NIH-funded study examines lead's effects on children.

The National Institutes of Health has awarded a grant of more than $200,000 to researchers at SUNY Oswego to continue their investigation into the effects of low levels of lead on cardiovascular functioning in children and to look into exactly how lead produces those effects.

Lead is an environmental pollutant that can find its way into the human body. It has long been known to have a negative impact on children's cognitive development if present at high enough levels, 10 micrograms per deciliter or more.

Work by Dr. Brooks Gump of Oswego's psychology department suggests that lead also may harm children's cardiovascular systems and that this adverse effect may occur when lead is present at extremely low levels, below 3.8 micrograms per deciliter.

Gump's initial investigations indicated that children's blood lead is associated with higher blood pressure due to vascular resistance in response to stressful or challenging situations. His studies have singled out lead as at least one possible culprit in the known association between poverty and poor cardiovascular health.

Gump is the principal investigator on the new $205,741 two-year project funded by the National Institute of Environmental Health. His co-principal-investigators are Dr. James MacKenzie of the college's biological sciences department and Dr. Kestas Bendiskas of the chemistry department.

Dr. Robert Morgan of Oswego Family Physicians and Dr. Patrick Parsons of SUNY Albany are also investigators on the study. Also involved are Edward Hogan, manager of the laboratory at SUNY Oswego.

(Continued on page 17)
The President’s Award For Scholarly and Creative Activity and Research 2008

The President’s Award, in the amount of $1,000, shall be given annually by the President of Oswego State University to a member or members of the full-time faculty and staff on continuing appointment and with a minimum of five years of service at Oswego. This award, which is designed as a recognition of a career of significant accomplishment in scholarly or creative activity or research, may be received only once.

Nominations for the award will be accepted from colleagues until January 31, 2008.

The nominator is responsible for obtaining a copy of the Selection Criteria and Procedures from the department office or the Office of Research and Sponsored Programs and preparing the candidates’ support file.

The President’s Award shall be under the auspices of the Scholarly and Creative Activity Committee (SCAC) of the college.

The selection committee (see IV.B.1 below) will screen these nominations, and it will send a short list, together with supporting data and material to the President via the Provost of the college.

The President will select the person(s) to receive the award from the committee’s short list.

The Provost’s Award For Scholarly and Creative Activity and Research 2008

The Provost’s Award, in the amount of $500, shall be given annually by the Provost of Oswego State University to a junior member or members of the full-time faculty and staff on continuing appointment and with a minimum of three years of service at Oswego.

(Continued on page 17)

Campus Grants Timeline

For information and application materials for campus grants, visit our web site http://www.oswego.edu/administration/ORSP/index.html and look under Campus Grants & Awards.

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<td>STUDENTS—Graduate &amp; Undergraduate Scholarly &amp; Creative Activity Grants</td>
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<td>FACULTY—President’s Award for Scholarly &amp; Creativity and Research</td>
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<td>FACULTY &amp; STUDENTS—Student/Faculty Collaborative Challenge Grants</td>
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It’s that time of year again!

Please join President Stanley and your colleagues to celebrate the holidays and bring forth the end of the semester with good cheer!

Wednesday, December 12, 2007

7:30 a.m.

Campus Center Food Court

HAPPY HOLIDAY’S FROM ORSP
An Eye on Funding—Current Funding Opportunities

ARTS

Graham (Elizabeth Firestone) Foundation [48257]
Deadline: 03/15/08
Scope: Support is provided to foster awareness and appreciation of contemporary visual art, particularly through catalogues and other publications that document art produced by emerging or under-recognized artists.
Funding: Grant amounts typically range from $5,000 to $20,000. Requests for projects that take place within one year of the request will be given priority consideration.
Objectives: The sponsor is interested in projects that attempt to bring together artists and the community, support artists from marginalized populations, and provide exposure to contemporary art where it may not otherwise be seen. Funding is available for: exhibition catalogues and brochures, publications related to the grantee organization and its programs or collections, exhibitions and installations (on- or off-site), visiting artist programs, and film projects in their final completion phase.

Art Alliance for Contemporary Glass [94024]
Deadline: 03/01/08
Funding: The sponsor has awarded over $400,000 in grants since 1991. Grants are not usually made for the full cost of the applicant's endeavor.
Objectives: Typically, the sponsor's grants support exhibitions, catalogues, brochures, videos, curatorial stipends, and residencies for visiting artists.

COMMUNITY

RGK Foundation [02523]
Deadline: Open
Scope: The sponsor supports innovative projects, without geographical limitations, in the area of Community.
Funding: While the sponsor occasionally awards grants for operating expenses, capital campaigns, endowments, and international projects, such grants are infrequent and usually initiated by the sponsor. Multi-year grants are extremely rare. The sponsor anticipates that most grants will be under $25,000.
Objectives: COMMUNITY--The sponsor supports a broad range of human services, community improvement, abuse prevention, and youth development programs. Human service programs of particular interest to the sponsor include children and family services, early childhood development, and parenting education. The sponsor supports a variety of Community Improvement programs including those that enhance non-profit management and promote philanthropy and voluntarism. Youth development programs supported by the sponsor typically include after-school educational enrichment programs that supplement and enhance formal education systems to increase the chances for successful outcomes in school and life. The sponsor is also interested in programs that attract female and minority students into the fields of mathematics, science, and technology.

Captain Planet Foundation [67603]
Deadline: 03/31/08, 06/30/08, 09/30/08
Scope: The sponsor's mission is to fund and support hands-on environmental projects for children and youth.
Funding: The range of grants awarded by the sponsor is generally $250 to $2,500. Grants for organic gardens are generally no more than $500; adopt-a-stream no more than $400.
Objectives: The objective of the program is to encourage innovative programs that empower children and youth around the world to work individually and collectively to solve environmental problems in their neighborhoods and communities. In order to be considered for funding, proposals must: promote understanding of environmental issues; focus on hands-on involvement; involve children and young adults 6-18 (elementary through high school); promote interaction and cooperation within the group; and help young people develop planning and problem solving skills.

EDUCATION

America Honda Fd. [09372]
Deadline: 02/01/08, 05/01/08
Scope: The sponsor provides grant support for projects in the areas of youth and scientific education.
Funding: Average grants range from $10,000 to $100,000 per year.
Objectives: Programs related to youth and scientific education should be: dedicated to improving the human condition of all mankind; soundly managed and administered by enthusiastic and dedicated individuals who approach their jobs in a youthful way; look to the future or foresightful programs; and innovative and creative programs that propose untried methods which ultimately may result in providing solutions to the complex cultural, educational, scientific and social concerns currently facing the American society.

RGK Foundation [02523]
Deadline: Open
Scope: The sponsor supports innovative projects, without geographical limitations, in the areas of Education.
Funding: While the sponsor occasionally awards grants for operating expenses, capital campaigns, endowments, and international projects, such grants are infrequent and usually initiated by the sponsor. Multi-year grants are extremely rare. The sponsor anticipates that most grants will be under $25,000.
Objectives: EDUCATION--The sponsor's primary interests include programs that focus on formal K-12 education (particularly mathematics, science and reading), integrating technology into curriculum, teacher development, literacy, and higher education. The Foundation is also interested in programs that attract female and minor-
ity students into the fields of mathematics, science, and technology.

**Sun Microsystems, Inc., Academic Excellence Grant Program [61268]**

**Deadline:** 05/05/08

**Scope:** The sponsor grants equipment to eligible organizations who have developed creative projects that address the sponsor's investment priorities and create partnerships for success. The primary investment priorities are higher education and kindergarten through twelve education.

