Edward O'Shea, a professor of English at SUNY Oswego, will direct a National Endowment for the Humanities Summer Institute for College and University Teachers on the eminent Irish poet William Butler Yeats next summer.

The NEH has awarded him a grant of $175,693 to run the four-week program in Ireland, which features a distinguished international faculty of Yeats scholars. It is one of just 12 NEH summer institutes for college faculty funded for 2008.

O'Shea has previously conducted six NEH summer seminars on Yeats for high school teachers. The 2008 program will be his first institute, a larger program aimed at fellow professors and focusing on the latest scholarship.

Titled "W.B. Yeats: A Reassessment," the institute will draw on new resources available only in the last 20 years, such as new biographies of Yeats and his family and new editions of the poet's vast writings, which include plays, criticism and letters, in addition to poetry.

Participants will study with eight Yeats scholars from the United States, Ireland, Canada and Great Britain. In addition to O'Shea, author of two books on Yeats, they are Daniel Albright of Harvard University, author of "The Myth Against Myth: A Study of Yeats's Imagination in Old Age"; Brian Arkins of the National University of Ireland, Galway, author of a book on Greek and Roman themes in Yeats; Terence Brown of Trinity College, Dublin, author of a critical biography of Yeats; Margaret Mills Harper of Georgia State University, Atlanta, author of a book on the literary and spiritual collaboration of Yeats and his wife; William O'Donnell of the University of Memphis, editor of three volumes in the Collected Works of W.B. Yeats; James Pethica of Williams College, who is writing the authorized biography of Yeats associate Lady Gregory; and Ann Saddlemyer of the universities of Toronto and Victoria, author of the authorized biography of Yeats' wife.

(Continued on page 3)
**Campus News—Campus Grants due in February**

**Scholarly and Creative Activity Grants (SCAC)**

This program is designed to provide support for faculty and staff in the development of their research or creative activity programs. Projects that are expected to result in peer-reviewed output or to have significant impact on local/campus community will get priority.

**DEADLINE:** Your proposal must be complete, signed by you, and turned in to your department chair by February 4, 2008. It is the responsibility of your chair to do his/her part within the specified time and deliver it to your dean.

**Student/Faculty Collaborative Challenge Grants – 2008-2009**

There is $7,500 available to provide up to three awards of $2,500 each for faculty collaborating with undergraduate students on professional scholarly or creative projects. Funds may be used to purchase needed supplies and equipment, travel to conduct the project or disseminate results, or cover other expenses related to the project.

The purpose of the Challenge Award program is to promote and support true student/faculty scholarly collaboration. It is not the goal of the program to fund research assistants, but rather to assist faculty in providing motivated students with graduate level scholarly and creative experiences. Successful applicants will be engaged in an ongoing project with one or more undergraduates who participate in a direct and meaningful way in every stage of the project from initial conception to dissemination of results. As a condition of this award, results must be submitted to a national or regional conference and presented at QUEST.

**DEADLINE:** Your proposal must be complete, signed by you, and turned in to your department chair by February 4, 2008. It is the responsibility of your chair to do his/her part within the specified time and deliver it to your dean.

For complete information visit the web site. [http://www.oswego.edu/administration/provost/faculty_grants.html](http://www.oswego.edu/administration/provost/faculty_grants.html)

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**Campus Grants Timeline**

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

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The institute will be based at the National University of Ireland, Galway, with one week at the Yeats International Summer School in Sligo and a weekend in Dublin to see a major exhibition at the National Library of Ireland called "W.B. Yeats, Works and Days."

In addition, each week will include a field trip to relevant sites, such as Coole Park and Yeats' tower, Thoor Ballylee. "We will read and discuss informally selected Yeatsian texts at each of these sites," O'Shea said. "A sense of place is crucial for understanding Yeats, especially his 'Tower' poems."

Twenty-five college and university faculty members will be competitively selected for the institute. They will each receive a stipend of $3,000 to cover basic expenses.

Complete information on the institute is available online at http://www.yeatsinstitute.org/.

(Courtesy of Campus Update, Vol. 19, #7, Nov. 14, 2007.)

William Butler Yeats (1865-1939) was born in Dublin. His father was a lawyer and a well-known portrait painter. Yeats was educated in London and in Dublin, but he spent his summers in the west of Ireland in the family's summer house at Connaught. The young Yeats was very much part of the fin de siècle in London; at the same time he was active in societies that attempted an Irish literary revival. His first volume of verse appeared in 1887, but in his earlier period his dramatic production outweighed his poetry both in bulk and in import. Together with Lady Gregory he founded the Irish Theatre, which was to become the Abbey Theatre, and served as its chief playwright until the movement was joined by John Synge. His plays usually treat Irish legends; they also reflect his fascination with mysticism and spiritualism. The Countess Cathleen (1892), The Land of Heart's Desire (1894), Cathleen ni Houlihan (1902), The King's Threshold (1904), and Deirdre (1907) are among the best known.
ARTS

Newcomb College Center for Research on Women, Travel-To-Collections Grants [76290]
Deadline: 03/31/08
Scope: Each year the Newcomb Archives awards two Travel-to-Collections Grants of $600 each to scholars wishing to conduct research in the Newcomb Archives.
Eligibility: Applications are invited from graduate students for research towards M.A., Ph.D. or other post graduate degrees; faculty members working on research projects; or independent scholars working on nonprofit projects.
Objectives: Preference is given to researchers interested in Newcomb pottery; the lives of artists educated at Newcomb, particularly Sadie Irvine, Harriet Joor, or Juanita Mauras; or the life courses of educated women during the 1900-1950s.

