

CALS Funding Opportunities April 3, 2017

Nomination Period for 2018 NAS Prize in Food and Agriculture Opens in April

The National Academy of Sciences Prize in Food and Agriculture Sciences recognizes research by a mid-career scientist (up to 20 years since completion of Ph.D.) at a U.S. institution who has made an extraordinary contribution to agriculture or to the understanding of the biology of a species fundamentally important to agriculture or food production. Applicable areas of science include plant and animal sciences, microbiology, nutrition and food science, soil science, entomology, veterinary medicine and agricultural economics. The recipient will be awarded a medal and a \$100,000 prize. The prize is endowed through gifts from the Foundation for Food and Agriculture Research and the Bill & Melinda Gates Foundation. [More](#)

New Pilot Process Being Tested for USDA HEC Grant Applications

USDA's National Institute of Food and Agriculture is piloting a new Just In Time process for Higher Education Challenge grant applications. The process will explore whether a streamlined submission process will reduce the administrative burden on applicants and determine what, if any, impact it has on the efficiency of the application and award process. Under the pilot, Current and Pending support, Matching Support, Felony Tax Certification, Subcontract Statement of Work and Subcontract Letter of Intent are not required as part of an application. The information will be required only if a project is recommended for an award. NIFA will analyze information from this pilot to determine whether to implement this approach more broadly. HEC grant applications are due May 30. [More](#)

NSF Dear Colleague Letter: Growing Convergence Research

Growing Convergence Research at the National Science Foundation is one of 10 Big Ideas for Future NSF Investments. NSF seeks to highlight the value of convergence as a process for catalyzing new research directions and advancing scientific discovery and innovation. An NSF Dear Colleague Letter (NSF 17-065) describes an initial set of opportunities to explore convergence approaches within four of the research-focused NSF Big Ideas: Harnessing the Data Revolution for 21st Century Science and Engineering, Navigating the New Arctic, The Quantum Leap: Leading the Next Quantum Revolution, and Work at the Human-Technology Frontier: Shaping the Future. Convergence projects should be grounded in a compelling research challenge, and the challenge should require a novel and deep integration of expertise. [More](#)

NSF Dear Colleague Letter: I/UCRCs in Areas Related to the Internet of Things

Given the projected impact of the Internet of Things in nearly every industry, foundational precompetitive research is important to enable designs and applications that meet critical performance, security and privacy guarantees. A recent National Science Foundation Dear Colleague Letter (NSF 17-072) encourages collaborations between industry and academe in research related to IoT specifically and, more broadly, cyber-physical systems. The aim is to establish Industry/University Cooperative Research Centers that are capable of collectively addressing large-scale and cross-disciplinary challenges in the broad context of IoT. Potential areas of interest include agriculture and farming-based applications, among others. [More](#)

Funding Information, Opportunities and Deadline Reminders

Dates listed are application deadlines. Contact: Roxanne Clemens, rclemens@iastate.edu

Additional information is posted at [CALs Pre-Award Resources](#).

May 1: USDA NIFA Alfalfa and Forage Research Program; \$250,000. [More](#)

May 1, Aug. 1 (initial inquiry): McKnight Foundation Mississippi River Program. [More](#)

May 26: USDA Rural Cooperative Development Grant; \$200,000, 25 percent cost share required. [More](#)

✓ May 30: USFWS White-Nose Syndrome Research Grants 2017; \$35,000 to \$250,000. [More](#)

May 30: USDA NIFA Higher Education Challenge Grants; education/teaching projects. [More](#)

Oct. 9: Society of Toxicology - Syngenta Fellowship Award in Human Health Applications of New Technologies; \$15,000. [More](#)

Nov. 21: NIH Innovative Research in Cancer Nanotechnology (R01). [More](#)

Dec. 8: NSF Alliances for Graduate Education and the Professoriate. [More](#)