**Funding:** Grants are in the form of hardware donations only.

**Objectives:** The sponsor grants equipment to eligible organizations who have developed creative projects that address the sponsor's investment priorities and create partnerships for success. Grants are awarded under the following priorities:

- **Higher Education:** including the teaching of SUN technologies, web-based learning, scientific and engineering computing, and business collaborations.
- **Primary and Secondary (K-12) Education:** including primary and secondary education and university outreach.

**NSF, Discovery Research K-12 (DR-K12) [89596]**

**Deadline:** 01/28/08

**Scope:** The sponsor provides funding to enable significant advances in K-12 student and teacher learning of the STEM disciplines through research about, and development and implementation of, innovative resources, models, and technologies for use by students, teachers, and policy makers.

**Funding:** Full research and development project funding would not exceed $4,000,000 with duration of up to five years. Exploratory projects would range from $100,000 to $150,000 per year with duration of up to three years. Synthesis project funding would not exceed $250,000 with duration of up to two years. DR-K12 Resource Network proposals are permitted to request up to $1,000,000 per year for duration of up to five years in FY 2008 only. Conference/Workshop proposals are permitted to request up to $100,000 for a duration of up to two years.

**Objectives:** The goal of the DR-K12 program is to enable significant advances in K-12 student and teacher learning of the STEM disciplines through the development and study of resources, models, and technologies. All activities funded under this solicitation must begin with a research question or hypothesis about K-12 STEM learning and teaching. Projects to develop or adapt innovative resources, models, or technologies, and demonstrate if, how, for whom, and why their implementation affects learning, are welcome. In addition, DR-K12 accepts proposals for research projects that study the implementation, role and impact of particular resources, models, and technologies on learning, with the goal of informing future design and implementation. The program supports full research and development projects, exploratory projects, synthesis projects, conferences and workshops. A DR-K12 Resource Network will also be funded. In DR-K12, resources include instructional materials (such as curriculum modules, replacement units, or supplementary materials) and instructional related materials (such as web-based materials or videos). Models comprise curricular frameworks, curricular learning progressions, teacher education or professional development program design frameworks, standards, and other guides for learning and teaching. Technologies include various, possibly yet unimagined, innovative learning opportunities such as computer software, calculator activities, labware, web-based experiences, online gaming initiatives or portable digital media activities.

**NICHD, Secondary Data Analyses Based on the NICHD Study of Early Child Care and Youth Development (R01) [83292]**

**Deadline:** 05/02/08

**Scope:** The sponsor offers support for research to address questions about family, child care, school, and child development through analyses of existing data sets from the NICHD Study of Early Child Care and Youth Development. In particular, the sponsor would like to see the data sets used by psychologists, sociologists, economists, statisticians, educators, policy makers, and physician scientists.

**Funding:** This program will use the NIH Research Project (R01) award mechanism. Applicants for an R01 may request a period of support of up to five years. Because the nature and scope of the proposed research will vary from application to application, it is anticipated that the size and duration of each award will also vary. F&A costs requested by consortium participants are not included in the direct cost limitation.

**Objectives:** This initiative is aimed at encouraging scientists to answer their research questions pertaining to family, child care, school and child development by analyzing the detailed, comprehensive and well documented longitudinal data sets from the National Institute of Child Health and Human Development (NICHD) Study of Early Child Care and Youth Development (SECCYD). The sponsor expects that the use of data sets from the NICHD SECCYD will lead to original papers by scientists with different interests, trained in different disciplines. Research questions that may be answered with data from the NICHD SECCYD pertain to many topics including, but not limited to the following: family demographic characteristics and their stability over time; family social/psychological processes and their stability over time; social processes among the sub-sample of African American families; social processes in White families; patterns of mothers’ employment when their children are infants, toddlers, preschoolers and at school; the tapestry of childcare arrangements used for infants, toddlers and older children; child-adult interaction from infancy onwards; peer interaction; specific aspects of the child-
HUMANITIES

NEH, Digital Humanities Start-Up Grants [89821]
Deadline: 04/02/08
Scope: The sponsor invites proposals for the planning or initial stages of digital initiatives in all areas of the humanities. Digital Humanities Start-Up Grants should result in plans, prototypes, or proofs of concept for long-term digital humanities projects prior to implementation.
Funding: Two levels of awards will be made in this program. Level I awards, ranging from $5,000 to $25,000, are small grants designed to fund brainstorming sessions, workshops, early alpha-level prototypes, and initial planning. Level II awards, ranging from $25,001 to $50,000, are larger grants that can be used for more fully-formed projects that are ready to start the first stage of implementation or the creation of working prototypes.
Objectives: Digital Humanities Start-Up Grants may involve: research that brings new approaches or documents best practices in the study of the digital humanities; planning and prototyping new digital tools for preserving, analyzing and making accessible digital resources, including libraries’ and museums’ digital assets; scholarship that examines the philosophical implications and impact of the use of emerging technologies; innovative uses of technology for public programming and education utilizing both traditional and/or new media; and new digital modes of publication facilitating the dissemination of humanities scholarship in advanced academic as well as informal or formal educational settings at all academic levels.

Institute of Museum & Library Services, National Leadership Grants for Libraries and Museums [59069]
Deadline: 02/01/08
Scope: National Leadership Grants support projects that have the potential to elevate museum and library practice. The Institute seeks to advance the ability of museums and libraries to preserve culture, heritage and knowledge while enhancing learning.
Funding: Generally, project activities supported by National Leadership Grants may be carried out for a period of up to 3 years, and range from $25,000 to $1,000,000 for museums and $50,000 to $1,000,000 for libraries. There is a matching requirement of one to one for requests over $250,000, except research projects. Cost sharing of at least one-third is encouraged for requests under $250,000 and for research projects. Demonstration projects are subject to nonresearch matching provisions.
Objectives: The sponsor provides support in the following categories: Advancing Digital Resources -- Building Digital Resources grants support the creation, use, preservation, and presentation of significant digital resources as well as the development of tools to manage digital assets. Projects should enhance learning and innovation by ensuring that the digital assets promote individual and community access to excellent, responsive, and pertinent museum and library resources. IMLS encourages digitization projects with item-level metadata that is harvestable with the Open Archives Initiative (OAI) Protocol for Metadata Harvesting.
Research and Demonstration -- Research and Demonstration grants support projects that have the potential to improve museum and library practice, resource use, programs, and services. Library and Museum Community Collaboration Grants -- Community Collaboration Grants are designed to create new opportunities for libraries and museums to engage with each other, and with other organizations as appropriate, to support the educational, economic, and social needs of their communities. In addition to libraries, archives, and museums, partners may include community organizations, public media, and other institutions and agencies that may help libraries and museums to better serve their communities. A partnership of at least one eligible library entity AND one eligible museum entity is required. Additional partners are encouraged where appropriate. The lead applicant must be an eligible library or museum entity and will serve as the financial agent if a grant is awarded.
Collaborative Planning Grants -- Collaborative Planning Grants are designed to enable project teams from libraries, museums, and other partner organizations to work together on a collaborative project in any of the National Leadership Grant categories. At least one of the partners must be an eligible library entity or an eligible museum entity. The lead applicant must be an eligible entity and will serve as the fiscal agent if a grant is awarded.

NEH, America's Historical and Cultural Organizations Planning Grants [93167]
Deadline: 01/23/08
Scope: The sponsor provides funding for planning grants to plan, refine, and develop the content and interpretive approach of a project.
Funding: Awards typically do not exceed $40,000. Awards of up to $75,000, however, are available for more complex projects that would have exceptionally wide reach to audiences.
through any of the following: collaboration with multiple institutional partners; wide-ranging combination of diverse formats (i.e., exhibitions, reading & discussion programs, Web sites, lecture series, symposia, neighborhood tours, curriculum guides, publications, etc); and programming at large number of venues. Awards of up to $75,000 are also available for planning for Chairman’s Special Award exhibitions. 

