

Funding Bulletin

Funding Opportunities for Research, Instruction, Service, Creative Activities
Fellowships and International Programs

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Program Information

To receive program descriptions and application forms for funding opportunities, please contact Beverly Page, Information Specialist, Research and Sponsored Programs, phone: (785)532-5045, e-mail: bbpage@ksu.edu

Limited Submissions

Limited submission programs have sponsor restrictions on the number of proposals that may be submitted by a single institution and will require institutional screening to determine which applications will be submitted. Dr. Jim Guikema, Associate Vice Provost for Research, is the internal coordinator for limited submission programs. Please notify him at 785-532-6195, email: guikema@ksu.edu, by the Internal due date listed in the Funding Bulletin or by at least two months prior to the sponsor deadline if you wish to submit to a limited submission program. Currently posted Internal Deadlines: <http://www.k-state.edu/research/funding/bulletins/bul06/internaldl/newlimits.htm>

GENERAL

15-1 NSF Academies for Young Scientists (NSFAYS) (NSF)

NSF seeks to support NSFAYS Projects that will create, implement, evaluate, and disseminate effective models to attract K-8 students to, prepare them for, and retain them in science, technology, engineering, and mathematics (STEM) disciplines, leading to an increase in the pool of students continuing in STEM coursework in high school and considering careers in STEM fields. Models must be built on sustainable partnerships of formal and informal education providers, business/industry, and Colleges of Education. The Foundation solicits highly innovative projects that expose students to innovative out-of-school time learning experiences that demonstrate effective synergies with in-school curricula, and take full advantage of the special attributes of each educational setting in synergistic ways. Four required partners for Project proposals include: 1) a school district, a consortium of schools within a district, or a consortium of districts; 2) business(es)/industry(ies) within the community; 3) a College of Education that prepares and/or certifies teachers; and 4) an informal science education organization. NSF 06-560 (Posted 3/30/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06560/nsf06560.htm>

Deadline: Letters of Intent 5/31/2006; Applications 6/30/2006

AGRICULTURE

15-2 Rapid Determination of Amino Acid Requirements of Lepomis Sunfish (NCRAC)

The North Central Regional Aquaculture Center's (NCRAC) Board of Directors has authorized funding for a 2-year Rapid Determination of Amino Acid Requirements of Lepomis Sunfish Project. NCRAC seeks statements of interest from qualified individuals to carry out the work. The objective of this project is to: Develop a least-cost diet for bluegill *Lepomis macrochirus* by: a) Evaluating amino acid composition of bluegills; b) Evaluating limiting amino acid requirements; c) Evaluating amino acid availability of dietary ingredients for bluegills; and d) Making a least-cost diet formulation model available to the industry within a two-year period.

URL: <http://www.ncrac.org>

Deadline: AES 4/24/2006; Proposal 5/1/2006

15-3 Management (Biological, Chemical, Physical) of Small Snails for Grub Control (NCRAC)

The North Central Regional Aquaculture Center's (NCRAC) Board of Directors has authorized funding for a 2-year Management (Biological, Chemical, Physical) of Snails for Grub Control Project. There will be up to \$200,000 for two years of research activity (Objective 1) and up to (25,000 earmarked for the extension/outreach portion (Objective 2). NCRAC seeks statements of interest from qualified individuals to carry out the work. The aquaculture industry has experienced loss of income for a variety of reasons due to the infestation of digenetic trematodes in many commercially important food fish species, especially in yellow perch, bluegill, largemouth bass, hybrid striped bass, channel catfish, and others. These trematode special (*Posthodiplostomum minimum*, white grub; *Uvulifer ambloplitis*, black grub; and *Clinostomum complanatum*, yellow grub) naturally occur in many species of fish, but are most troublesome in fish commercially cultured in ponds. No suitable method of controlling the infestations has been identified to date, but solutions (biological, chemical, and/or physical) to drastically reduce specific snail populations (a critical intermediate host of the trematode life cycle) may provide the best strategy for diminishing the parasites' impact. For this project emphasis will be placed on investigating new or known approaches for possible snail control methodologies and then refining and integrating them to fit regional circumstances. However, new and unique approaches to directly controlling grubs will also be considered.

