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

Research Grants Awards for 2008

The Research Grants Committee, through the Office of the Vice President for Research, is accepting applications for research grant funding for full-time permanent UA faculty and staff. Applicants may apply for funding for grant-in-aid (salary for all or part of summer), assistants, supplies, equipment, books, and travel in an amount up to $5,000. A detailed budget is required as part of the application. The deadline for applications is January 31 at 5 p.m. Awards will be announced the first week of April 2008.

Proposal submission information is at http://www.osp.ua.edu/rac_grants.html.
Contact Lauren Carr at 8-7812 or lcarr@fa.ua.edu.

NSF Theoretical Foundations 2008 (TF)

NSF’s Theoretical Foundations program supports basic research into the central issues underlying computer and information science and technology. Research and education projects sponsored by the program strengthen the intellectual foundations of algorithms and theoretical computer science, cryptography, network and communication theory, information theory, numeric and scientific computing, signal processing, and geometric algorithms, and bring advanced mathematical capabilities from these areas to bear on fundamental problems throughout science and engineering. The program encourages investigators to include in their proposals innovative curricula or educational materials to help advance the training of new experts in the cognate TF areas.

The TF program will support a number of new projects in FY 2008, ranging from modest projects with average annual budgets of $60,000 all the way through well-integrated, multi-investigator projects with annual budgets in the $500,000 to $1,000,000 range. Deadline is March 17 - March 31, 2008.


NSF’s Emerging Models and Technologies for Computation (EMT)

The goal of the EMT program is to enable radical innovations in the software, hardware and architecture of computing and communication systems through the support of projects that capitalize upon research opportunities at the intersection of computing and biological systems, nanoscale science and engineering, quantum information science, and other promising areas of science and technology. Interdisciplinary collaborations are highly encouraged.

Competitive proposals will move beyond incremental and evolutionary technological advances, stimulating seminal discoveries and innovations that will allow computing and communication systems to both work in radically different ways and make much greater contributions to society. In addition to advancing the research frontiers of computing and communications, the EMT program supports the development of innovative curricula and courseware that will help train future generations of engineers and scientists in emerging models and technologies for computation and communication.

In FY2008, EMT will fund research projects of three different types:

Large - These projects typically involve four or more Principal Investigators (PIs) working in complementary fields of science or engineering, and their associated postdoctoral fellows and/or students;

Medium - These projects typically involve two to four PIs with complementary research expertise and their associated postdoctoral fellows and/or students; and

Small - These projects typically consist of a single PI and associated postdoctoral fellow and/or students. Deadline is March 13, 2008.

Upjohn Institute for Employment Research
Mini-Grants

The Upjohn Institute funds proposals to conduct research and write scholarly papers on innovative research topics. Mini-Grants provides flexibility to meet special funding needs that, without support, would prevent researchers from pursuing the project. Funds could be used as summer compensation or to acquire special data sets, meet unusual computer processing or programming needs, or to cover travel to collect primary data. Special consideration will be given to those who use data from the institute’s Employment Research Data Center.

The Institute expects the recipient to submit their paper to a reputable journal, to prepare a synopsis of their research for consideration as an article in the Institute’s newsletter, Employment Research, and to enter the paper in the institute’s working paper series.

The Institute will consider all employment-related topics. The following topics would be of interest; however, applicants should feel free to pursue any topic that fits the general area:

Social Insurance: Studying systems that cushion wage earners against the vagaries of a market economy, including unemployment insurance, workers’ compensation, disability insurance, and public retirement programs. Interest also extends to the impact of protective labor legislation, including prohibitions against discrimination in employment by age, gender, race, disability, and other factors.

Employment Relationships: Research on employment relationships between workers and firms, how they are changing, and the policy implications of these changes. Research should explore the reasons underlying changes in such areas as the level and distribution of worker compensation, training and productivity, and unemployment, as well as the implications of these changes for policy. Research that compares recent developments in the United States with those in other countries is also encouraged.

Workforce and Economic Development Programs: Studies are encouraged that address the efficacy of government programs that promote workforce and economic development. These studies may address the effectiveness of states and localities in matching local resources to local needs, explore the proper incentive structure to accomplish program goals, assess the outcomes achieved by programs, and analyze program impacts on human capital development and economic growth.

The deadline for three-page summary applications is February 1, 2008. Mini-Grant proposals will be due April 11, 2008. Funding limit is $5,000.

http://www.upjohninst.org/grantann.html

AHRQ Health Services Research Demonstration and Dissemination Grants (R18)

This program announcement expresses AHRQ priority interests for ongoing extramural grants for research demonstration and dissemination projects to:

Support improvements in health outcomes. AHRQ seeks to support research to understand and improve decision-making at all levels of the health care system, the outcomes of health care, and, in particular, what works, for whom, when, and at what cost.

Strengthen quality measurement and improvement. AHRQ is interested in a broad array of research topics, including studies to develop valid and reliable measures of the process and outcomes of care, causation and prevention of errors in health care, strategies for incorporating quality measures into programs of quality improvement, and dissemination and implementation of validated quality improvement mechanisms.

Identify strategies to improve access, foster appropriate use, and reduce unnecessary expenditures. This area focuses on issues pertaining to the types of health care services Americans use, the cost of these services and sources of payment, determinants of access to care, and whether particular approaches to health care delivery and financing, or characteristics of the health care market, alter behaviors in ways that improve access and promote cost-effective use of health care resources.

Deadlines are January 25, May 25, and September 25, 2008.