Looking to enrich the lives of students through science, Dr. Stacey Gillespie applied along with other faculty from UNC-Greensboro for a grant from the North Carolina Mathematics and Science Education Network. The group was awarded $119,990 to implement a vision entitled “Operation Chemistry-Continuing the Capacity to Build on Long-Term Success”. Operation Chemistry is a three-year program in which the group invites middle school teachers from around North Carolina to take part in three different summer workshops over a three-year period. The goal of these camps is to improve the teaching of science. The principal investigator on this project is Dr. Paul Kelter of UNCG, who has spent the last 15 years working on developing these camps. The workshop will be held at UNCG this summer and plans are being made to hold the second year workshops at Elon. Dr. Gillespie received $14,472 for her part in the project this year.

Dr. Gillespie is an assistant professor of chemistry who came to Elon in August 2000, after working as a graduate teaching assistant at Northern Illinois University. Her educational background includes a Ph.D. in Analytical Chemistry and a Masters Degree in Secondary Education from Northern Illinois University. Prior to earning these degrees, Dr. Gillespie spent three years in Illinois teaching high school chemistry and physics. This blend of scientific and educational expertise provides important tools that make her especially qualified to serve on this project. Dr. Gillespie’s understands how to teach science content to middle school teachers while also being able to advise them on strategies of instruction in classrooms.

When she is not working on “Operation Chemistry”, Dr. Gillespie keeps busy with discipline-based research. Currently, she is working on a project entitled “Acousto-Optic Imaging of Agricultural Samples”. The project, funded by the Chemistry Department, uses an acousto-optic tunable filter along with a monochrome charge coupled device camera to perform spectral imaging of agricultural samples. Working alongside Dr. Gillespie are senior Chemistry majors Jennifer Gilliam and Kevin Jones. Dr. Gillespie spent a part of her summer working with Ms. Gilliam on this project as part of the Summer Undergraduate Research Experience (SURE). SURE is a program that facilitates undergraduate research by providing students interested in research with a research stipend as well as the opportunity to spend the summer working alongside a faculty mentor who possesses an expertise in that particular field.

2002 BUDGETS FOR FEDERAL GRANTMAKERS
Federal Grants and Contracts Weekly 25, no. 45 (12 November 2001)
Grantseeker Tips no. 73 (26 November 2001)

NSF
Congress recently approved $4.8 billion, an 8.2 percent increase, for the National Science Foundation. The White House had requested a 1 percent raise, but the science community’s hard lobbying won out. NSF’s total budget includes $3.6 billion for research and related activities, with the rest earmarked for special purposes. The measure provides:

• $508.9M for the biological sciences, up from $485.4M last year;
• $515.8M for the computer and information sciences, up from $477.9M;
• $467.5M for engineering, up from $430.8M;
• $610.7M for the geosciences, up from $562.2M;
• $922.2M for the mathematical and physical sciences, up from $850.8M; and
• $168.9M for the social, behavioral, and economic sciences, slightly more than last year’s $164.4M.

Appropriators emphasized certain priorities:
• $75M for plant genome research on economically significant crops;
• $75M for colleges and universities to purchase research equipment; and
• $180M for an information technology initiative, up from $155M.

NSF’s education and human resources programs will receive $875M, up 89.4M. The administration’s request for a $200M math and science partnerships program, which would have added $100M to existing program funds, was scaled back to $160M, preserving ongoing programs.

NIH
For several years, NIH has been on a campaign to double its annual budget, from $16 to 32 billion. In 2002, it will reach $23 billion. Once it hits the $32B mark, however, it will increase only a nominal 2-3 percent annually. Other NIH budget information for 2002:

• 9,158 new and competing renewal research grants will be awarded;
• $2.5B for AIDS-related research;
• $50M for new women’s health initiatives;
• $40M for a new bioengineering institute.

Research priorities include genetic medicine; clinical research leading to new treatments, infrastructure, and enabling technologies; and eliminating disparities in healthcare.

NASA
Appropriations increased for science at the National Aeronautics and Space Administration, but funding for the International Space Station, which has amassed $4B in recently discovered cost overruns, was trimmed and will be transferred to core biology and physics research accounts.

EPA and DOE
Environmental Protection Agency research and development gains about 3.8 percent over fiscal 2001. Energy Department R&D will increase 3.1 percent overall.