Art Alliance for Contemporary Glass [94024]
Deadline: 03/01/08
Scope: The mission of the sponsor is to further the development and appreciation of art made from glass. Grants are made to arts organizations in support of specific educational purpose, with preference given for grants in which the focus is education of the public (as opposed to education of artists, curators, etc.).
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, catalogs, brochures, videos, curatorial stipends, and residencies for visiting artists.

Mid Atlantic Arts Foundation, ArtsCONNECT [91948]
Deadline: 03/24/08
Scope: ArtsCONNECT provides access to high quality live performing arts engagements to audiences across the mid-Atlantic region. The program also encourages a deeper understanding of artists’ work through support of activities that enhance the concert experience.

Meet the Composer, Inc., Creative Connections [70702]
Deadline: 04/01/08, 06/01/08, 10/01/08
Scope: The sponsor provides support for American composers to participate in public activities related to specific performances of their original music. By supporting the composer's interaction with audiences, the sponsor aims to increase awareness and enhance the creative artist's role in society.
Funding: Award amounts range from $250 to $5,000 and are based on the level, extent and originality of the composer activities described in the application.

EDUCATION

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.

**HUMANITIES**

**NHC, Summer Institutes in Literary Studies [71706]**

**Deadline:** 03/07/08

**Scope:** The sponsor will offer two seminars on literary understanding. Open to scholars who have received a Ph.D. within the last ten years and who teach in departments of literature or other relevant disciplines, the seminars will concentrate on the detailed operations of literary texts.

**Funding:** Participation in an institute carries a stipend of $1,500. The sponsor will cover the cost of travel, lodging, meals and texts.

**Objectives:** Each institute will combine extensive seminar discussion with small group work and individual consultation with the seminar leader. In 2008, topics of study include Chaucer: Past, Present and Future; and Forms of Life in Emily Dickinson's Poetry.

**NCEEER, Title VIII Short-Term Travel Grants for Research in Central Asia, the Caucasus and the Balkans [81004]**

**Deadline:** 04/14/08

**Scope:** The sponsor offers support for travel grants to facilitate research on Central Asia, the Caucasus and the Balkans.

**Funding:** fellowships provide a maximum award of $3,000.

**Objectives:** Short-term travel grants are individual grants to scholars or researchers which may be used for up to two months for the following purposes: enabling scholars and researchers to get quick access to research resources in the relevant subregions; use the travel grant for refresher visits on particular topics for already established research work; research planning with colleagues from the subregions on broader multi-year projects already funded or to be funded by other sources; creation of databases or research aids such as archival guides; and on an exceptional basis, inviting scholars or researchers from the subregions to the United States for conferences special collaborative research opportunities.

The program is meant to support research that is relevant to United States policy towards Central Asia, the Caucasus and the Balkans. Applicants may apply a broad definition of "policy relevance." Research that is "policy relevant" does not necessarily need to focus directly on a matter of current and intense concern to U.S. government policy makers. Projects in fields such as history, popular culture and other matters that may be outside the immediate purview of government officials are eligible for funding, as long as the applicant explains convincingly why the research is relevant at some level, even indirectly, to the formation of policy.

**NSF, International Research and Education: Planning Visits and Workshops [79941]**

**Deadline:** 02/20/08, 05/20/08

**Scope:** The sponsor supports the early phases of developing and coordinating a research and education activity with a foreign partner(s).

**Funding:** Support for workshops will be for a maximum of two years and a maximum total budget of $60,000 over the duration of the award. Support for planning visits will be for a maximum of two years and a maximum total budget of $20,000 over the duration of the award. Support is primarily for travel and subsistence expenses for U.S. participants. An administrative allowance, limited to ten percent of direct costs, is allowed for International Planning Visit/Workshop Awards in lieu of indirect costs.

**Objectives:** Support is provided for the following:

Planning visits to assess foreign facilities, equipment, or subjects of research, and to have detailed discussions with prospective foreign partners to finalize plans for cooperative research. Visits typically range from seven to fourteen days.

Joint workshops designed to identify common research priorities, focused on a specific, well-defined area of research collaboration. U.S. and international co-organizers collaboratively design the agenda around a disciplinary or interdisciplinary theme, and invite individuals who will uniquely contribute to the workshop's objectives. Workshops may be held at either a U.S. or foreign location. Workshop results should include recommendations to the research community about possible areas for future collaboration and should be broadly disseminated. The pool of U.S. participants should include junior researchers, women and members of underrepresented groups, and, where appropriate, graduate and/or undergraduate students.