Objectives: Grants support traveling or long-term museum exhibitions, library-based projects, interpretation of historic places or areas, interpretive Web sites, or other project formats that creatively engage audiences in exploring humanities ideas and questions. Planning grants can be used to plan, refine, and develop the content and interpretive approach of a project. The program also supports Chairman’s Special Award projects. These are more complex projects of national visibility that would be of compelling interest to the general public, show exceptional promise of dealing with important humanities ideas in new ways and reach large audiences. These goals can be accomplished through combining a variety of program formats, forming creative collaborations among diverse institutions, and expanding of the scope and reach of the project.

NEH, America’s Historical and Cultural Organizations Implementation Grants [94862]
Deadline: 01/23/08
Scope: The sponsor provides funding for implementation grants to support traveling or long-term museum exhibitions, library-based projects, interpretation of historic places or areas, interpretive Web sites, or other program formats that creatively engage audiences in exploring humanities ideas and questions.
Funding: Awards are usually made for a period of eighteen to thirty-six months. Awards typically do not exceed $400,000. However, awards of up to $1,000,000 are available for Chairman’s Special Award projects that would have exceptional significance and exceptionally wide reach to audiences through any of the following: collaboration with multiple institutional partners; a wide-ranging combination of diverse formats (i.e., exhibitions, reading & discussion programs, Web sites, lecture series, symposia, neighborhood tours, curriculum guides, publications, etc); and programming at a large number of venues.

Objectives: Grants support traveling or long-term museum exhibitions, library-based projects, interpretation of historic places or areas, interpretive Web sites, or other program formats that creatively engage audiences in exploring humanities ideas and questions. Applications for panel exhibitions are accepted only from organizations other than museums, such as libraries or library systems. Panel exhibitions must travel beyond a single site and must also incorporate at least one other program format.

This program also supports Chairman's Special Award projects. These are more complex projects of national visibility that would be of compelling interest to the general public, show exceptional promise of dealing with important humanities ideas in new ways, and reach large audiences. These goals can be accomplished through combining a variety of program formats, forming creative collaborations among diverse institutions, and expanding of the scope and reach of the project.

NSF, Political Science [61372]
Deadline: 01/15/08
Scope: Support is generally provided to tax-exempt organizations for work in five concentrated areas of interest: science and technology; standard of living and economic performance; education and political psychology; political change, and regime transitions; domestic and international conflict; international political economy; party activism; political psychology and political tolerance. The program also has supported research experiences for undergraduate students and infrastructural activities, including methodological innovations, in the discipline.

INTERDISCIPLINARY

Sloan (Alfred P.) Foundation [00060]
Deadline: Open
Scope: Support is generally provided to tax-exempt organizations for work in five concentrated areas of interest: science and technology; standard of living and economic performance; education and careers in science and technology; selected national issues; and civics.
Funding: In the past, officer grants have ranged from $500 to $45,000, with very few toward the upper end of the range. Officer grants may not include any overhead charge.
Objectives: Grant requests can be made for support of activities related to the following areas of interest: SCIENCE AND TECHNOLOGY--supports research in various areas of scientific work, including but not limited to indoor environment; molecular evolution; theoretical neurobiology; computational molecular biology; astrophysics; limits to knowledge; and marine science.
STANDARD OF LIVING AND ECONOMIC PERFORMANCE--seeks to improve understanding of the basic forces affecting American economic
progress and the U.S. standard of living in the increasingly competitive world economy. Topics include: industry studies; business organizations; higher education as an industry; making municipal governments more responsive to their citizens; and workplace, workforce and working families.

**EDUCATION AND CAREERS IN SCIENCE AND TECHNOLOGY**--provides support for programs that strengthen education in science and technology, to increase interest in these fields, and to understand and communicate to others the nature of careers in these fields. Increasingly important are opportunities presented by electronic technologies for learning outside the classroom. This program is divided into the following sections: Anytime, Anyplace Learning; Information About Careers; Professional Science Master's Degrees; The Science and Engineering Workforce; Increasing Ph.D.s For Underrepresented Minorities; Education for Underrepresented Groups; Retention of Students in Higher Education; and Public Understanding of Science and Technology.

**SELECTED NATIONAL ISSUES**--for projects that contribute to other major issues in a way appropriate to the sponsor's expertise and size. Focus areas are: bioterrorism; and federal statistics.

**CIVIC PROGRAM**--aimed at contributing to the sponsor's home area, New York City. The program has two primary directions: the first direction is to respond to special opportunities in New York City and the second direction is to fund high-leverage projects in New York City that are related to other parts of our program.

In addition to the grants made by the Trustees, officer grants are made to enable the sponsor to respond quickly to proposals for many activities, such as workshops, symposia, and conferences.

**Horowitz Foundation for Social Policy, Grants for Research in Social Policy [90017]**

**Deadline:** 01/31/08

**Scope:** The Foundation makes targeted grants for work in major areas of the social sciences, including anthropology, area studies, economics, political science, psychology, sociology, and urban studies, as well as newer areas such as evaluation research. Preference will be given to projects that deal the contemporary issues in the social sciences and issues of policy relevance, and to scholars in the initial stages of research. Awards are allocated solely on the basis of merit.

**Funding:** The Horowitz Foundation, as of the 2007 distribution, approves approximately ten grants each year, in amounts ranging from $3,000 to $5,000 per grant. Grants are normally made for one year on a nonrenewable basis.

**Objectives:** The Horowitz Foundation provides six special awards that may be granted for certain projects. These carry an additional stipend beyond the customary amounts of a grant. The four areas are as follows:

  --Joshua Feigenbaum Award--For empirical research on policy aspects of the arts and popular culture, with special reference to mass communication.
  --Eli Ginzberg Award--For a project involving solutions to major health and welfare problems in urban settings.
  --Martinus Nijhoff Award--For policy implications of scientific, technological and medical research.
  --Robert K. Merton Award--For studies in the relation between social theory and public policy.
  --John L. Stanley Award--For a work that seeks to expand our understanding of the political and ethical foundations of policy research.

**Open Meadows Foundation [70554]**

**Deadline:** 02/15/08, 07/01/08

**Scope:** The sponsor funds projects that are designed and implemented by women and girls; reflect the diversity of the served community; promote community building power; and promote racial, social, economic and environmental justice.

**Funding:** The sponsor provides grants of up to $2,000 to cover start-up expenses or to support on-going projects.

**Objectives:** The sponsor provides grants for projects supporting and developed by older lesbians (age sixty or older).

**Monsanto Fund [65971]**

**Deadline:** 01/01/08, 03/01/08, 04/15/08, 07/01/08, 09/01/08

**Scope:** The sponsor provides support to non-profit, tax-exempt organizations in four priority areas: Improving Nutritional Well Being through Agriculture, The Environment, Science Education and Our Communities. Grants are made both within and outside the U.S.

**Funding:** The average size grant is $22,000, but can range from $250 to $1.2 million.

**Objectives:** All of the sponsor's giving falls into four priority areas that are aligned with Monsanto's business focus: Improving Nutritional Well Being through Agriculture, The Environment, Science Education and Our Communities.