ED
The Education Department’s grants forecast for fiscal 2002 lists more than 100 competitions, but deadlines and funding estimates are unavailable for about 37 percent. ED appropriations have been delayed in part by lack of a firm budget and by a contentious reauthorization process for K-12 programs. ED is also running behind because of last year’s moratorium on grant announcements. It worked down to the wire to make awards by the end of FY 2001, and some programs are just now putting 2002 plans in place. See www.ed.gov; Finding Grants and Contracts; Forecast of Funding Opportunities-ED Discretionary Grant Programs.

NEW ED PROCEDURES
WELCOME NOVICE APPLICANTS
The Education Department has amended its grant rules to increase chances for new applicants. The change takes effect 31 December, just in time for most 2002 competitions. Specifically, program managers can:

- run separate competitions featuring brief applications for inexperienced grantseekers, including competitions for seed grants;
- provide targeted set-asides; and
- award extra consideration or points under regular competitions.

Novices are defined as those who have not held a federal discretionary grant in five years. ED’s goal is to broaden the applicant pool and to improve opportunities for small and new organizations.

NO OPTION: AGENCIES HASTEN E-GRANT PROCEDURES

Terrorist attacks have speeded federal plans for electronic grant management. Federal agencies have been pressured to provide the option, but soon electronic submission will probably be mandatory, said John McGowan, project manager for electronic research administration at the National Institutes of Health. Recent suspensions of travel and mail service demonstrated the vulnerability of routine grant practices, when NIH and other agencies were forced to rely on electronic application review. McGowan said the NIH will pilot electronic research grant submission in about a year.

Implementation of E-grants is one of 22 elements in the Bush administration’s new E-government strategy. Agencies have been working for several years on the Federal Commons, a central gateway for grants and other transactions but have been hampered by lack of funding and the diversity of individual agency approaches. The White House Office of Management and Budget aims to harness internet-related technologies to streamline processes across agencies, reduce paperwork, improve management, and apply commercial best practices.

The major challenge is to create procedures that meet the needs of different grantees doing business across 26 agencies. Standardized formats must work for states and cities, which receive most discretionary funding, and for universities and nonprofits. An interagency group has drafted a model application, and a single electronic site may become a hub for all grant announcements. As of 1 October, federal agencies are required to post contract announcements worth more than $25K on the FedBizOpps website, and E-grant planners are studying the possibility of integrating grant announcements as well. (See http://www.fedbizopps.gov).

FUNDING OPPORTUNITIES...

Arts/Humanities/International

Financial Grants & Nicholl Fellowships in Screenwriting
Agency: Academy Foundation
Next Deadline: May 01, 2002

Financial Grants (no current deadline, call for details) provide modest funding for film-oriented projects to college film departments & organizations providing service or information relating to motion pictures. Nicholl Fellowships in Screenwriting (deadline, 5/1/02) is an international competition for screenwriters who have never earned more than $5,000 for writing for film or television. Up to 5 fellowships of $30,000 are made annually. For details, see...
Fund for U.S. Artists at International Festivals/Exhibitions
Agency: Arts International
Next Deadline: May 02, 2002
Supports (deadlines, 1/16/02, 5/2/02, 9/5/02) individual U.S. performers & performing arts groups who have been invited to perform at international festivals, but need funding. Program is particularly interested in proposals that reflect the cultural diversity of the U.S. & involve events in areas of the world where U.S. work is rarely performed, such as Latin America, Asia, & Africa. Grants to individuals range from $500 to $2,000, & grants to organizations are $2,000 to $25,000. E-mail: ktakeda@artsinternational.org. See http://www.artsinternational.org/programs/theFund/performing_arts.htm.

Faculty Research Grants in Vietnamese Studies
Agency: Asia Foundation
Next Deadline: Mar 31, 2002
Provides 5-month awards to doctoral-level faculty of American institutions for collaborative summer research & curriculum development activities at institutions in Vietnam. Goal is to develop courses on Vietnamese foreign policy, politics, economics, & social change to be taught in the U.S. Must hold a teaching position in international relations, political science, economics, sociology, or Asian studies. Experience in Vietnam & SE Asia preferred, but non-specialists with comparative research agendas may apply. See http://www.asiafoundation.org/programs/prog-asia-viet-research.htm.

