**FEDERAL GRANTS**

<table>
<thead>
<tr>
<th>Grant Name</th>
<th>Novel and Innovative Tools to Facilitate Identification, Tracking, Manipulation, and Analysis of Glycans and their Functions (R21) (NIH)</th>
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</thead>
<tbody>
<tr>
<td><strong>Summary:</strong></td>
<td>This program solicits development of new, more easily accessible tools, reagents, and technologies to facilitate identification, tracking, manipulation, and analysis of glycans with their biological binding partners and determine their functions. This initiative may build on efforts that interface with existing technologies and procedures to make them easier to access and use. As applicable, efforts must consider: factors for scale-up; efforts to make instrumentation broadly accessible and cost-effective for the end-user; and compatibility of data generated with integration into existing databases. Specific areas of research interest include, but are not limited to: development of analytical methods and tools to permit facile and high-throughput elucidation of oligosaccharide structures including identification of the linkages of all monosaccharide units, locations of branch points, and anomeric configurations; development of inhibitors for glycan-binding proteins; development of in silico tools for analysis of existing carbohydrate databases; and development of reagents and tools to image glycoproteins or glycolipids in situ in real time.</td>
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<td><strong>Eligibility:</strong></td>
<td>There are no eligibility restrictions.</td>
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<tr>
<td><strong>Dates:</strong></td>
<td>After the submission window opens on September 16, 2015, applications are due by October 15, 2015. Optional letters of intent are due by September 15, 2015.</td>
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<tr>
<th>Grant Name</th>
<th>Screening and Brief Alcohol Interventions in Underage and Young Adult Populations (R03/R21) (NIH)</th>
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<tbody>
<tr>
<td><strong>Summary:</strong></td>
<td>The objective of this program is to encourage research on screening and brief interventions (SBI) to prevent and/or reduce alcohol use and alcohol-related harms among underage and young adult populations. As the interest in SBI has grown, there has been an increasing need to know how to best implement SBI into routine clinical practice, especially in large healthcare delivery organizations. Questions of interest include: what are the cost offsets that can be realized by introducing SBI?; how can these offsets best be estimated using typical administrative data?; how large does the effect size of an SBI have to be for these effects to show a positive balance against the costs of an SBI program itself (under real-world conditions rather than ideal conditions typical of a clinical trial)?; can the delivery of SBI be assisted by computerization?; and how can uniformity of quality and fidelity to protocol best be achieved when implementing SBI in larger healthcare delivery systems?</td>
</tr>
<tr>
<td><strong>Eligibility:</strong></td>
<td>There are no eligibility restrictions.</td>
</tr>
<tr>
<td><strong>Dates:</strong></td>
<td>After the submission window opens on September 16, 2015, standard dates apply.</td>
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**Grant Name:** Improved Reentry Education (ED)

**Summary:** The purpose of the Improved Reentry Education (IRE) program is to support demonstration projects in prisoner reentry education that develop evidence of reentry education's effectiveness. IRE seeks to demonstrate that high quality, appropriately designed, integrated, and well implemented educational and related services provided in institutional and community settings are critical in supporting educational attainment and reentry success for individuals who have been incarcerated. Absolute priorities of this opportunity include supporting high need students, and improving supports and correctional education.

**Eligibility:** Eligible applicants are organizations that currently provide adult education and literacy activities, including institutions of higher education, community colleges, and technical colleges.

**Dates:** Applications are due by August 12, 2015.

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**Grant Name:** Research Opportunities in High Energy Physics (Department of Energy)

**Summary:** The Office of High Energy Physics (HEP) at the U.S. Department of Energy invites new and renewal grant applications for support of research programs in High Energy Physics. The mission of the HEP program is to understand how the universe works at its most fundamental level, which is done by discovering the elementary constituents of matter and energy, probing the interactions between them, and exploring the basic nature of space and time.

The HEP program focuses on three scientific frontiers: the Energy Frontier, where powerful accelerators are used to create new particles, reveal their interactions, and investigate fundamental forces; the Intensity Frontier, where intense particle beams and highly sensitive detectors are used to pursue alternate pathways to investigate fundamental forces and particle interactions by studying events that occur rarely in nature, and to provide precision measurements of these phenomena; and the Cosmic Frontier, where non-accelerator-based experiments observe the cosmos and detect cosmic particles, making measurements of natural phenomena that can provide information about the nature of dark matter, dark energy, and other fundamental properties of the universe that impact our understanding of matter and energy.