Improving Nutritional Well Being through Agriculture--the sponsor is dedicated to improving nutritional well-being through projects that are rooted in agriculture. The sponsor will pursue our work through partnerships and collaborations with local, national, and international NGO's, including: training families in sustainable agriculture techniques; improving education and good nutrition through school gardens, nutrition education, and agricultural training; and enhancing the nutritional value, and reducing the impacts of pests and viruses, to subsistence crops.

The Environment--the sponsor is dedicated to environmental education and conservation of natural resources so they will continue to be available to our generation and those to come. Areas of interest include: building environmental awareness through community education, conservation projects, and enhancing water quality and wildlife.
habitat by improving agricultural practices.
Science Education—the sponsor is dedicated to the belief that the more young people understand about science, the more they will be able affect the quality of their lives in the years ahead. Particular areas of interest include: professional development for teachers; creative and innovative science education programs for elementary and early secondary students. This includes programs offered by science centers, community-based organizations or other institutions; and science outreach programs in the community.
Our Communities—the sponsor is dedicated to enhancing the communities where its people live and work. Some areas of interest include: education, arts education/experiences for disadvantaged children, and human needs/services outside the U.S.

Alcoholic Beverage Medical Research Foundation, Data Analysis
Grants [01352]
Deadline: 02/01/08
Scope: Grants support the analysis of previously collected data on the use, and prevention of misuse, of alcoholic beverages. Requests may be submitted to analyze national or regional data sets, if made available by the individual investigator. The duration is up to two years.

Funding: Approximately $2 million (U.S. funds) is available each year to fund newly approved applications and continuation of previously funded projects. Funds may be requested in U.S. or Canadian currency for a period of up to two years. Most annual awards do not exceed $50,000 (U.S.) which includes a maximum of fifteen percent indirect costs. Funds may be used for expenses related to the conduct of the approved research project, including salaries and wages, equipment, supplies, travel and other necessary expenses.

Objectives: Funds may be provided for the analysis of previously collected data. They include such major data sets in the U.S. as the various National Health and Nutrition Examination Surveys (HANES), National Health Interview Surveys (NHIS), Multiple Causes of Death, Mortality Detail, and Fatal Accident Reporting System (FARS) and, in Canada, the Canada Health Survey, Canada Health Practices Survey and Canada Social Survey. Requests may be submitted to analyze other national or regional data sets, if made available by the individual investigator. This type of grant is not intended to provide funds to analyze data previously collected by the applicant to complete a research project. The sponsor has interest in the following research topics: factors influencing transitions in drinking patterns and behavior, effects of moderate use of alcohol on health and well-being, mechanisms underlying the behavioral and biomedical effects of alcohol, and biobehavioral/interdisciplinary research on the etiology of alcohol misuse.

NSF, Economics [70160]
Deadline: 01/18/08
Scope: The sponsor supports research designed to improve the understanding of the processes and institutions of the US economy and of the world system of which it is a part.
Objectives: This program strengthens both empirical and theoretical economic analysis as well as the methods for rigorous research on economic behavior. It supports research in almost every area of economics, including econometrics, economic history, environmental economics, finance, industrial organization, international economics, labor economics, macroeconomics, mathematical economics, and public finance.

The sponsor welcomes proposals for individual or multi-investigator research projects, doctoral dissertation improvement awards, conferences, workshops, symposia, experimental research, data collection and dissemination, computer equipment and other instrumentation, and research experience for undergraduates. The program places a high priority on interdisciplinary research. The program also funds conferences and interdisciplinary research that strengthens links among economics and the other social and behavioral sciences as well as mathematic and statistics.

NSF, Scientific Computing Research Environments for the Mathematical Sciences [58868]
Deadline: 01/24/08
Scope: Support is provided to U.S. educational institutions with ongoing research programs in mathematics, applied mathematics, or statistics for the support of computing environments for research in the mathematical sciences.

Funding: Estimated program budget, number of awards, and average award/size duration are subject to the availability of funds. The net costs (after discounts) of the equipment portion should be at least $50,000. Requests to the program may be as high as $200,000 provided a case is made for substantial impact and cost-effectiveness.

Objectives: The sponsor plans a limited number of awards for the support of computing environments for research in the mathematical sciences. SCREMS Proposals are for computing environments dedicated to research in the mathematical sciences. Proposals may request support for purchase of computing equipment, and limited support for professional systems administrators or programmer personnel for research computing needs. These grants are intended to support research projects of high quality that require access to advanced computing resources. Requests for routine upgrades of standard desk-environment workstations or laptop computers are not appropriate for this program. Awards are made to provide support for specific research projects rather than to provide general computing capacity. Proposers are encouraged to include projects involving symbolic and algebraic computations and graphical representations (visualization) in aid of the research.
An Eye on Funding (Continued from page 9)

America Honda Fd. [09372]
Deadline: 02/01/08, 05/01/08
Scope: The sponsor provides grant support for projects in the areas of youth and scientific education.
Funding: Average grants range from $10,000 to $100,000 per year.
Objectives: Programs related to youth and scientific education should be: dedicated to improving the human condition of all mankind; soundly managed and administered by enthusiastic and dedicated individuals who approach their jobs in a youthful way; look to the future or foresightful programs; and innovative and creative programs that propose untried methods which ultimately may result in providing solutions to the complex cultural, educational, scientific and social concerns currently facing the American society.

NSF, Standard Grants for Social, Behavioral and Economic Sciences [20359]
Deadline: 02/01/08
Scope: Grants are awarded for research, infrastructure, or education projects in areas involving the societal dimensions of engineering, science and technology.
Funding: The maximum award, excluding indirect costs, is $300,000 for an award of two to three years' duration.
Objectives: Support is provided under four program components:
- Ethics and Values in Engineering, Science, and Technology (EVS): This component studies the ethical and value dimensions in interactions of science, engineering, technology, and society.
- History and Philosophy of Science, Engineering, and Technology (HPS): This component uses the traditions and tools of the history and philosophy of science and technology to examine the intellectual, theoretical, social-cultural, and material dimensions of science, technology and engineering.

SCIENCE

NSF, Chemistry Research Instrumentation and Facilities: Instrument Development (CRIF:ID) [77819]
Deadline: 01/22/08
Scope: The sponsor provides funds for the design and construction of instruments that will enable new chemical measurements or will significantly broaden the use of chemical instrumentation. It is anticipated that $1 million will be available to fund five to six awards with durations of up to three years.
Objectives: The sponsor encourages proposals for the design and construction of instruments of importance to the chemistry community. Specifically, the program supports the development of two categories of instrumentation: (a) innovative, state-of-the-art instrumentation that permits new kinds of measurements; and (b) new versions of instrumentation that substantially broaden access to measurement capabilities. Examples of instrument development in the first category might include ultrafast diffraction or spectroscopic measurements. In the second category the instrumentation might advance capabilities in real-time reaction monitoring, use of cyberinfrastructure, or chemistry education, as through the development of miniaturized and/or networked spectrometers.

In all cases, the major effort must focus on instrument development; simply combining off-the-shelf instrumentation does not constitute a significant development project. Although the focus should be on development or construction, research projects that utilize the finished product may be described in the final year of the proposal as a means of demonstrating wide potential impact.

NSF, Developmental Systems [91742]
Deadline: 01/12/08
Scope: The sponsor supports research aimed at understanding how interacting developmental processes give rise to the emergent properties of organisms.
Objectives: The sponsor supports research aimed at understanding how interacting developmental processes give rise to the emergent properties of organisms. A systems level approach to understanding these processes, at the molecular, cellular, and organismal levels of organization, requires the use of molecular, genetic, biochemical, and physiological techniques as well as techniques from outside biology. The Developmental Systems Cluster is also particularly interested in understanding how emergent properties result in the development of complex phenotypes and lead to the evolution of developmental mechanisms. Funding is pro-
vided in the following areas: Plant, Fungal and Microbial Developmental Systems--The Plant, Fungal and Microbial Development programmatic area supports research that addresses developmental processes in plants from algae to angiosperms, microbes and fungi. Animal Developmental Systems--Animal Developmental Systems programmatic area supports research that seeks to understand the processes that result in the complex phenotype of animals. Because different organisms may be more amenable to certain approaches than others, analyses of development in a wide range of different species are encouraged.