**Advancing Knowledge: The IMLS/NEH Digital Partnership [91058]**

**Deadline:** 03/18/08

**Scope:** The Institute of Museum and Library Services (IMLS) and the National Endowment for Humanities (NEH) invite proposals for innovative, collaborative humanities projects using the latest digital technologies for the benefit of the American public, humanities scholarship, and the nation's cultural institutions.

**Funding:** Awards normally are for two years and typically range from $50,000.
An Eye on Funding (Continued from page 5)

to a maximum of $350,000. In special circumstances an award may exceed this amount, depending on the scope and complexity of the project. Successful applicants will be awarded a grant in outright funds, federal matching funds, or a combination of the two, depending on the applicant's preference and the availability of NEH funds. Cost sharing is not required. The sponsor, however, is rarely able to support the full costs of projects approved for funding. In most cases, grants cover no more than eighty percent of project costs.

Eligibility: Any U.S. nonprofit organization with 501(c)(3) tax exempt status is eligible, as are state and local governmental agencies and tribal governments. Individuals are not eligible to apply. Collaboration is a requirement of the Advancing Knowledge grant program, and to be eligible an application must include at least one library, museum, or archive as an integral member of the project team. Potential partners could also include universities, state humanities councils and other cultural organizations, or private sector organizations, as appropriate. The collaboration could be formed among different institutions or among distinct entities within a single institution (e.g., a university museum or library could partner with an academic department in the same university). If two or more institutions apply together, one will serve as the lead applicant and will administer the grant on behalf of the others.

Objectives: These grants will support collaborations among libraries, museums, archives, universities, and other cultural organizations that may serve as models for the field. We encourage projects that explore new ways to share, examine, and interpret humanities collections in a digital environment and to develop new uses and audiences for existing digital resources. Eligible projects might: serve as models for how libraries, museums, and archives can collaborate with other humanities organizations; use innovative approaches in digital technology to provide new perspectives on humanities collections, offer new interpretive contexts, and allow existing resources to be widely shared; have interpretive elements that can assist scholars and/or the public in gaining new understanding of ideas and questions in the humanities; advance the role of cultural repositories in online teaching, learning, and research; develop collaborative approaches involving the scholarly community and cultural repositories for the creation, management, preservation, and presentation of reusable digital collections and products; and examine and coordinate community-based approaches and standards for making resources available online. Successful applicants will be expected, as one of their work products, to create a "lessons learned" white paper. This white paper should document their project, including lessons learned, so that others can benefit from their experience.

IMLS, Build and Share Knowledge of Good Practice [95261]
Deadline: 03/03/08
Scope: The ultimate goal of this Cooperative Agreement is to develop the capacity of the museum and library field to effectively plan and evaluate their programs and to share lessons learned so that library and museum practices in the United States continue to improve.
Funding: The sponsor anticipates awarding only one (1) Cooperative Agreement. The award under this program will be for up to $1,000,000. No cost sharing is required, but cost sharing will be considered as an evaluation factor. The award will be for a maximum of twenty-four (24) months from date of award. The estimated award date is April, 2008. The sponsor will notify all applicants of final decisions. No information about the status of an application will be released until all applications have been reviewed and all negotiations are concluded.
Objectives: IMLS wishes to increase the capacity of:

1) Library and museum grantees and potential grantees to design and deliver projects that preserve cultural heritage, enhance learning opportunities for the public, encourage innovation and support the professional development of library and museum workers so that lessons learned can be shared widely and improve library and museum practice in the U.S.;
2) The museum and library field to access expertise and knowledge distilled from the IMLS portfolio of current and past projects; and
3) IMLS to analyze the results of its grants and disseminate this information broadly.

NHRP, Digitizing Historical Records Projects [88471]
Deadline: 04/01/08, 06/02/08
Scope: The Commission seeks proposals that use cost-effective methods to digitize nationally-significant historical record collections and make the digital versions freely available on the Internet.
Funding: A grant normally is for 1 to 3 years and up to $150,000. The Commission expects to make up to 3 grants in this category, for a total of up to $300,000. The Commission provides no more than 50 percent of the costs of Digitizing Historical Records projects.
Objectives: Projects must make use of existing holdings of historical repositories and be made up of entire collections or series. The materials should already be available to the public at the archives and described so that projects can re-use existing information to create metadata for the digitized collection. Applicants must have the permission of all relevant copyright holders, where possible.

NEH/NFAH, 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
An Eye on Funding (Continued from page 6)

Grants should result in plans, prototypes or proofs of concept for long-term digital humanities projects prior to implementation. Applications may be submitted by individuals or institutions.

**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.

**INTERDISCIPLINARY**

**Liberty Bank Foundation [83313]**

**Deadline:** 03/31/08

**Scope:** The sponsor provides funding to tax-exempt organizations in education, health and human services, housing, community and economic development, and the arts.

**Funding:** The minimum grant amount is $250. Multiple-year commitments will be considered, but are limited. Capital grants will generally not exceed one to two percent of the overall capital campaign fund-raising goal.