German Studies Research Grant
Agency: DAAD: German Academic Exchange Service
Next Deadline: May 01, 2002
These grants are designed to promote study of cultural, political, historical, economic & social aspects of modern & contemporary German affairs from an inter- & multi-disciplinary perspective. Candidates must be nominated by department &/or program chairs. Undergraduates with at least junior standing, Masters & PhD candidates are eligible. Grant is tenable for projects in either North America or Germany & is intended to offset possible additional research costs or summer earnings requirements. See http://www.DAAD.org/frg_all.htm. E-mail: DAADNY@daad.org.

Grants for Graphic Communications Projects
Agency: Graphic Arts Education and Research Foundation
Next Deadline: May 30, 2002
Supports projects in the graphic communications field that are used for educational purposes. Awards may fund graphic arts technology & management education, teacher training, the improvement of teaching facilities, curriculum projects, or research. Mini-Grant proposals are accepted year-round & support regional studies & projects up to $2,500, including workshops & conferences. Application deadline for all other grants is May 30 of each year. E-mail: ecassidy@npes.org. See http://www.npes.org/gaerf/grants.html.

Invitation Fellowship Programs for Research in Japan
Agency: Japan Society for the Promotion of Science
Next Deadline: May 17, 2002
Provides Short-Term (deadlines, 9/14/01 & 5/17/02) & Long-Term (9/14/01) Invitation Fellowships to promote international cooperation & mutual understanding in scientific research. Scientists at Japanese institutions invite researchers from other countries to Japan for cooperative activities. All fields of the humanities, social sciences & natural sciences are included. Applications must be submitted by the inviting scientist at the host institution. About 195 Short-Term & 58 Long-Term Fellowships will be awarded. See http://www.jsps.go.jp/e-program/program.html & click on "fellowships."

Challenge America: Fast Track Grants
Agency: National Endowment for the Arts
Next Deadline: May 01, 2002
NEA will provide approximately 400 grants of $5,000 or $10,000 in rural or underserved areas & will use an expedited application review to make its resources more accessible to a wide range of organizations. Priority areas for 2002 are Positive Alternatives for Youth (last deadline, 2/1/02) & Community Arts Development (deadline, 5/1/02). All grants must be matched 1-to-1, & applications must be submitted on behalf of a partnership. Collaboration is highly encouraged. After first developing a prospectus, call a program officer for suggestions. See http://arts.endow.gov/guide/.

Challenge Grants Special Initiative: Local History
Agency: National Endowment for the Humanities
Next Deadline: May 01, 2002
Provides up to $100,000 for small institutions to improve their humanities resources in local history. Although requests for support of acquisitions & equipment are considered, an endowment is the preferred use of funds as awards are for long-term programming. Preference for new endowments, proposals that target new & diverse audiences, & institutions that establish high-quality collaborative ventures with local educational & cultural organizations. Awardees must raise an equal amount from nonfederal sources. Draft proposals are reviewed. See [http://www.neh.fed.us/grants/grants.html]
Provides grants to mark the anniversary of the Meriwether Lewis & William Clark expedition. Proposals can include new scholarship; projects to preserve & provide access to documents & artifacts; educational projects for every level, K-16; & public programs in libraries, museums, & historical societies, including exhibitions, film, radio, & Internet. Fields may include history, archaeology, anthropology, literature, philosophy, history of science, religion, linguistics, regional studies, & others. Applications due on deadlines (February - November) for NEH's other programs. See http://www.neh.gov/grants/grants.html.

Fellowships (Humanities Research, M.A.s & Ph.D.s) Agency: National Endowment for the Humanities Next Deadline: May 01, 2002
Provides up to $40,000 over up to 12 months to new investigators & those with research experience for full-time or part-time independent study & research to enhance fellows' capacities as humanities teachers & scholars. Scholars from research intensive & primarily undergraduate institutions are eligible. May apply as University Teachers or College Teachers/Independent Scholars depending on the type of institution. Applications due between 3/1/02 & the deadline of 5/1/02. About 1 in 8 applications are funded. See http://www.neh.gov/grants/grants.html. E-mail: fellowships@neh.gov.

Challenge Grants Agency: National Endowment for the Humanities Next Deadline: May 01, 2002
Offers grants of $20,000 to $1,000,000 over 3 years to help institutions & organizations secure long-term support for, & improvements in, their humanities programs & resources. Goal is to improve financial stability & quality of humanities activities. Education, public programming, scholarly research, & preservation programs are allowable. First time recipients must raise, from nonfederal donors, 3 times the grant amount. Draft proposals reviewed if submitted by March 1. Proposal deadline is 5/1/02. For details, see http://www.neh.gov/grants/guidelines/challenge.html. E-mail: challenge@neh.gov.