Also integral to the mission of HEP are three cross-cutting research areas that enable new scientific opportunities by developing the necessary tools and methods for discoveries: Theoretical High Energy Physics, where the vision and mathematical framework for understanding and extending the knowledge of particles, forces, space-time, and the universe are developed; Accelerator Science and Technology Research and Development, where the technologies and basic science needed to design, build, and operate the accelerator facilities essential for making new discoveries are developed; and Detector Research and Development, where the basic science and technologies needed to design and build the High Energy Physics
detectors essential for making new discoveries are developed.

The three frontiers and the three cross-cutting research areas are collectively the six research subprograms supported by HEP. All applications should address specific research goals in one or more of the six research subprograms (as in the examples given below), and explain how the proposed research or technology development supports the broad scientific objectives and mission of the HEP program.

**Eligibility:** There are no eligibility restrictions.

**Dates:** Applications are due by September 17, 2015. Optional letters of intent are due by August 13, 2015.

**Grant Name:** Interdisciplinary Behavioral and Social Science Research (NSF)

**Summary:** The Interdisciplinary Behavioral and Social Science Research (IBSS) competition promotes the conduct of interdisciplinary research by teams of investigators in the social and behavioral sciences. Emphasis is placed on support for research that involves researchers from multiple Social, Behavioral, and Economic Sciences (SBE) disciplinary fields and that integrates scientific theoretical approaches and methodologies from multiple SBE disciplinary fields. Emphasis also is placed on the significance of expected intellectual contributions that are likely to yield generalizable insights and information that will enhance theoretical perspectives and advance basic knowledge and capabilities across multiple SBE disciplinary fields.

Although the IBSS competition will consider any proposal that addresses a topic for which the proposal makes a compelling case that the research will enhance broader theoretical understanding across multiple social and behavioral science fields, social and behavioral science researchers are especially encouraged to submit proposals for research on one of the following three broadly defined topics: Population Change; Sources and Consequences of Disparities; and Technology, New Media, and Social Networks.

**Eligibility:** There are no eligibility restrictions.

**Dates:** Applications are due by December 1, 2015.

**Grant Name:** Planning Grants for Healthcare and Public Health Sector Cybersecurity Information Sharing (HHS)

**Summary:** This program seeks applications for a planning grant related to an expected FY 2016 cooperative agreement from the Department of Health and Human Services on cybersecurity information sharing. While the details of that cooperative agreement are not yet available, it is expected to focus on activities related to the sharing of cybersecurity information with the healthcare sector.

This planning grant will provide up to a total of $150,000 to support the pre-planning and application development process of an organization or organizations intending to apply for the cooperative agreement. The objectives of this planning
grant are to develop an assessment of information needs and to support the development of cooperative agreement proposals. The program maintains two objectives: a cybersecurity threat information gap analysis, and capacity building and strategy development.

**Eligibility:** Eligible applicants are nonprofits, universities and colleges, research institutions, hospitals, community-based organizations, and faith-based organizations.

**Dates:** Applications are due by September 14, 2015. There is a technical assistance conference scheduled for August 13, 2015.

**Grant Name:** Orthotics Outcomes Research Award (DoD)

**Summary:** The Orthotics Outcomes Research Award is intended to support research that evaluates the comparative effectiveness of orthotic clinical interventions and/or their associated rehabilitation interventions, using patient-centric outcomes for Service members and Veterans who have undergone limb impairment or limb amputation. The objective is to improve the understanding of orthotic devices, treatments, rehabilitation strategies, and secondary health effects. The ultimate goal is to advance the adoption and implementation of these evidence-based interventions.

Proposed projects should be designed to provide patient-centric outcomes data regarding orthotic devices, and/or related clinical interventions, and must include the anticipated effect on patient care metrics. Principal Investigators (PIs) are strongly encouraged to collaborate, integrate, and/or align their research projects with DoD and/or VA research laboratories and programs.