**Objectives:** The sponsor is particularly interested in funding programs and activities that provide assistance and opportunities to improve the quality of life for people of low income, especially families in crisis or at-risk.

Grants are made in the following areas:

**COMMUNITY AND ECONOMIC DEVELOPMENT:**

Affordable Housing for Low/Moderate-Income Individuals and Families: Examples include the development of low/moderate-income housing, homeowner counseling, and housing rehabilitation programs.

Community and Neighborhood Capacity-Building: Examples include efforts to revitalize or stabilize low/moderate-income areas and programs that educate individuals about personal and/or small business credit.

Community Services Targeted to Low/Moderate-Income Individuals: Examples include educational, health, childcare, or human service programs, job training, and economic education programs that increase an individual's ability to become self-sufficient.

**EDUCATION:**

Education and Human Services: Grants are considered for the following purposes: outreach and educational programs on health issues, quality child care, homeless shelters and services, services for victims of domestic violence, and transitional housing assistance. The sponsor emphasizes services that assist families or children in crisis or at-risk.

**ARTS AND CULTURE:**

Grants are made primarily for the purpose of making artistic and cultural opportunities available to people of low income who might not otherwise be able to participate. The sponsor will consider grants to projects affecting a wider population.

**America Honda Fd. [09372]**

**Deadline:** 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. 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, En-
An Eye on Funding (Continued from page 7)

gineering, 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.

Social Studies of Science, Engineering, and Technology (SSS): The social studies component includes research drawing on those areas of the social and behavioral sciences, including science and technology studies, that examine the influence of society on engineering, science and technology and the influence of science, engineering and technology on society. Supported research will bring the tools and theories of the social sciences to bear on such issues as how science and technology function in different societies, and how culture and society and science, technology, and engineering shape each other.

Studies in Policy, Science, Engineering, and Technology (SPS): The policy component includes research drawing on those areas of the social and behavioral sciences, including science and technology studies, that examine the influence of society on engineering, science and technology and the influence of science, engineering and technology on society. Supported research will bring the tools and theories of the social sciences to bear on such issues as how science and technology function in different societies, and how culture and society and science, technology, and engineering shape each other. Supported research will bring the tools and theories of the social sciences to bear on such issues as how science and technology function in different societies, and how culture and society and science, technology, and engineering shape each other.

SCIENCE

NSF, Advanced Learning Technologies (ALT) [82479]
Deadline: 04/25/08
Scope: The sponsor supports research that enables radical improvements in learning through innovative computer and information technologies, and advances research in computer science, information technology, learning, and cognitive science through the unique challenges posed by learning environments and learning technology platforms.

Funding: The estimated number of awards will be six to ten standard or continuing grants. Most projects will have budgets of approximately $100,000 to $200,000 per year over three years.

Objectives: Funding is provided for research that enables radical improvements in learning through innovative computer and information technologies, and advances research in computer science, information technology, learning, and cognitive science through the unique challenges posed by learning environments and learning technology platforms. Integrative research approaches that build across disciplines and establish tight linkages among theory, experiment, and design are strongly encouraged. Technology goals may include systems for tutoring or assessment, modeling and sensing of cognitive or emotional states, context awareness, natural language interfaces, collaboration, knowledge management,
and non-traditional goals that redefine the roles of technology in learning. Educational foci for ALT projects must include an area of science, technology, engineering, or mathematics (STEM), or general cross-cutting skills directly relevant to STEM.

**NSF, Chemical and Biological Separations Program [93838]**

**Deadline:** 03/01/08

**Scope:** The sponsor provides funding to support fundamental research on novel methods and materials for separation processes.

**Funding:** The duration of unsolicited awards is generally one to three years. The average annual award size for the program is $80,000.

**Objectives:** The program supports fundamental research on novel methods and materials for separation processes. These processes are central to the chemical, biochemical, materials, energy and pharmaceutical industries. A fundamental understanding of the interfacial, transport, and thermodynamic behavior of multiphase chemical systems as well as quantitative descriptions of processing characteristics in the process-oriented industries is critical for efficient resource management and effective environmental protection. The program encourages proposals that address emerging research areas and technologies, have a high degree of interdisciplinary thought coupled with knowledge creation and integrate education and research. Research topics in CBS include fundamental molecular-level work on: biochemical separations, microporous and novel molecular-recognition adsorbents; self-assembly in the synthesis of adsorbents and membranes; nanostructured materials for separations; fuel-cell membranes; biomimetic materials for separations; chiral separations; separations for environmentally benign processing; novel polymeric and ceramic membranes; hybrid separation processes; control and separation of organic crystalline materials; separations using ionic liquids; purification of drinking water; membranes for ion-selective sensors; adsorption and chromatography; field (flow, magnetic, electrical) induced separations; separation of molecular constituents from blood; thermodynamics and transport simulations for the design of separation processes; combinatorial design of separation systems; and rational ligand design for separations.