Provides grants in the Arts. Applicants for Dance Grants (deadline, 4/12/02) must apply online between 3/15/02 & 4/12/02 for Unrestricted General Operating Support & the New Choreography Fund. Theater Grants (5/13/02) are due online between 4/15/02 & 5/13/02 for Unrestricted General Operating Support & the New Plays Fund. Visual Arts Grants (8/16/02) must be submitted online between 7/15/02 & 8/16/02 for Exhibition Support. Preference for diverse artists. Arts & Education Grants (2/28/02) that focus on disadvantaged youth are available in NYC, NJ, CT, & D.C. See http://www.phillipmorris.com/philanthropy/grants/grant_guidelines.asp.

Provides up to $7,000 over 2 years for direct costs related to projects that propose to use social science research findings to address social problems through direct action projects, consulting with not-for-profit groups, or through preparing reviews of existing social science literature that could be used by policy makers. Eligibility is limited to SPSSI members who are retired and/or over the age of 60. Applications must be submitted by 1/16/02 or 5/15/02 via mail or an electronic attachment to e-mail. For details, see http://www.spssi.org/sages.html. E-mail: frieze@pitt.edu.

Program seeks solicitations from IHEs (or consortia led by IHEs) for programs that emphasize language acquisition & cultural knowledge; study, research & internship/externship opportunities abroad; institutional support & long-term sustainability; & participation in international education by broadening interdisciplinary & institutional relationships. Up to $2.5 million available for 5 to 15 awards. Cited deadline is for required pre-proposals. The deadline for full proposals is August 19, 2002. See the 1/28/02 Federal Register, or http://www.ndu.edu/nsep/institutional_grants.htm. E-mail: hormleyk@ndu.edu

Education/Human and Community Development

Supports proposals from ACPA members to enhance the student affairs profession & to generate & disseminate knowledge of students in higher education. Proposals should focus on one or both of the Foundation's interests: Students & Professionals (including young or emerging professionals, investments in research, & support for sustaining or maturing professionals). Foundation awards $10,000 for project funding each year. Proposals received by 5/31/02 will be considered in June by the ELF Board.
of Directors. See http://www.elfacpa.org/grants.html/. E-mail: paratore@siu.edu.

**Grants Program Agency: American Honda Foundation**

**Next Deadline: May 01, 2002**

Provides $10,000 to $75,000 to nonprofit organizations, including colleges & universities, for projects that meet the needs of youth, especially minority students. Projects have included job training & math, science, technology, & environmental education improvement, including curriculum development. Emphasis is on broad, innovative, & forward-thinking projects with national scope. To obtain guidelines, send a letter & a self-addressed label to the address above. Application information is not available online. See http://www.hondacorporate.com/community/index.html.

**Candle Grant Awards Agency: Candle Foundation**

**Next Deadline: May 15, 2002**

Provides grants ranging from $1,000 to $10,000 in areas such as community investment, education & information dissemination, hunger & homelessness, preventive health services, & medical research. Examples of recent education grants include support for interactive problem-solving drama presentations in K-12 schools, & support for a home improvement skills-training program for at-risk youth. Other examples are available online. See http://www.candle.com, click on a link labeled "About Candle," & then click on "Candle Foundation." E-mail: martha_mossawir@candle.com.

**Native American Library Services Agency: Institute of Museum and Library Services**

**Next Deadline: May 01, 2002**

Supports ongoing library services for the tribal community provided by an established library, improving existing services, or implementing new library services as part of an established library. Two of several funding priorities include establishing electronic links between libraries & paying for the acquisition/sharing of computer systems & telecommunications technologies. Awards are made in 2 areas: Basic & Professional Assistance Grants (deadline, 3/1/02) & Enhancement Grants (deadline, 5/1/02). See www.imls.gov then click on "all about grants & awards." E-mail: tbrown@imls.gov.

**E-team Grants Program Agency: National Collegiate Inventors and Innovators Alliance (NCIIA)**

**Next Deadline: May 15, 2002**

Makes multidisciplinary grants to faculty & students of member institutions for E-Team (groups of students, faculty, & other professionals working together) programs to promote invention, innovation, & entrepreneurship. Schools pay $300 to $500 in annual dues. Course & Program Development Grants ($2,000 to $50,000) may be used for equipment, supplies, travel, technical services, stipends & direct program expenses. Advanced E-Team Grants ($1,000 to 20,000) may be used for further development or commercialization. See http://www.nciia.org/grants/index.html. E-mail: info@nciia.org.