Evolution of Developmental Systems--The Evolution of Developmental Systems programmatic area supports research to discover the developmental processes shared by all organisms and those singular ones that produce diversity (phenotypic variation within a species and/or between species). What developmental changes have given rise to new phenotypes? How are gene networks modified to generate different phenotypic outcomes? To answer these and other evolutionary questions will likely require inter-disciplinary and collaborative approaches using a wide range of model systems.

**NSF, Engineering Design [95032]**
**Deadline:** 02/15/08
**Scope:** The sponsor provides funding for basic research in Engineering Design needed to advance our understanding of the fundamentals of the product realization process.

**Objectives:** Funding is provided for basic research in Engineering Design needed to advance understanding of the fundamentals of the product realization process. One of the challenges to the research community is to create the necessary connections between the principles of design theory and the practice of design across the broad spectrum of engineered products through the creation of new tools and methods. The focus of the program is on a holistic view of design, where the total system, life-cycle context recognizes the need for advanced understanding of the identification and definition of preferences, analysis of alternatives, effective accommodation of uncertainty in decision-making, and the relationship between data and knowledge in a digitally-supported process. Another challenge is to continue developing the basic pillars supporting design theory, creating the framework for comprehensive models starting with a clear, concise, and full statement of the purpose of the system, synthesizing and integrating across the expertise necessary for the conceptual design phase, establishing the methods and measures by which the models can be validated. Research is also necessary in the realm of "design for" capabilities, where science and engineering are brought to bear on the specific task of developing tools appropriate to a particular domain of application in design space. Current examples such as design for the environment and design for manufacturability are advancing along specific tracks, but research is needed to emphasis convergence across the pertinent domains. Looking towards the future of design methods and tools, the importance of the interface between computational capacity and human wants and experiences must be emphasized. The role of information technologies, automation and visualization, learning technologies and systems will be an increasingly important aspect of effective design practice.

**NSF, Material Design and Surface Engineering [95033]**
**Deadline:** 02/15/08, 10/01/08
**Scope:** The sponsor provides funding for research on material design and surface engineering.

**Objectives:** The Material Design and Surface Engineering program element supports generic research on links between microstructure design and control and properties, performance, and engineering of materials and surfaces for novel applications in civil and mechanical systems and components. Research is also included that expands the knowledge base on: the design of materials, coatings, and surface treatments for service under extreme conditions; tribology, corrosion, friction and wear; novel materials solutions for life-cycle design, ecomaterials, nano-technology and biomedical applications; and related model-based simulation and computational materials engineering.

**NSF, GeoEnvironmental Engineering and GeoHazards Mitigation [95038]**
**Deadline:** 02/15/08, 10/01/08
**Scope:** The research portfolio for the GeoEnvironmental Engineering and GeoHazards Mitigation (GEH) program element includes projects on geoenvironmental engineering, including physical, chemical, thermal, and biological processes that affect the properties of geologic materials; contaminant transport and hydraulic properties of geologic materials involved in surface and subsurface flow; and construction for remediation and containment of geoenvironmental contamination. The program also supports research in geological engineering and engineering geology, geotechnical earthquake engineering and strong ground motion, piping (particle erosion, transport, and deposition), scour, tsunamis (both earthquake and non-earthquake generated), landslides and debris flows.

**NSF, Mechanics and Structures of Materials [95039]**
**Deadline:** 02/15/08, 10/01/08
**Scope:** The sponsor provides funding for research on mechanics and structures of materials.

**Objectives:** The program element supports research on computational, theoretical, analytical, and experimental solid mechanics, model-based simulation and constitutive models; and the link of microstructure to nano-,
and macro-scale structural behavior. The program also supports experimen-
tal and analytical research on deformation, fatigue, and fracture and underly-
ing nano- and micro-structural states and their origin, transformation and evolution.

**NSF, Ocean Technology and Inter-
disciplinary Coordination [95040]**

**Deadline:** 02/15/08, 08/15/08

**Scope:** The sponsor provides funding for a broad range of research and develop-
ment activities regarding ocean technology and interdisciplinary activities.

**Objectives:** The program supports a broad range of research and technology development activities. Unsolicited proposals are accepted for instrumenta-
tion development that has broad applic-
ability to ocean science research pro-
jects and that enhance observational, experimental or analytical capabilities of the ocean science research commu-
nity.

**NSF, Perception, Action and Cogni-
tion [61300]**

**Deadline:** 01/15/08

**Scope:** Support is provided for research in perception, action and cognition.

**Objectives:** The sponsor supports research on perception, action and cognition including the development of these capacities. Emphasis is on research strongly grounded in theory. Research topics include vision, audition, haptics, attention, memory, reasoning, written and spoken discourse, motor control, and developmental issues in all topic areas. The program encompasses a wide range of theoretical perspectives, such as symbolic computation, connectionism, ecological, nonlinear dynamics, and complex systems, and a variety of methodologies including both experi-
mental studies and modeling. Research involving acquired or develop-
mental deficits is appropriate if the re-
results speak to basic issues of percep-
tion, action, and cognition.

**NSF, Geography and Regional Sci-
ence [61299]**

**Deadline:** 01/15/08, 02/15/08

**Scope:** Support is provided for research in geography and regional science.

**Objectives:** The sponsor supports basic research on the geographic distribu-
tions and interactions of human, physi-
cal, and biotic systems on the Earth’s surface. Investigations are encouraged into the nature, causes, and conse-
quences of human activity and natural environmental processes across a range of scales. Projects on a variety of topics (both domestic and international) qual-
ify for support if they offer promise of contribut-
ing geographical knowledge, concepts, theories, methods, and their application to societal problems and concerns. Sup-
port also is provided for projects that explicitly integrate undergraduate and graduate education into the overall re-
search agenda.

**NSF, Physiological and Structural Systems [91741]**

**Deadline:** 01/12/08

**Scope:** The sponsor supports research aimed at furthering the understanding of organisms as integrated units of biological organization.

**Objectives:** The sponsor supports research aimed at furthering the under-
standing of organisms as integrated units of biological organization. The Cluster considers proposals focused on interacting physiological and structural systems, their environmental and evo-
lutionary contexts, and how these com-
ponents are constrained by their inte-
gration into the whole organism. Pro-
jects that use systems approaches to understand why particular patterns of architecture and regulatory control have emerged as general organismal properties are particularly encouraged. Understanding how and why emergent organismal properties such as robustness, adaptability and resilience arise in the context of environmental, genetic, biochemical and morphological varia-
tion are of interest. The Cluster encour-
ges model building to augment tradi-
tional experimental approaches in order to guide research on complex func-
tional networks. Multidisciplinary ap-
proaches to the study of organismal systems including research at the inter-
faces of biology, physics, chemistry, mathematics, computer science and en-
ingineering are encouraged in each of the following areas: Symbiosis, De-
fense and Self-Recognition--This pro-
grammatic area supports research on the processes and structures that medi-
ate intimate interactions between two or more organisms. Proposals are en-
couraged that focus on the dynamics of initiation, dissolution and stability of these complex associations through studies of underlying processes of commu-
nication, immunological recognition and signaling, feedbacks, and reciproc-
ual responses between interactors. All aspects of symbiosis, including com-
mensals, mutualisms, parasitism and host-pathogen interactions are in-
cluded.