**Cactus and Succulent Society of America, Research Grants [90632]**

**Deadline:** 04/01/08

**Scope:** The sponsor provides small facilitation grants in support of research on succulent plants.

**Funding:** Typical awards range up to $1,200 to $1,500. It is mandatory that results be published in at least one of the following two publications of the Cactus and Succulent Society of America: Cactus and Succulent Journal (issued bimonthly); Haseltonia (issued annually).

**Objectives:** Many of the grants funded by the Society are for research that increases the level of knowledge and understanding of the members about succulent plants. General types of research supported by the CSSA include, but are not limited to: studies to discover new species or forms; of ecological associations; to increase knowledge of taxonomy, nomenclature, and biogeography; relating to all aspects of cultivation, artificial propagation and mass production; relating to conservation of threatened or endangered species; and of basic biology, such as morphology and physiology, especially as these relate to the needs and interests of hobbyists.

**NSF, Environmental Technology [90488]**

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

**Scope:** The sponsor provides support to develop and test new technologies across the range of sub-areas and activities in the field of environmental engineering. These include new devices and systems for more effective pollutant removal from air and water, as well as new technologies that minimize or avoid the pollutant generation inherent in older commercial and domestic processes and activities. Fundamental and basic research is solicited in establishing and understanding results in topical areas sought. The program also supports research on the development and refinement of sensors and sensor network technologies that can be used to measure a wide variety of physical, chemical and biological properties of interest in characterizing, monitoring and understanding environmental systems.

**Objectives:** The program fosters engineering research with the goals of: reducing adverse effects of pollutant discharges from human activities, and enhancing the quality and integrity of the natural environment that provides essential ecological services to humans. The program emphasizes engineering principles underlying pollution avoidance as well as pollution treatment and remediation. Innovative production processes, waste reduction, recycling and industrial ecology technologies are important to this program. The program supports research on innovative techniques to restore polluted land, water and air resources. Current areas of support include: nanotechnology, environmental, health and safety implications and applications; environmental cyberinfrastructure; sensor and sensor network technologies as they relate to the natural ecosystem health; mitigation of human impacts, including those resulting in pollution of the environment (including the effects to water, land and air), and technologies as employed by phytoremediation and other methods to identify and understand the contamination product, control and elimination encouraged; treatment technologies for hazardous and solid waste; and mitigation of environmental impacts of both natural and man-made disasters.

**NSF, Environmental Engineering [90485]**

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

**Scope:** The sponsor provides funding...
to support research and educational activities across the broad field Environmental Engineering serves, with the goal of applying engineering principles to understand and reduce adverse effects of solid, liquid and gaseous discharges into land, inland and coastal waters and air that result from human activity and that impair the ecological and economic value of those resources.

Objectives: The Environmental Engineering program supports research and educational activities across the broad field it serves, with the goal of applying engineering principles to understand and reduce adverse effects of solid, liquid and gaseous discharges into land, inland and coastal waters and air that result from human activity and that impair the ecological and economic value of those resources. It fosters cutting-edge research based on fundamental science and four types of engineering tools—measurement, analysis, synthesis and design.

Major areas of interest and activity in the program include: developing innovative biological, chemical and physical treatment processes to remove and degrade pollutants from water and air; measuring, modeling and predicting the movement and fate of pollutants in the environment; and developing and evaluating techniques to clean up polluted sites, such as landfills and contaminated aquifers, restore the quality of polluted water, air and land resources, and rehabilitate degraded ecosystems.

The program fosters environmental sustainability through the development of techniques to minimize or avoid generating pollution. Research may be directed toward improving the cost-effectiveness of pollution avoidance, as well as developing new principles for pollution avoidance technologies. Research for new and improved sensors of environmental conditions and innovative waste reduction and recycling processes also are important components of this program.

NSF, Emerging Models and Technologies for Computation (EMT) [77715]

Deadline: 03/13/08

Scope: This program seeks to advance the fundamental capabilities of computer and information sciences and engineering by capitalizing on advances and insights from areas such as biological systems, quantum phenomena, nanoscale science and engineering, and other novel computing concepts. It is anticipated that $16 million will be available to fund twenty awards.

Funding: It is anticipated that $16 million in funding will be available for FY 2008. It is anticipated that twenty awards will be made: Up to 8 Small awards will be made with an average award size of $150,000/year for up to three years. Up to 8 Medium awards are anticipated with an average award size of $330,000/year for up to three years. Up to 4 Large awards will be made, each with a budget up to $1,000,000/year for up to three years.

Objectives: The EMT program will support research and education projects that investigate frameworks and foundations for novel computing models. Anticipated activities include, but are not limited to modeling and simulation of biological computing and communication systems; design of computing and communication models based on desirable features of biological systems; investigation of various aspects of quantum-based approaches to processing information and data communication; and investigation of innovative nanoscale science and engineering approaches that promise radical innovations in computing and communication systems.

Because of the exploratory nature of the research supported by the EMT program, the research areas described in this solicitation are illustrative of the research areas that the EMT program seeks to fund. In addition, while each research area described below deals with a set of specific topics internal to the research area, research issues inevitably straddle artificially imposed boundaries. The EMT program encourages projects that transcend the confines of each of the research areas elaborated below.