**AERA/Spencer Pre-Dissertation Fellowship Program Agency: Spencer Foundation**

**Next Deadline: May 03, 2002**

Provides one-year fellowships up to $17,000, with additional travel funds for promising graduate students in educational research. Students who receive financial support from their home institution are eligible for a fellowship. Doctoral students midway through their degree program can apply for support as they develop dissertation topics, refine research designs, or begin data collection. Fellows will have opportunities to participate in extensive professional development activities. Application & general information is available at http://www.aera.net/about/awards/.

**Migrant Education: High School Equivalency Program Agency: U.S. Department of Education**

**Next Deadline: Mar 18, 2002**

Provides discretionary grants to IHEs or other non-profit organizations in cooperation with IHEs, to provide academic & support services including counseling, health services, stipends, & job or education placement to migrant or seasonal farm-workers, or specified family members. Projects should assist migrant drop-out students in obtaining the equivalent of a high school diploma & in gaining employment or admission to an IHE or other training program. $3 million is available in FY 02 for 9 awards. See http://www.ed.gov/offices/OESE/MEP/programs.html or the 2/01/02 Fed. Register.

**FIPSE Special Focus: North American Mobility Program Agency: U.S. Department of Education**

**Next Deadline: Mar 29, 2002**

Supports projects that seek to promote institutional cooperation & student mobility between the U.S., Canada, & Mexico. Eligibility is limited to consortia consisting of at least 2 academic institutions from each country. Approximately 10 awards averaging $30,000 each will be made in FY 02. See the 1/11/02 Federal Register or http://www.ed.gov/offices/OPE/FIPSE/northam/ for program details & proposal development information. E-mail: FIPSE@ed.gov.

**FIPSE Special Focus: U.S./European Community Higher Education Program Agency: U.S. Department of Education**

**Next Deadline: Apr 01, 2002**

Supports projects to improve postsecondary education opportunities by focusing on problem areas or improvement approaches. ED is especially interested in...
projects that support consortia of IHEs in promoting institutional cooperation & student mobility between the U.S. & the member states of the European Union. In FY 02, awards will range from $25,000 to $200,000 for up to 3 years of activities. See http://www.ed.gov/offices/OPE/FIPSE/EC/ or the 1/11/02 Federal Register.

FIPSE: Comprehensive Program Agency: U.S. Department of Education Next Deadline: Mar 13, 2002 Provides about 60 awards of $150,000 to $800,000 for projects that encourage postsecondary reform, innovation, & improvement with a focus on equality of educational opportunity. Successful projects are comprehensive, action-oriented, risk-taking & responsive to the needs of practitioners. Changes in FY 02 application guidelines stress innovative ideas & tested reforms that promise to have broad impact on the postsecondary field & that respond to change in society. Deadline is for required five-page preliminary proposal; invited full applications will be due by May 24, 2002. See http://www.ed.gov/FIPSE/ for details & an application package.

Provides awards to colleges & universities to develop & strengthen security & investigation strategies to combat violence against women on campuses. Requires the partnering of institutions of higher education with private, nonprofit, nongovernmental victim service providers & local criminal justice or legal agencies to develop policies that treat violence against women as a serious offense & develop programs that emphasize safety & offender accountability. FY 02 details are not available, but program has a tentative 4/11/02 deadline. See http://www.ojp.usdoj.gov/vawo/.

A collaborative, comprehensive grant program offered with support from HHS, DOL, ED, & HUD designed to address the issues related to adult & juvenile violent offenders who are to be or have been released from correctional facilities & are returning to communities nationwide. Aims to reduce recidivism by returning offenders. Applications will be accepted from state & local jurisdictions in partnership with other organizations such as colleges & universities. See the 1/30/02 Federal Register, or http://www.ojp.usdoj.gov/reentry/solicitation/solicitation.html.

Supports one-on-one mentoring programs to keep at-risk youth in school & away from drugs & crime. The JUMP Program strategy is to fund collaborative efforts between local educational agencies & public/private non-profit organizations or tribal nations, to support development of effective mentoring programs for at-risk youth. Mentors must be 18 years of age or older. See the 2/8/02 Federal Register or http://www.ojjdp.ncjrs.org/jump/index.html for more information.