Processes, Structures and Integrity--
The focus of this programmatic area is on understanding the unity of organ-
isms as complex systems through studies of coherent, structural and func-
tional properties and interactions. Sys-
tems approaches that predict or reveal the nature of coordination among func-
tional processes and/or structural com-
ponents as a means to further the un-
derstanding of organismal integrity and emergent properties are particularly encouraged.

Organism-Environment Interactions--
The focus of this programmatic area is on the structures and processes that af-
fect organismal performance and inter-
actions during routine changing, or stressul abiotic environmental condi-
tions. The program seeks proposals aimed at understanding how interac-
tions among genetic, biochemical, mor-
phological and physiological processes result in integrated organismal re-
sponses. Increasing emphasis is placed on understanding how and why such interactions result in emergent prop-
ties such as adaptability, plasticity, and robustness (i.e., both resistance and resil-
ience). Special emphasis is placed on projects that adopt systems ap-
proaches, including quantitative and qualitative analysis, theoretical models and prediction to understand the dynamics and control of organismal responses to the environment from near term to evolutionary time frames.

**NSF, Research Initiation Grants and Career Advancement Awards to Broaden Participation in the Biological Sciences [82929]**

**Deadline:** 1/12/08  
**Scope:** The sponsor offers Research Initiation Grants and Career Advancement Awards for the purpose of broadening the participation of scientists and groups underrepresented in the biological sciences in the U.S. Up to $7 million is available to fund twenty-five to forty awards.  
**Funding:** The sponsor expects to invest from $4,000,000 to $7,000,000 beginning in FY 2008. The duration for these awards is twenty-four months. They are limited to a maximum of $150,000 in total (direct plus indirect) costs with a possible addition of up to $25,000 for equipment. Durations may be longer, if circumstances warrant and are justified.  
**Objectives:** The purpose of each program is to increase opportunities for scientists and engineers who are members of groups underrepresented in biology to become actively and competitively engaged in research as independent investigators, and, by doing so, to create new research opportunities for students from underrepresented groups. These grants are intended to increase the diversity of researchers who apply for and receive BIO funding to: initiate research programs early in their careers, and advance their careers by adding new approaches or directions to their on-going research programs. By providing these funding opportunities, the sponsor intends to further broaden participation of biological researchers who share NSF’s commitment to diversity in the following ways: expand the population of role models who will interact with an increasingly diverse student population, the workforce of the future; increase the number of scientists at minority serving institutions actively and competitively engaged in research as independent investigators, thereby creating new research opportunities for students from under-represented groups; and fund biological research projects that use innovative ways to attract and retain members of under-represented groups to careers in biology.

**NSF, Developing Global Scientists and Engineers [79930]**

**Deadline:** 02/15/08  
**Scope:** The sponsor provides support for international research and education for early career stages of scientists and engineers, i.e., as undergraduates and graduate students. It is anticipated that $900,000 will be available to fund twenty awards.  
**Funding:** Anticipated annual funding for FY2006 and subsequent years is estimated as: International Research Experiences for Students (IRES): up to ten awards, $800,000; Doctoral Dissertation Enhancement Projects (DDEP): ten awards, $100,000. Indirect costs are allowed for International Research Experiences for Students proposals.  
**Objectives:** Support is provided under two activity areas:  
- **International Research Experiences for Students:** The sponsor accepts proposals to develop opportunities to introduce small groups of U.S. undergraduate and/or graduate students to foreign science and engineering in the context of a research experience which will also provide personal contacts on which to build future international collaboration. The goal is to provide U.S. student participants with a global perspective and opportunities for professional growth through international cooperative research training, networking and mentoring. Proposals are accepted from academic research institutions, professional societies, or consortia on behalf of a small group of students in a particular field, and proposals involving more than one institution are encouraged.  
- **Doctoral Dissertation Enhancement Projects:** supports dissertation research conducted by graduate students at a foreign site. Students are expected to work in close cooperation with a host country institution and investigator. Eligible students should be U.S. citizens or permanent residents enrolled in Ph.D. programs at U.S. institutions. Students from developing countries who are enrolled in Ph.D. programs at U.S. institutions may also apply, but preference is given to qualified U.S. applicants.

**NSF, Division of Environmental Biology--Population and Evolutionary Processes [79421]**

**Deadline:** 01/09/08  
**Scope:** The sponsor provides support to researchers for projects that are focused on measures of population properties and understanding processes that lead to variation within and between populations.  
**Objectives:** The sponsor provides support to researchers for projects that are focused on measures of population properties and understanding processes that lead to variation within and among populations. Approaches include empirical and theoretical studies of micro-evolution, organismal adaptation, geographical differentiation, natural hybridization and speciation, as well as processes that lead to macroevolutionary patterns of trait evolution. Research areas include:  
- **Population Dynamics:** Studies of the demography of age- and stage-structured populations and of changes in populations, using analytic, stochastic, or statistical approaches.  
- **Evolutionary Ecology:** Studies of single species from an ecological and evolutionary perspective including: life history and life cycle phenomena of terrestrial, freshwater, and wetland organisms; patterns of natural and sexual selection; causes and consequences of reproductive isolation; phyleography; and single-lineage phyletic evolution.  
- **Evolutionary Genetics:** Studies of population and quantitative genetics;
how micro- and macro-evolutionary processes, including epigenetics and development, explain the evolution of complex phenotypes. Molecular Population Biology: Studies of the causes and consequences of variation, change, selection, and evolution of biochemical characteristics, RNA and DNA sequences, and mobile elements; how the properties of genes (number, arrangement, and pattern) and their interactions determine evolutionary processes; the evolution of genetic architecture; and evolutionary genomics.

Kazanjian (Calvin K.) Economics Foundation, Inc. [54697]
Deadline: 02/15/08
Scope: Support is provided to nonprofit organizations for proposals and projects with national impact having to do with economic education research.
Objectives: While the sponsor has a vital interest in the overall efforts to increase economic literacy, the Board of Trustees will give special attention to proposals and projects with national impact that address the following issues: Programs that raise various public's participation in economic education and/or create a demand for greater economic literacy; The application of new strategies for teaching economics including on-line and web-based instruction; Projects, policy studies, or programs that encourage measurement of economic understanding more often and/or more effectively; and Programs that help otherwise disenfranchised youth and/or young adults with children learn to participate in the economic system.

NSF, Plant Genome Research Program [37648]
Deadline: 01/21/08
Scope: The sponsor provides support for basic research in plant genomics, and to accelerate the acquisition and utilization of new knowledge and innovative approaches to elucidate fundamental biological processes in plants. The focus is on plants of economic importance and plant processes of potential economic value.
Funding: Approximately $15 million is available to fund fifteen to thirty new awards in FY 2007.
Objectives: Three kinds of activity will be supported in FY 2007 and FY 2008: Genome-Enabled Plant Research (GEPR) awards to tackle major unanswered questions in plant biology on a genome-wide scale, Transferring Research from Model Systems (TRMS) to apply basic biological findings made using model systems to studying the basic biology of plants of economic importance, and Tools and Resources for Plant Genome Research (TRPGR) awards to support development of novel technologies and analysis to enable discovery in plant genomics.