1. Biological Systems Science and Engineering (BSSE)--This area of the program is interested in research that explores opportunities at the intersection of biology and computer science, with a specific focus on activities that advance our understanding of computing and communication processes in biological systems in order to recreate or use them as models for, or demonstrations of, innovative new computing and communication systems.

2. Quantum Information Science (QIS)--The goal of this area is to explore disruptive innovations in computing and communication systems by drawing upon new insights and understanding in Quantum Information Science (QIS), ultimately leading to the stronger unification of information sciences, quantum physics, and molecular biology.

3. Nanotechnology for Computing and Communication (NANO)--This program area supports research that aids and advances the physical design realization of novel, nanoscale computing, communication and information processing models. There is considerable evidence that building a physically stable structure, molecule by molecule, is quite feasible. For example, self-assembly - a method of fabrication that relies on chemicals forming larger structures without centralized or external control - is potentially an important technique for producing computing components at the nanoscale. Both theoretical and experimental research is encouraged.

4. Other Emerging Models and Technologies for Computing and Communication (MISC)--In addition to the three main areas of emerging models and technologies so far described in the solicitation (i.e., Biological Systems Science and Engineering, Quantum Information Science, Nanotechnology for Computing and Communication), the EMT program also supports innovative projects that apply other emerging models and technologies to create fun-
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damentally new computing and communication systems.

**NSF, Theoretical Foundations 2008 (TF08) [77554]**

**Deadline:** 03/31/08

**Scope:** The sponsor provides support for projects designed to determine inherent limits of computation and communication, and to obtain optimal solutions within those limits.

**Funding:** Approximately $35 million is available to fund sixty to seventy-five awards. Approximately fifteen small awards at $60,000/year (up to three years) or less will be made. For example, projects by new faculty may require NSF support for only one student or for summer salary. Most small awards will go to (or preference will be given to) PI's who have not previously been a PI or coPI on an NSF award. Up to fifty-five awards will be made with an average grant size of $125,000/year for durations up to three years. Up to five awards of up to $500,000/year for well-integrated projects of larger scope are anticipated. No more than one three-year award will be made with a budget up to $1,000,000/year.

**Objectives:** The TF program comprises five program elements: Communications Research; Numeric, Symbolic and Geometric Computing; Signal Processing Systems; Scientific Foundations for Internet's Next Generation (SING); and, the Theory of Computing. The program supports research within the purview of these elements as well as research that spans multiple areas.

1. **Communications Research:** The cluster seeks advances in theory and techniques, as well as supporting software and hardware, for the efficient representation, transmission and reception of digital and analog information over a variety of channels (e.g., wired, wireless, and biological channels). Research and education contributions to a) theory, b) algorithms, and c) applications based on new theoretical foundations are sought.
2. **Numeric, Symbolic and Geometric Computing:** This element investigates the application of computing to mathematical objects, such as differential equations, algebraic structures, and geometric constructs. The goal of NSF projects is increased understanding of computing through investigations in this domain. The NSF program element is sub-divided into three areas: a) numerical computing and optimization; b) symbolic and algebraic computation; and c) computational geometry. However, new ventures that combine numerical, algebraic, symbolic, and computational paradigms are especially welcome.
3. **Signal Processing Systems:** element supports basic research in signal processing algorithms and supporting software and hardware systems that ensure signal processing remains an enabling technology for information systems and serves as a catalyst for new technological and theoretical innovations. Specific research topics of interest include, but are not limited to, the following: sampling/representation, compression and enhancement of both one-dimensional and multidimensional spatiotemporal data; statistical signal and array processing; multimedia and multimodal signal processing precipitated by the needs of surveillance as well as the entertainment industry; signal processing for wireless communications; collaborative/distributed signal processing for sensor networks and other distributed systems; novel biometric signal/image processing methodologies for national security; signal processing for biomedical applications; signal processing methods inspired by fundamental biological processes including sequencing as well as cellular communication. Also of interest is research in new paradigms that enlarge the scope of signal processing from the domain of the linear to the realm of the nonlinear – from linear algebra to algebra, from Euclidean to curved spaces, from uniformly to highly non-uniformly time and space sampled processes, to signal processing on graphs. Research that will develop efficient power aware and hardware-friendly algorithms and research on signal processing algorithms for the new network science of distributed, decentralized, and cooperative algorithms that avoid global communications is encouraged. The exploration of new approaches to manage massive datasets, such as compressive sampling, also promise advances in the field.
4. **Scientific Foundations for Internet's Next Generation (SING) –** The theory of networked computing is a new formulation of state-of-the-art problems faced by computer networks. Control, especially feedback problems, is expected to play an increasing role in the Internet. Models hinging on temporal and spatial distribution of information and power are sought. Network theory is likely to provide new insights into the theoretical foundations of social networks, game theory, and auction theory. Further, mobile information sources are likely to inspire new insights in the theory of computing. Fundamental theoretical and algorithmic studies involving coordination and cooperation are encouraged. Scalability, complexity, and interactivity problems need to be addressed. Tradeoffs between communication and computation and storage are of vital interest. Applications based on new theoretical foundations require investigations ranging from the role of location from spatial behavior of propagation to "place." In general, applications of sensing and control over the network, along with the theoretical underpinnings, are of interest.
5. **Theory of Computing –** Specific areas in the theory of computing element of TF include but are not limited to: design and analysis of algorithms (probabilistic, approximation, sublinear, parallel/distributed, online, etc.); data-structures; computational complexity; randomness and derandomization; cryptography; discrete and computational geometry; games, economics, and auctions; combinatorics, combinatorial optimization, algorithmic graph theory; hardness of approxima-
tion; mathematical learning theory; logic and formal methods; quantum computation; networks and the theory of network computation; computational biology; and coding and information. Work in the theory of computing that is directed towards applications in other areas of computer science, or in other areas of science, is welcome. This is the case especially when the application necessitates the development of new theory.

