



March 10, 2009

Dear Carolina community,

The American Recovery and Reinvestment Act has provided \$8.2 billion to the National Institutes of Health (NIH) to help stimulate the U.S. economy by supporting scientific research. NIH is now offering several funding opportunities that will advance science over the next two years and, at the same time, create and retain jobs. The Office of the Vice Chancellor for Research and Economic Development encourages Carolina researchers to take advantage of the funding opportunities listed below, and to act fast—deadlines are quickly approaching and these funds must be spent within the next two years. These opportunities include recently announced Recovery Act funding as well as another existing NIH instrumentation grant program.

Note to individual investigators: If you submitted an NIH research application in the past year that was reviewed as scientifically meritorious but fell below the funding level, your application may be eligible to receive up to two years of funding through the Recovery Act. If you have an existing funded grant, you may be eligible for a supplement to that award. In either case, contact your NIH program officer to inquire about such opportunities.

Recovery Act Competition: NIH Challenge Grants in Health and Science Research (RC1)

Submit proposals for novel research in areas that address specific knowledge gaps, scientific opportunities, new technologies, data generation, or research methods. NIH Institutes and Centers have selected specific Challenge Topics within fifteen different Challenge Areas (follow link below for details). The research in these Challenge Areas should have a high impact in biomedical or behavioral science and/or public health.

Budget: May not exceed \$500,000 per year (total direct and indirect costs) for a maximum of \$1M over a two-year project period.

Opening Date: March 27, 2009; Application due: April 27, 2009. Applications must be submitted to Grants.gov no later than 5:00 p.m.

For details, visit <http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-09-003.html>.

Shared Instrumentation Grant Program (S10)

Groups of NIH-supported investigators should submit proposals to purchase or upgrade commercially available instruments. Types of instruments supported include (but are not limited to) confocal and electron microscopes, biomedical imagers, mass spectrometers, DNA sequencers, biosensors, cell sorters, X-ray diffraction systems, and NMR spectrometers. Applications must identify at least three NIH-funded investigators who will use the requested instruments.

Budget: At least \$100,000. Maximum award is \$500,000.

Application due: March 23, 2009. Applications must be submitted to Grants.gov no later than 5:00 p.m.

For details, visit <http://grants.nih.gov/grants/guide/pa-files/PA-09-028.html>.

Recovery Act Competition: High-End Instrumentation Grant Program (S10)

Groups of NIH-supported investigators should submit proposals to purchase a single major item of equipment to be used for biomedical research. Funds must be spent expeditiously within 18-24 months from the date of award. Instruments in this category include (but are not limited to) structural and functional imaging systems, macromolecular NMR spectrometers, high-resolution mass spectrometers, cryoelectron microscopes, and supercomputers. Applications must identify at least three NIH-funded investigators who will use the requested instruments.

Budget: At least \$600,000. Maximum award is \$8M.

Opening date: April 6, 2009; Application due: May 6, 2009. Applications must be submitted to Grants.gov no later than 5:00 p.m.

For details, visit <http://grants.nih.gov/grants/guide/pa-files/PA-09-118.html>.

Recovery Act Limited Competition: Core Facility Renovation, Repair, and Improvement (G20)

Submit proposals to renovate, repair, or improve core facilities (defined as centralized shared resources that provide access to instruments, technologies, or services, as well as expert consultation to investigators supported by the core) to support the conduct of Public Health Service-supported biomedical and/or behavioral research. Funds are available to alter and renovate the core facility, improve its general equipment, purchase general equipment for specialized groups of researchers, or to centralize core facilities in institutions where similar core facilities exist in separate departments. Applicants should consider the use of green/sustainable technologies and design approaches. PI must be a highly placed institutional individual who has responsibility for allocation of space for biomedical and behavioral research and research training.

Budget: Direct costs between \$1M and \$10M. Project period may not exceed five years.

Opening Date: August 17, 2009; Application due: September 17, 2009. Applications must be submitted to Grants.gov no later than 5:00 p.m.

- **IMPORTANT:** Each institution is allowed to submit no more than two applications under this solicitation. Each application must be distinct. All applicants must submit their plans to Vice Chancellor for Research and Economic Development Tony Waldrop (twaldrop@email.unc.edu) ASAP for internal vetting.

For details, visit <http://grants.nih.gov/grants/guide/rfa-files/RFA-RR-09-007.html>.

Recovery Act Limited Competition: Extramural Research Facilities Improvement Program (C06)

Submit proposals to expand, remodel, renovate, or alter biomedical or behavioral research facilities to support the conduct of Public Health Service-supported biomedical and behavioral research. These funds are meant to support the costs of improving non-Federal facilities for basic research, clinical research, and animal facilities to meet the institution's biomedical or behavioral research, research training, or research support needs. Applicants should consider green/sustainable technologies and design approaches. PI must be a highly placed institutional individual who has responsibility for allocation of space for biomedical and behavioral research and research training.

Budget: Direct costs between \$2M and \$15M. Project period may not exceed five years.

Opening date: April 6, 2009; Application due dates: May 6, 2009 (projects between \$2M and \$5M); **June 17, 2009** (projects between \$10M and \$15M); **July 17, 2009** (projects between \$5M and \$10M). Applications must be submitted to Grants.gov no later than 5:00 p.m.

- **IMPORTANT:** Each institution is allowed to submit no more than three applications under this solicitation. Each application must be distinct. All applicants must submit their plans to Vice Chancellor for Research and Economic Development Tony Waldrop (twaldrop@email.unc.edu) ASAP for internal vetting.

For details, visit <http://grants.nih.gov/grants/guide/rfa-files/RFA-RR-09-008.html>.