NSF, Interdisciplinary Grants in the Mathematical Sciences [33703]
Deadline: 02/19/08
Scope: The sponsor provides support to enable mathematical scientists to undertake research and study in another discipline so as to: expand their skills and knowledge in areas other than the mathematical sciences; subsequently apply this knowledge in their research; and enrich the educational experiences and broaden the career options of their students.
Funding: Up to ten awards will be made, for amounts not exceeding $100,000. The duration of the award will be for a twelve month period.
Objectives: The sponsor provides support to enable mathematical scientists to undertake research and study in another discipline so as to: expand their skills and knowledge in areas other than the mathematical sciences; subsequently apply this knowledge in their research; and enrich the educational experiences and broaden the career options of their students.

SOCIAL / BEHAVIORAL

NSF, Complexity and Interacting Systems in the Social, Behavioral and Economic Sciences [95044]
Deadline: 01/15/08, 07/15/08
Scope: The sponsor plans to augment funding in its regular programs in order to encourage submission of proposals that advance understanding of complexity and interacting systems phenomena in SBE fields.
Objectives: Topics might include, but are not limited to: projects that advance understanding of emergent phenomena in behavioral and social systems, such as the emergence of creative breakthroughs in a scientist or artist; or of major structural shifts in the history of language; or of skilled behaviors like walking or talking; or of norms in a fictional online community; projects that examine stability and transformation in behavioral and social systems, such as the political systems tipping from stability to instability; a sudden cascade of suicidal behavior in a population of teenagers; or stability in the face of strong perturbations, such as the resilience of communities faced with serious natural disasters; projects examining complex interdependent, multi-scale and emergent behavioral, neural, cognitive, or social phenomena by building on, for example, scaling analyses; recurrence quantification; graph-theoretic, time-series, or symmetry-group techniques; and advances in theory and methods to validate results from models or simulations of complex systems.
Prospective SBE complexity proposals can involve data from field, lab or simulations. Proposals may, when submitted through our Science and Technology Studies Program, examine philosophical, sociological, ethical or policy implications of complexity in SBE fields.
An Eye on Funding (Continued from page 14)

NSF, Behavioral Systems [91747]
Deadline: 01/12/08
Scope: The sponsor supports research on the development, function, mechanisms and evolutionary history of behavior, with emphasis on a vertically integrated understanding of the behavioral phenotype.
Objectives: The sponsor supports research on the development, function, mechanisms, and evolutionary history of behavior, with emphasis on a vertically integrated understanding of the behavioral phenotype. To foster this integrative goal, the sponsor specifically encourages projects that seek to understand how combinations of neural, hormonal, physiological, and developmental mechanisms act synergistically as a system from which behavior emerges.

NSF, Methodology, Measurement and Statistics-General Research and Infrastructure Activities [76933]
Deadline: 01/16/08
Scope: The sponsor supports the development of innovative methods and models for the social and behavioral sciences.
Objectives: The sponsor supports a broad portfolio of research and infrastructure activities that fall within the following areas:
The development, application, and extension of formal models and methodology for social and behavioral research, including methods for improving measurement. The proposed research must have implications for one or more of the social and behavioral sciences.
The development of formal models that cross traditional disciplinary boundaries, including research on statistical methodology or statistical modeling having direct implications for one or more of the social and behavioral sciences.
Research on methodological aspects of new or existing procedures for data collection, including methodology for survey research, and research to evaluate or compare existing data bases and data collection procedures.
The collection of unique databases with cross disciplinary implications, especially when paired with developments in measurement or methodology.
The organizational infrastructure of social and behavioral research.

NIH, Methodology And Measurement in The Behavioral And Social Sciences (R03) [87761]
Deadline: 02/16/08
Scope: The sponsor offers support for research that will improve the quality and scientific power of data collected in the behavioral and social sciences, relevant to the missions of the participating NIH Institutes and Centers. Research that addresses methodology and measurement issues in diverse populations, issues in studying sensitive behaviors, issues of ethics in research, issues related to confidential data and the protection of research subjects, and issues in developing interdisciplinary, multimethod, and multilevel approaches to behavioral and social science research is particularly encouraged, as are approaches that integrate behavioral and social science research with biological, physical, or computational science research or engineering. This program will use the NIH Small Research Grant (R03) award mechanism.
Funding: This program will use the NIH Small Research Grant (R03) award mechanism. Applications submitted in response to this announcement must be submitted electronically through Grants.gov, using the SF424 Research and Related (R&R) forms and SF424 (R&R) Application Guide. Applicants may request a project period of up to two years and budget for direct costs of up to $50,000 per year. Because the nature and scope of the proposed research will vary from application to application, it is anticipated that the size and duration of each award will also vary. F&A costs requested by consortium participants are not included in the direct cost limitation.
Objectives: This program announces support for research defined by these areas, applicants are particularly encouraged (but are not required) to consider studies that address one or more of the following key issues:
Methodology and measurement issues in developing innovative interdisciplinary, multimethod, and multilevel research designs for use in behavioral and social science research, with special emphasis on both developing new technologies and addressing the analytical complexities associated with the integration of behavioral, social, and biological data.
Methodology and measurement issues in research relating to diverse populations, for example, populations that are distinctive by virtue of age, gender, sexual orientation, ethnicity, culture, including culture-specific medical systems, socio-economic status, literacy, language, or disability.
Methodology and measurement issues in studying how dramatic changes in economic, social, environmental, physical, or political context affect human health and well-being, including developing new methods if older ones are no longer valid in the face of significant changes in populations and societies over the last several decades.
Methodology and measurement issues in studying potentially sensitive behaviors, such as sexual behavior and abortion, and covert or illegal behaviors such as drug use, abuse, and violence.
Methodology and measurement issues concerning ethics in research, with emphasis on the topics of informed consent, assessment of risk and benefit, and selection and retention of subjects, and ensuring subjects’ confidentiality.

NSF, Sociology [25922]
Deadline: 01/15/08, 02/15/08
**Scope:** Support is provided to universities and colleges, nonprofit, non-academic organizations, for-profit organizations, state and local governments, and unaffiliated individuals for research in sociology.

**Objectives:** The sponsor supports basic research on all forms of human social organization--societies, institutions, groups and demography--and processes of individual and institutional change. The program encourages theoretically focused empirical investigations aimed at improving the explanation of fundamental social processes. Included is research on organizations and organizational behavior, population dynamics, social movements, social groups, labor force participation, stratification and mobility, family, social networks, socialization, gender roles, and the sociology of science and technology. The program supports both original data collections and secondary data analysis that use the full range of quantitative and qualitative methodological tools.

**NIH, Social and Cultural Dimensions of Health (R01) [64329]**
**Deadline:** 01/07/08

**Scope:** The sponsor offers support for research grant applications to: elucidate basic social and cultural constructs and processes used in health research; clarify social and cultural factors in the etiology and consequences of health and illness; link basic research to practice for improving prevention, treatment, health services, and dissemination; and explore ethical issues in social and cultural research related to health. The R01 award mechanism will be used.

**Funding:** This program will use the NIH Research Project (R01) award mechanism. Applications submitted in response to this announcement must be submitted electronically through Grants.gov, using the SF424 Research and Related (R&R) forms and SF424 (R&R) Application Guide. Because the nature and scope of the proposed research will vary from application to application, it is anticipated that the size and duration of each award will also vary. F&A costs requested by consortium participants are not included in the direct cost limitation.

**Objectives:** The goal of this PA is to encourage development of health research that integrates knowledge from the biomedical and social sciences. This involves the further development of health-related social science research relevant to the missions of the NIH Institutes and Centers (ICs) and the development of multi- or interdisciplinary research that blends the theories and approaches of the social and biomedical sciences. This program announcement invites applications for research on the social and cultural dimensions of health in five areas: basic social and cultural constructs and processes used in health research; etiology of health and illness; consequences of poor health for individuals and social groups; linking science to practice to improve prevention, treatment, health services, and dissemination; and ethical issues in social and cultural research.