**NSF, Environmental Sustainability [90482]**

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

**Scope:** The sponsor provides funding to support engineering research with the goal of promoting sustainable engineered systems that support human well-being and are compatible with sustaining natural (environmental) systems, which provide ecological services vital for human survival.

**Objectives:** Funding is provided to support engineering research with the goal of promoting sustainable engineered systems that support human well-being and are compatible with sustaining natural (environmental) systems, which provide ecological services vital for human survival. The long-term viability of natural capital is critical for many areas of human endeavor, including agriculture, industry and tourism. Research in Environmental Sustainability considers long time horizons and incorporates contributions from the social sciences and ethics. The program supports engineering research that seeks to balance society’s need to provide ecological protection and maintain stable economic conditions. Four areas of research are supported: Industrial Ecology, Green Engineering, Ecological Engineering and Earth Systems Engineering.

**NSF, Energy for Sustainability [90482]**

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

**Scope:** The sponsor provides funding to support fundamental research and education in energy production, conversion, and storage and is focused on energy sources that are environmentally friendly and renewable.

**Objectives:** Funding is provided to support fundamental research and education in energy production, conversion, and storage and is focused on energy sources that are environmentally friendly and renewable. Most world energy needs are currently met through the combustion of fossil fuels. With projected increases in global energy needs, more sustainable methods for energy production will need to be developed and production of greenhouse gases will need to be reduced. Sources of sustainable energy include sunlight, wind and biomass. Hydrogen and alcohols are potential energy carriers that can be derived from renewable sources. Research that generates enabling science and technologies for more efficient hydrogen and storage is supported by the program. Potential sources of hydrogen include conversion from biomass and from electrolysis, photolysis or thermolysis of water. Biomass is available from agricultural crops and residues, forest products, aquatic plants and municipal wastes. In addition to hydrogen, biomass can be a source of liquid, solid and gaseous fuels including biofuels such as ethanol. Fuel cells have the potential to convert fuels such as hydrogen and alcohols to electricity at high efficiencies and should play an increasing role in energy conversion. Critical components of low temperature fuel cells requiring additional research include catalysts, membranes and electrolytes. Development of these components also requires fundamental research on the reaction and transport mechanisms at the catalyst and membrane electrolyte interface. Advances in these areas are needed to address key challenges in efficiency, durability, power density and environmental impacts. The engineering aspects of fuel-cell design and operation also require further study in areas such as water and thermal management. Wind power is a growing source of electrical energy. Increased efficiency requires a fundamental knowledge of the interaction of wind with the blade structure. Understanding the fluid flow, and optimizing blade design are important aspects in developing more efficient wind generators. Photovoltaic devices have the potential to supply a significant fraction of electrical energy to the power grid. Although silicon-based materials have been most widely used, other semiconducting materials and titanium dioxide also have potential. New materials and novel fabrication techniques for solar energy conversion are supported by the program.

**NSF, Thermal Transport Processes [93840]**

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

**Scope:** The sponsor provides funding to support research aimed at gaining a basic understanding of the microscopic and macroscopic levels of thermal phenomena underlying energy conversion, the synthesis and processing of materials, cooling and heating of buildings and equipment, the interaction of industrial processes with the environment, the propulsion of air and land-based vehicles and thermal phenomena in biological and environmental systems.

**Funding:** The duration of unsolicited awards is generally one to three years. The average annual award size for the program is $90,000.

**Objectives:** The program supports research aimed at gaining a basic understanding of the microscopic and macroscopic levels of thermal phenomena underlying energy conversion, the synthesis and processing of materials, cooling and heating of buildings and equipment, the interaction of industrial processes with the environment, the propulsion of air and land-based vehicles and thermal phenomena in biological and environmental systems. The program supports fundamental research and education in transport processes that occur by thermal gradients and thermal history, and their manipulation to achieve engineering goals. This en-
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eering science forms an important part of the intellectual infrastructure of a number of modern technologies. Basic research in flow and convective processes with and without phase change, heat and mass transfer at nano- and molecular scales, radiative transport, and the fundamental characterization of material properties important to these processes are especially relevant to this program. Priority is given to innovative, insightful investigations of fundamental problems with broad applications and to novel use of heat transfer principles to meet the engineering needs of the nation. Some examples of critical new fundamental areas include: thermal transport in energy conversion processes, including environmental interactions, is of interest to reduce the nation’s dependence on petroleum and to enhance the nation’s sustainability; heat and mass transfer at small scales covering phenomena with length and/or time scales from the molecular to the continuum, is a subject of continuing importance to energy conversion, biotechnology, microelectronics and biochemical detection; and the fundamental understanding of the interaction of energetic beams, such as lasers, with solid surfaces is vital to the evolution of advanced micro- and nano-manufacturing techniques.