URL: <http://www.ncrac.org>

Deadline: AES 4/24/2006; Proposal 5/1/2006

15-4 National Pork Board Research (NPB)

The National Pork Board (NPB) is soliciting research proposals dealing with Animal Science and Environment. The Environment Committee is soliciting proposals on environmental issues affecting swine production system in ten targeted areas. The Animal Science Committee is soliciting proposals for research relating to Non-Antimicrobial Production Enhancers.

URL: <http://www.pork.org>

Deadline: 5/10/2006

15-5 Food and Nutrition Assistance Research (USDA)

The Agriculture Department invites economic research applications relevant to USDA's food assistance and nutrition programs. Applicants must specify a priority area: Economic incentives in food assistance programs (program incentives, policy choices and economic impacts, and improving evaluation methods with administrative data); Food assistance as a safety net (household tradeoffs and well-being; filling gaps); Food choices, obesity and human capital (economics of food choices of low-income populations; and obesity, food security and human capital.

URL: <http://www.ers.usda.gov/Briefing/FoodNutritionAssistance/Funding>

Deadline: 5/22/2006

BUSINESS

15-6 Retirement Economics (R03), (R21) (NIH)

The National Institute on Aging (NIA) invites applications for research on retirement economics. The research objectives of this Funding Opportunity Announcement (FOA) include, but are not limited to: 1) the determinants of retirement behavior, 2) the variation of work patterns in later life, 3) the evolution of health and economic circumstances of individuals through retirement and into later life, 4) time and use and life satisfaction before and during retirement, 5) the implications of retirement trends, 6) retirement expectations, 7) international comparisons of retirement and 8) the development of innovative retirement modeling techniques. PA-06-235; PA-06-236 (NIHG 3/10/06)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-06-235.html>

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-06-236.html>

Deadline: 6/1/2006, 10/1/2006, 2/1/2007

EDUCATION

15-7 Grants in K-12 Education (Toyota)

The Toyota USA Foundation is committed to improving the quality of K-12 education by supporting innovative programs that improve the teaching and learning of mathematics and science. A high priority is placed on the following: a) Systematic math and science programs which are broad in scope and incorporate interdisciplinary curriculum, real world classroom applications and high student expectations; b) Creative and innovative programs which develop the potential of students and/or teachers; and c) Cost-effective programs that possess a high potential for success with relatively low duplication of effort.

URL: <http://www.toyota.com/about/community/tusafoundation>

Deadline: Open

15-8 Major Education Research Grants (Spencer)

The Spencer Foundation has as its primary mission, by the intent of its founder, to investigate ways in which education can be improved, around the world. The Foundation's Major Research Grants Program supports research projects requiring more than \$40,000. Research projects vary widely, ranging from medium-sized studies that can be completed within a year by an individual researcher to more extensive collaborative studies that last several years. The Major Grants program now accepts preliminary proposals that fit within one or more of four areas of inquiry: a) The Relation between Education and Social Opportunity; b) Organizational Learning in Schools, School Systems, and Higher Education Institutions; c) Teaching, Learning, and Instructional Resources; and, d) Purposes and Values of Education. In addition to proposals of these defined areas, the Foundation will continue to accept field-initiated proposals outside these areas.