**NSF, Methodology, Measurement, and Statistics--Research on Survey and Statistical Methodology [46024]**
**Deadline:** 01/16/08

**Scope:** The sponsor supports research to further the development of new and innovative approaches to surveys and analysis of survey data.

**Objectives:** The sponsor invites research proposals that further the development of new and innovative approaches to surveys and to the analysis of survey data. Although proposals submitted in response to this announcement may address any aspect of survey methodology, priority will be given to basic research proposals that are interdisciplinary in nature, have broad implications for the field in general, and have the greatest potential for creating fundamental knowledge of value to the Federal Statistical System. Because methodological problems often require knowledge and expertise from multiple disciplines, collaborations are especially encouraged among the relevant sciences, including the social sciences, linguistics, cognitive science, statistics, computer science, and economics.

**NSF, General Social Survey (GSS) Competition [95011]**
**Deadline:** 02/18/08

**Scope:** The sponsor invites investigators who possess the theoretical, methodological, measurement, and managerial skills, as well as institutional resources, to undertake a large-scale survey data collection project to submit proposals to conduct the General Social Survey (GSS) and the International Social Survey Program (ISSP) United States surveys.

**Funding:** The sponsor will award in the range of $10 million and at most $15 million, over four years (approximately $2.5 million, but not more than $3.75 million per year) to support data collection and dissemination activities.

**Objectives:** The sponsor invites investigators who possess the theoretical, methodological, measurement, and managerial skills, as well as institutional resources, to undertake a large-scale survey data collection project to submit proposals to conduct the General Social Survey (GSS) and the International Social Survey Program (ISSP) United States surveys. The (GSS) is a personal interview survey that collects data on a wide range of topics: behavioral items such as group membership and voting; personal psychological evaluations, including measures of happiness, misanthropy, and life satisfaction; attitudinal questions on such public issues as abortion, crime and punishment, race relations, gender roles, and spending priorities; demographic characteristics of respondents and their parents. The basic GSS design is a repeated cross-sectional survey of a nationally representative sample of non-institutionalized adults who speak either English or Spanish. The GSS is a ninety-minute in-person interview, with forty-five minutes devoted to the core items, fifteen minutes to questions selected as part of the ISSP, and thirty...
minutes allocated to topical modules. The "core" consists of questions that regularly appear on the GSS, allowing long-term comparisons. The topical modules are used to introduce new topics not previously investigated by the GSS and to cover existing topics in greater detail. The topical modules are currently supported by external funding secured by the principal investigator (PI).

**NSF, Standard Grants for Social, Behavioral and Economic Sciences [20359]**

**Deadline:** 02/01/08

**Scope:** Grants are awarded for research, infrastructure, or education projects in areas involving the societal dimensions of engineering, science and technology.

**Funding:** The maximum award, excluding indirect costs, is $300,000 for an award of two to three years' duration.

**Objectives:** Support is provided under four program components:

- **Ethics and Values in Engineering, Science, and Technology (EVS):** This component studies the ethical and value dimensions in interactions of science, engineering, technology, and society. Projects appropriate for this component examine normative issues in the conduct of science and engineering as well as the way in which ethics and values in the wider society influence science and engineering, and how norms and values institutionalized in science and engineering influence society.

- **History and Philosophy of Science, Engineering, and Technology (HPS):** This component uses the traditions and tools of the history and philosophy of science and technology to examine the intellectual, theoretical, social-cultural, and material dimensions of science, technology and engineering. This program component is designed to support proposals that are primarily reflective, analytical, and interpretive about the scientific and engineering enterprise today and as it has existed in the past.

**NIH Lead Study**

(Continued from page 1)

This award, which is designed as a recognition of a career of significant accomplishment in scholarly or creative activity or research, may be received only once.

Nominations for the award will be accepted from colleagues until January 31, 2008.

The nominator is responsible for obtaining a copy of the Selection Criteria and Procedures from the department office or the Office of Research and Sponsored Programs and preparing the candidates’ support file.

The Provost’s Award shall be under the auspices of the Scholarly and Creative Activity Committee (SCAC) of the college.

The selection committee (see IV.B.1 below) will screen these nominations, and it will send a short list, together with supporting data and material to the President via the Provost of the college.

The President will select the person(s) to receive the award from the committee’s short list.

For complete information on both of these awards, visit the ORSP web site at [http://www.oswego.edu/administration/ORSP/](http://www.oswego.edu/administration/ORSP/)

**President’s & Provost Awards**

(Continued from page 2)

Oswego Hospital, Ed Hale, chemistry supervisor at Oswego Hospital, and Barbara Samson, a senior phlebotomist for the lab, who will draw the blood samples from 100 children from the greater Oswego area. About 25 of the children will come from the Hispanic community, Gump said.

He noted that the grant is specifically designed to increase undergraduates' participation in research. Two SUNY Oswego students will join the project next summer, he said.

The new study will seek to confirm Gump's earlier findings with smaller groups of subjects that lead affects cardiovascular functioning in children, and it will consider how the children's socioeconomic status relates to these effects.

Further, it will seek to determine how lead produces its effects, in part by using the college's Molecular Biology and Biochemistry Center to analyze mediators of the cardiovascular system in blood samples and the Mass Spectrometry and Proteomics Center to determine if lead has an effect on the hundreds of proteins in the blood.

Gump credited Morgan of Oswego Family Physicians and Samson and the chemistry staff at Oswego Hospital's laboratory for their "invaluable help" both in the previous smaller studies and in the current project.

If children, 9 or 10 years old, are interested in participating in the study, their parents may contact project manager Amy Dumas at 312-2904. "We are particularly interested in gaining the participation of Hispanic children," Gump said. Participants each receive $100.

(Posted Jul 09, 2007 in Campus News)
The Office of Research and Sponsored Programs (ORSP) is responsible for the development, coordination and financial management of all contracts and grants at the College. All externally sponsored projects for research, scholarly / creative activity, curriculum development or services utilizing SUNY Oswego facilities and / or personnel must be processed and administered through ORSP.

A project is externally sponsored if a grant or contract is awarded to the College in support of a specific activity. For example, external sponsors consist of federal and state agencies, private foundations, business and industrial enterprises, local and state governments and professional organizations. Sponsored projects include, but are not limited to, research, conferences, curriculum development, workshops, meetings, special events and scholarly and creative activities.

ORSP Pre-Award Services Available

1) Maintain a faculty/staff profile of research and special projects interests
2) Match faculty/staff projects with potential sponsors
3) Notify faculty/staff of funding opportunities appropriate to their interests
4) Maintain a current resource collection of funding sources
5) Obtain guidelines and application forms
6) Assist with interpretation guidelines and preparation of agency forms
7) Provide technical and editorial critique of proposals
8) Discuss budget categories and provide assistance with the development of an appropriate inclusive budget
9) Assist with the development of competitive proposals
10) Submit assurance reports and policies to maintain an approved institutional animal care and use committee and human subject committee in compliance with state and federal procedures
11) Review of final application
12) Obtain administrative approvals
13) Submit proposals by mail or electronically per sponsor specifications
14) Negotiate grant awards and contracts
15) Establish a Research Foundation project account

ORSP Pre-Award works in conjunction with other campus resources such as Penfield Library, Instructional Computing Center, Learning Resources, Center for Excellence in Learning and Teaching to provide necessary services to project activity and appropriate reimbursements. It is essential that Project Directors discuss their anticipated needs during budget development prior to proposal submission to ensure adequate funds are allocated for these campus services.

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