postdoctoral Research Fellowships (CFDA No. 47.075)
Purpose: To encourage independence early in the fellow’s career through supporting his or her research and training goals that must address important scientific questions.
Eligibility: Individuals.
Funding: $3 million.
Deadline: 11/14/2016.
Contact: E-mail: grantsgovsupport@nsf.gov.

U.S. Nuclear Regulatory Commission Funding Opportunity Announcement (FOA), Scholarship and Fellowship Education Grant, Faculty Development Grant, and Trade School and Community College Scholarship Grant, Fiscal Year (FY) 2017 (CFDA No. 77.008)
Purpose: To support scholarships for nuclear science, engineering, technology, and related disciplines to develop a workforce capable of supporting the design, construction, operation, and regulation of nuclear facilities and the safe handling of nuclear materials.
Eligibility: Public and state-controlled institutions of higher education; nonprofits, other than institutions of higher education; and private institutions of higher education.
Funding: $15 million.
Deadline: 10/14/2016.
Contact: Tel. (301) 415-6869; E-mail: mlita.carr@nrc.gov.