FLET College Intern Program Agency: U.S. Department of Treasury Next Deadline: May 17, 2002
Supports a 12-week internship (fall, summer, & winter/spring sessions) at the Federal Law Enforcement Training Centers (FLET) for Criminal Justice majors (seniors & graduate students) & those in variety of fields interested in a career in law enforcement. Participants conduct work assignments with a division supervisor & attend classes & activities at one of the FLET's training programs. E-mail blloyd@fletc.treas.gov for guidelines. Electronic application forms & information regarding application periods are available at http://www.fletc.gov/intern.htm.

Health/Mental Health

Basic Scientific Research Grants & Awards on Human Health Agency: Burroughs Wellcome Fund Next Deadline: May 01, 2002
Provides a variety of grants & awards in support of basic scientific research with relevance to human health. Programs include: Career Awards in the Biomedical Sciences (10/1/02); Investigators in Pathogenesis of Infectious Disease (deadline, 11/1/02); Career Awards at the Scientific Interface (deadline, 5/1/02); Institutional Awards at the Scientific Interface (tentative deadline, 5/1/03); & Clinical Scientist Awards in Translational Research (deadline, 9/1/02). E-mail: info@bwfund.org. See http://www.bwfund.org/calendar.htm.

Supports postdoctoral research dealing with all aspects of normal & abnormal growth, including the biological, psychological, educational & dietary aspects of human growth. Special consideration given to new researchers & for research showing strong promise for bringing new ideas into the field. Grants of $7,500 to $10,000 each will be awarded. Required letter-of-intent due 5/15/02. Invited full-proposals will be due at the HGF national office no later than 9/1/02. See http://www.hgfound.org/
then click on "Small Research Grant Program." E-mail: hgfl@hgfound.org.

Academic Research Enhancement Award (AREA)  
Agency: National Institutes of Health  
Next Deadline: May 25, 2002  
Provides renewable awards up to $100,000 over 3 years to support faculty research projects that strengthen the research environment of institutions providing health-related baccalaureate training for research scientists, but have received less than $2 million in NIH funding for 4 or more of the last 7 years. May include salaries for the PI & research personnel (including undergrad. & grad. students), supplies, equipment, & travel. Deadlines refer to postmark dates. E-mail: Willettmm@od.nih.gov. See PA-99-062 or http://grants.nih.gov/grants/funding/area.htm.

Research on Adult & Family Literacy  
Agency: National Institutes of Health  
Next Deadline: May 15, 2002  
NIA, NICHD & the National Institute for Literacy, support multidisciplinary research to develop new knowledge on adult literacy learning & knowledge of factors that influence the instruction & development of literacy (reading & writing) competencies in adults & in children (birth-kindergarten). Funds research to increase understanding of cognitive, sociocultural, & instructional factors, & complex interactions that promote or impede the acquisition of English reading & writing abilities in literacy programs. See http://www.nia.nih.gov/research/extramural/behavior/.

NRSA: Postdoctoral Training in Complementary/Alternative Medicine  
Agency: National Institutes of Health  
Next Deadline: Apr 05, 2002  
Supports postdoctoral researchers in the early stages of their careers (through the various Institutes & Centers at NIH), for studies on safety, efficacy, cost-effectiveness, or mechanisms of action of unconventional methods for treating major diseases & promoting well-being. Must work with a sponsor. Interests include: acupuncture; homeopathy; chiropractic massage; relaxation techniques; meditation; herbal therapies; & diet & lifestyle. E-mail: pearsonn@mail.nih.gov. See PA-01-088 in the 5/4/01 NIH Guide, or http://nccam.nih.gov/nccam/fi/research/training_new.htm.

Early Childhood Ed. & School Readiness Planning Grants  
Agency: National Institutes of Health  
Next Deadline: May 14, 2002  
NICHID, NIMH, the Department of Education, & the Administration for Children & Families, support planning grants in the effectiveness & efficacy of existing, modified or newly developed comprehensive & integrative curricula or integrative curriculum modules for children from birth to age 5 to promote learning & development associated with school readiness. Emphasis is on language, literacy, early mathematical knowledge, & other aspects of cognitive development, especially for children at risk for failure. See http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-02-005.html.

Bridges to the Baccalaureate  
Agency: National Institutes of Health  
Next Deadline: May 14, 2002  
Supports new partnerships between 2-year colleges & 4-year colleges to facilitate the transition of minority students into baccalaureate degree programs in the natural, physical & behavioral sciences. Projects should pay special attention to needs of minority students & could include research training, mentoring, faculty collaborations, seminars, & academic counseling. See RFA-GM-01-002, at http://www.nigms.nih.gov/funding/grntmech.html#bridges. E-mail: eckstrai@nigms.nih.gov.