URL: http://www.spencer.org/programs/grants/major_grants.htm

Deadline: Open

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

15-9 Pollution Prevention Grants Program (EPA)

EPA anticipates that approximately \$4.1 million will be available to support Pollution Prevention (P2) Grants to States, Tribes, and Intertribal Consortia in FY 2006 for prevention activities during FY 2006-2007. These grant dollars are targeted at State and Tribal technical assistance programs that address the reduction or elimination of pollution by businesses across all environment media: air, water and land. EPA-OPPT-06-002 (GG 3/30/06)

URL: <http://www.epa.gov/oppt/p2home/grants/ppis/2006RFPP2Grant.htm>

Deadline: 5/3/2006

HEALTH & LIFE SCIENCES

15-10 Diet Composition and Energy Balance (R01), (R21) (NIH)

The goal of this funding opportunity announcement (FOA) is to invite research applications investigating the role of diet composition in energy balance, including studies in both animals and humans. Both short and longer-term studies would be encouraged, ranging from basic studies investigating the impact of micro or macronutrient composition on appetite, metabolism, and energy expenditure through clinical studies evaluating the efficacy of diets differing in micro or macronutrient composition, absorption, dietary variety, or energy density for weight loss or weight maintenance. PA-06-173, PA-06-174 (NIHG 3/3/06)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-06-173.html>

Deadline: 6/1/2006, 10/1/2006, 2/1/2007

15-11 Long-Term Weight Maintenance: Basic and Clinical Studies (R21) (NIH)

The goal of this funding opportunity announcement is to invite research applications investigating basic and clinical aspects of long-term weight maintenance. Applications investigating mechanisms underlying weight stability and/or weight regain after intentional weight loss, as well as clinical studies investigating the role of behavioral, nutritional, exercise, or other interventions in enhancing long-term weight maintenance will be supported. Collaborations between basic and clinical researchers are particularly encouraged under this solicitation. PA-06-144 (NIHG 3/3/06)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-06-144.html>

Deadline: 6/1/2006, 10/1/2006, 2/1/2007

15-12 Exploratory Basic Research in Glomerular Disease (NIH)

The Division of Kidney, Urologic and Hematologic Diseases (DKUHD) of the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), invites applications from new or established investigators to pursue basic exploratory investigations of Glomerular Disease, which would foster development of new ideas enhancing the understanding of disease pathogenesis. It is the intent of this solicitation to invite applications from investigators with diverse scientific interests, who wish to apply their expertise into basic research to enhance the understanding of the pathogenesis from various forms, primary or secondary, of Glomerular Disease. PA-06-228 (NIHG 3/10/06)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-06-228.html>

Deadline: 6/1/2006, 10/1/2006, 2/1/2007

INTERNATIONAL/MULTICULTURAL

15-13 Art Exchanges on International

Issues Program (STATE)

The Cultural Programs Division of the Office of Citizen Exchanges, Bureau of Educational and Cultural Affairs, announces an open competition for grants to implement programs that utilize the arts to engage underserved youth in selected countries abroad, and foster linkages and build partnerships between U.S. and overseas non-profit arts and cultural organizations. These international arts exchange projects will encourage democracy building by demonstrating the opportunities for freedom of thought and expression and underscoring the importance of empowerment in an open society. ECA-PE-C-CU-06-03 (FG 4/7/06)

URL: <http://exchanges.state.gov/education/rfgps/maio11rfgp.htm>

Deadline: 5/11/2006

SMALL BUSINESS

15-14 Small Business Innovation Research Phase I Program Solicitation (EPA)

The Environmental Protection Agency (EPA) invites small business firms to submit research proposals under this Small Business Innovation Research (SBIR) Solicitation. The SBIR program is a phased process uniform throughout the Federal Government of soliciting proposals and awarding funding agreements for research (R) or research and development (R&D) to meet stated agency needs or missions. EPA is interested in advanced technologies that address Great Lakes (EPA Region 5) Environmental Problems; Environmental Problems in America's Heartland (EPA Region 7); Drinking Water and Wastewater Management for EPA office of Water (OW); and Critical EPA Research Topics (Innovation in Manufacturing, Nanotechnology, Solid and Hazardous Waste and Homeland Security)

URL: http://es.epa.gov/ncer/rfa/2006/2006_sbir_phase1.html

Deadline: 5/24/2006

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