Studies relating to or associated with orthotic devices, treatments, rehabilitation strategies, and secondary health effects are sought that: include longitudinal outcomes; compare different patient care approaches; include patient-centric outcome assessments; generate new knowledge that supports the development of new, or modification of, existing clinical practice guidelines and recommendations; generate new prescription algorithms; provide information on quality of life, reintegration, and/or return to duty/return to work as it pertains to those patients who use an orthotic device due to limb impairment; or generate results and/or materials that are directly translatable to the clinic and patient use. All applications must demonstrate direct relevance to Service members and Veterans with traumatic extremity injury and/or amputation using orthotic devices.

**Eligibility:** There are no eligibility restrictions.

**Dates:** Pre-applications are due by August 31, 2015, and applications are due by November 16, 2015.

**Grant Name:** Prosthetics Outcomes Research Award (DoD)
Summary: The Prosthetics Outcomes Research Award is intended to support research that evaluates the comparative effectiveness of prosthetic clinical interventions, and/or their associated rehabilitation interventions, using patient-centric outcomes for Service members and Veterans who have undergone limb impairment or limb amputation. The objective is to improve the understanding of prosthetic devices, treatments, rehabilitation strategies, and secondary health effects. The ultimate goal is to advance the adoption and implementation of these evidence-based interventions.

Proposed projects should be designed to provide patient-centric outcomes data regarding prosthetic devices, and/or related clinical interventions and must include the anticipated effect on patient care metrics. Principal Investigators (PIs) are strongly encouraged to collaborate, integrate, and/or align their research projects with DoD and/or VA research laboratories and programs.

Studies relating to or associated with prosthetic devices, treatments, rehabilitation strategies, and secondary health effects are sought that: include longitudinal outcomes; compare different patient care approaches; include patient-centric outcome assessments; generate new knowledge that supports the development of new, or modification of, existing clinical practice guidelines and recommendations; generate new prescription algorithms; provide information on quality of life, reintegration, and/or return to duty/return to work as it pertains to those patients who use a prosthetic device due to limb impairment; or generate results and/or materials that are directly translatable to the clinic and patient use. All applications must demonstrate direct relevance to Service members and Veterans with traumatic extremity injury and/or amputation using prosthetic devices.

Eligibility: There are no eligibility restrictions.

Dates: Pre-applications are due by August 31, 2015, and applications are due by November 16, 2015.

FOUNDATION GRANTS

Grant Name: National Blood Foundation Accepting Applications for Scientific Research Grants Program
Summary: The National Blood Foundation, the philanthropic arm of the American Association of Blood Banks, has announced the availability of funding in 2016 for scientific research projects related to transfusion medicine and cellular therapies. NBF will award grants for investigator-initiated original research in all aspects of blood banking, transfusion medicine, cellular therapies, and patient blood management. Grants will support one- or two-year research projects, with a maximum award of $75,000.

Eligibility: To be eligible, an applicant must be a doctor (M.D. or Ph.D.), medical technologist, or transfusion medicine or cellular therapies professional. All applicants will be considered regardless of age, race, gender, national origin, or religion.

Dates: Applications are due by December 31, 2015.

Grant Name: Michael J. Fox Foundation for Parkinson's Research Seeks Proposals for Therapeutics Development
Summary: In an effort to stimulate development of Parkinson’s disease therapeutics, the Michael J. Fox Foundation for Parkinson’s Research is accepting pre-proposals for its Therapeutic Pipeline Program. Part of the foundation’s annual Edmond J. Safra Core Programs for PD Research, the Therapeutic Pipeline program supports PD therapeutic development along the entire preclinical and clinical path. Although MJFF is open to any creative therapeutic strategy, ideal applications should focus on efforts to address one of the following treatment challenges: disease-modifying strategies; alpha-synuclein therapeutics; and symptomatic strategies.

Eligibility: Eligible applicants include biotechnology/pharmaceutical companies, other for-profit entities, public and private nonprofit universities, colleges, hospitals, laboratories, and government agencies.

Dates: Pre-proposals must be received no later than October 28, 2015. Upon review, selected applicants will be invited to submit full proposals by December 4, 2015. Full proposals must be received no later than January 20, 2016.