For information on funding opportunities and other information related to sponsored research, please visit research.cba.ua.edu or contact Deborah Hamilton (8-2952).

UA IRB Policies, Forms, and Guidance

Institutional Review Board (IRB) documents are available in two forms under “Resources” on the IRB site at http://osp.ua.edu/site/irb.html. The first form is an alphabetical listing of each type of document. The second form is a “Find It Fast” alphabetical topical listing. Use the IRB Web site as the official source for IRB documents, as other University sites may provide obsolete or incomplete information.

UA Budget Procedures for Grants and Contracts

The University’s Office for Research has developed a document outlining procedures for proposal budget preparation, budget modification for award reduction, and budget management.

The proposal budget preparation section explains the components of direct costs: salaries, benefits, tuition, travel, participant support, supplies, equipment, consultants/professional services, subagreements, and other direct costs. There are sections on indirect costs, budget justification, and general/best practices.

http://osp.ua.edu/Budget%20PP%20091909.pdf

National Science Foundation:

-Strategic Technologies for Cyberinfrastructure

The goal of the Strategic Technologies for Cyberinfrastructure (STCI) Program is to support activities that lead to innovative cyberinfrastructure but are not currently funded by other programs. Eligible projects include development, deployment, research, and education necessary to create cyberinfrastructure, or creation of cyberinfrastructure that will enable innovative science and education. Proposals should demonstrate a significant potential to transform multiple areas of science and/or education that depend on the development and deployment of CI.

Deadline is April 21.


-Cyberinfrastructure Training, Education, Advancement, and Mentoring for Our 21st Century Workforce (CI-TEAM)

New information, communication, and computational technologies have had profound impacts on the practice of science and engineering. Linked to create a comprehensive cyberinfrastructure, the systems, tools, and services emerging from these new technologies are enabling individuals, groups, and organizations to advance research and education in ways that revolutionize who can participate, what they can do, and how they do it. Sustaining this revolution across all areas of science and engineering requires the formation of a workforce with the knowledge and skills needed to design and deploy as well as adopt and apply these cyber-based systems, tools and services over the long-term. The opportunity for such preparation should be available at all stages of formal and informal education, training and professional development, and must be extended to all interested individuals and communities.

CI-TEAM projects position the national science and engineering community to engage in integrated research and education activities promoting, leveraging and using cyberinfrastructure systems, tools and services.

CI-TEAM awards will:

- Prepare current and future generations of scientists, engineers, and educators to design and develop as well as adopt and deploy, cyber-based tools and environments for research and learning, both formal and informal.

- Expand and enhance participation in cyberinfrastructure science and engineering activities of diverse groups of people and organizations, with particular emphasis on the inclusion of traditionally under-represented individuals and institutions, and communities as both creators and users of cyberinfrastructure.

This solicitation seeks three types of proposals. One, the Demonstration Project is exploratory in nature and may be somewhat limited in scope and scale. Demonstration Projects have the potential to serve as exemplars to effective larger-scale implementation and diffusion activities in the future. Second, the Implementation Project is generally larger in scope or scale and draws on prior experience with the activities or the teams proposed. Third, the Diffusion Project is expected to engage broad national audiences with research results, resources, models, and/or technologies. Implementation or Diffusion Projects are expected to deliver sustainable learning and workforce development activities that complement ongoing NSF investment in cyberinfrastructure.

All CI-TEAM projects seek to broaden and diversify the population of individuals and institutions participating in cyberinfrastructure activities specifically. The three types of projects consist of collaborations with expertise in multiple disciplines and involve partnerships that support integrated research and learning among diverse organizations. Other key features of CI-TEAM projects involve a commitment to leveraging existing or current development efforts in cyberinfrastructure technologies; open software standards and educational resources; integration of research and learning; institutional partnerships; and strategic implementation, management, and evaluation plans. NSF expects to select 6 to 7 Demonstration Projects at up to $250,000 total each and 3 to 6 Implementation or Diffusion Projects at up to $1,000,000 total each that together constitute a rich portfolio of cyberinfrastructure-related workforce development activities.

Deadline is April 27.


-Advanced Technological Education

The Advanced Technological Education (ATE) program focuses on the education of technicians for high-technology fields. The program involves partnerships between academic institutions and employers to promote improvement in the education of science and engineering technicians at the undergraduate and secondary school levels. The ATE program supports curriculum development; professional development of college faculty and secondary school teachers; career pathways to two-year colleges from secondary schools and from two-year colleges to four-year institutions; and other activities. Another goal is articulation between two-year and four-year programs for K-12 prospective teachers that focus on technological education. The program also invites proposals focusing on research to advance the knowledge base related to technician education.

Deadline is April 22 for preliminary proposals.


-Studying Complex Systems

21st Century Research Awards

James S. McDonnell Foundation

Projects are invited for submission to 21st Century Research Awards in the Studying Complex Systems program area. The program supports scholarship and research directed toward the development of theoretical and mathematical tools that can be applied to the study of complex, adaptive, nonlinear systems. It is anticipated that research funded in this program will address issues in fields such as demography, technological change, economic development, governance, or computation among others. While the program’s emphasis is on the development and application of the theory and tools used in the study of complex research questions and not on particular fields of research per se, JSMF is particularly interested in projects attempting to apply complex systems approaches to coherently articulated questions. Proposals intending to apply complex system tools and models to problems where such approaches are not yet considered usual or mainstream are appropriate.

21st Century Research Awards are designed to support research projects with a high probability of generating new knowledge and insights. Projects submitted for funding consideration should be at an early, even preliminary stage of development, and should be intended to break new ground or to revisit commonly held assumptions that upon examination are not sufficiently supported by data. Projects submitted should be sufficiently cross-disciplinary or heterodox to have a strong likelihood of influencing the development of new ways of thinking about important problems. 21st Century Research Awards provide adequate, flexible funding over a sufficient time period to allow investigators to pursue and develop new directions to their research programs.

Deadline is March 17.

http://www.jsmf.org/apply/research/index.htm