**NSF, Particulate and Multiphase Processes Program [93841]**

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

**Scope:** The sponsor provides funding to support fundamental and applied research on mechanisms and phenomena governing particulate and multiphase processes, including granular and granular-fluid flows, particle/bubble/droplet interactions, aerosol science and technology, suspensions, micro- and nano-structured fluids, self- and directed-assembly of nanostructures and related instrumentation and diagnostics. The duration of unsolicited awards is generally one to three years. The average annual award size for the program is $80,000.

**Objectives:** The program supports fundamental and applied research on mechanisms and phenomena governing particulate and multiphase processes, including granular and granular-fluid flows, particle/bubble/droplet interactions, aerosol science and technology, suspensions, micro- and nano-structured fluids, self- and directed-assembly of nanostructures and related instrumentation and diagnostics. Innovative research is sought that contributes to improving the basic understanding, design, predictability, efficiency, and control of particulate and multiphase processes with particular emphasis on: new frontiers in nanotechnology, novel manufacturing techniques, nano-metrology, multiphase transport in biological systems, environmental sustainability, critical infrastructure systems and complex engineering systems. Collaborative and interdisciplinary proposals are encouraged; proposals that include a combination of experimental and theoretical approaches are more likely to receive funding than solely theoretically or experimentally oriented work. Highly reviewed projects generally demonstrate a strong scientific basis together with clear practical applications.

Current research focus areas include: multiphase flow phenomena (particle / bubble / droplet dynamics), structured fluids (colloids, ferro-fluids), and self and directed assembly of particles into functional devices; granular and granular-fluid flows (flow and mixing of powders, effects of particle cohesion, fluidization, particle transport systems); particle science and technology (aerosols, production of particles with engineered properties, assembly of particles into functional materials and devices, environmental issues, nanotoxicology); multi-scale models of multiphase systems (emphasis on novel approaches connecting micro- and nano-scale phenomena and properties with process-level variables); and multiphase transport in biological systems (emphasis on applications of function-
niques such as plasmas, acoustics, and microwaves; and multifunctional systems synthesis such as "smart" molecules, "chemical laboratory on a chip," "chemical factory on a chip" concepts, bioreactor design and bioprocess optimization, and fermentation technology. The development of non-polluting sources of energy such as fuel cells, are also of interest. Process Design and Control - these areas encompass the design and optimization of complex chemical and biochemical processes and the dynamic modeling and control of process systems and individual process units. High priority research topics include simultaneous product and process design, including bioprocesses; increased plant efficiency by algorithms that communicate across design levels and incorporate multiple criteria such as profitability, safety, operability, environmental sustainability, and societal concerns; and new sensor development to measure composition, product properties, morphology, etc. Utilization of the latest in cyberinfrastructure resources including hardware at the tera- and petascale is encouraged.

Reactive Polymer Processing - program scope is limited in the polymerization area to research that integrates synthesis (chemical reaction of monomers to form polymer chains or complexes) and processing steps (steps that orient and anneal polymer melts and affect the long range conformations and consequently their properties). Typical projects are in the areas of emulsion and miniemulsion polymerization, reaction injection molding, etc. Program focus is on addressing environmental concerns while producing tailor-made molecules and materials.

**NSF, Geography and Regional Science [61299]**
**Deadline:** 02/15/08
**Scope:** Support is provided for research in geography and regional science.
**Objectives:** The sponsor supports basic research on the geographic distributions and interactions of human, physical, and biotic systems on the Earth's surface. Investigations are encouraged into the nature, causes, and consequences of human activity and natural environmental processes across a range of scales. Projects on a variety of topics (both domestic and international) qualify for support if they offer promise of contributing to scholarship by enhancing geographical knowledge, concepts, theories, methods, and their application to societal problems and concerns. Support also is provided for projects that explicitly integrate undergraduate and graduate education into the overall research agenda.

**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.

**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, 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
An Eye on Funding (Continued from page 14)

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. Recipients are expected to spend full time in a non-mathematical science department in an academic institution or an industrial, commercial or financial organization. The expected outcome is sufficient familiarity with another discipline so as to open opportunities for effective collaboration by the mathematical scientist with researchers in another discipline.

**SOCIAL / BEHAVIORAL**

**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 announcement encourages applications addressing four general areas of methodology and measurement research in the social and behavioral sciences. These areas, discussed in detail below, include research design, data collection techniques, measurement, and data analysis. Within the broad spectrum of 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:** 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.
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 interpret 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.

**ORSP Contact Information**

**PRE AWARD**

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