General Grant Program  
Agency: Retirement Research Foundation  
Next Deadline: May 01, 2002  
Supports programs that improve services & care for the elderly, seek answers to diseases in the older population, educate policymakers about the needs & capacities of seniors, attract & train skilled professionals to serve older adults, expand employment & volunteer opportunities, & address 7 concerns of older Americans. Programs with potential for regional/national impact eligible nationwide. Projects without this potential may apply in IL, IN, IA, KY, MO, MI, WI, FL, & Chicago. E-mail: info@rrf.org. See http://www.rrf.org/welcome.html & click on "for applicants."

SAMHSA Conference Grants  
Agency: Substance Abuse and Mental Health Services Administration  
Next Deadline: May 10, 2002  
Supports domestic conferences for the synthesis & dissemination of knowledge to improve the quality of substance abuse & mental health treatment & prevention services. This is a SAMSHA-wide program supported by CSAP, CSAT & CMHS. SAMHSA provides up to 75 percent of the conference cost, to a maximum of $50,000. FY 02 applications due 1/10, 5/10, 9/10 & number of awards will depend on availability of funding. For further information see http://www.samhsa.gov/grants/grants.html.

Comprehensive Community Treatment for the Dev. of New Knowledge  
Agency: Substance Abuse and Mental Health Services Administration  
Next Deadline: May 10, 2002
Purpose is to generate new knowledge about substance abuse treatment, focusing on: special populations (African American, Hispanic/Latino, & other racial/ethnic minority youth & women); integrated substance abuse treatment, screening, & early intervention in non-traditional settings; & rigorous study of the effectiveness of new approaches. Division supports 2 types of grants: Studies of Treatment & Services Programs; & Exploratory/Pilot Studies. Up to 5 grants will be awarded. Annual application deadlines are 1/10, 5/10, & 9/10. See http://www.samhsa.gov/grants/grants.html. E-mail: info@health.org

Science/Engineering

Small Research Grants (deadlines, 5/3/02, 12/6/02) provide $500 to $5,000 in support of any type of astronomical research. Astronomers from smaller, less-endowed institutions are given priority for funding. Proposals will also be accepted from individuals not associated with an institution. All applicants must hold a Ph.D. degree. Acceptable costs include Page charges, computing, equipment, shipping of equipment, & travel to observatories. See http://www.aas.org/grants/ then click on "small research grants." E-mail: marvel@aas.org.

Provides grants of up to $10,000 for research & dissemination to increase the quality & value of plants, improve the productivity & profitability of the nursery & landscape industry, & protect & enhance the environment. Supports projects in marketing, genetic engineering, pest management, propagation, stress tolerance, water/fertilizer management & other areas. Applications are due no later than May 15th each year. See http://www.anla.org/research/index.htm then click on "grants."

Travel Grants Agency: Association for Women in Mathematics Next Deadline: May 01, 2002
Travel Grants for Women Researchers (deadlines, 2/1/02, 5/1/02, 10/1/02) support women in statistics & math to attend select research conferences in their fields in areas supported by the Division of Mathematical Sciences of NSF. A maximum of $1,000 is available for U.S. travel & $2,000 for foreign travel. Mentoring Travel Grants for Women (2/1/02) provide up to six grants of up to $4,000 each to help junior women develop long term working relationships with a senior mathematician. For details, see http://www.awm-math.org/travelgrants.html. E-mail: awm@math.umd.edu.

Advanced Scientific Research (Biological & Physical Sciences) Agency: Eppley Foundation for Research Next Deadline: May 01, 2002
Supports research in advanced scientific subjects in the biological & physical sciences for which federal support is not readily available. Grants are made to recognized educational & charitable organizations to support postdoctoral projects. Support is not available, however, for research on DNA, AIDS, cancer, or cardiology. Approximately 9 awards of up to $25,000 are made each year for 1 year of research. New investigators generally are not funded. All communications must be mailed or faxed to Huyler C. Held. Fax: 212/448-0066. Phone calls are not accepted. No website.

Science, Engineering, Liberal Arts, & Medical Research Program Agency: Keck (W.M.) Foundation Next Deadline: May 15, 2002
Supports equipment, facilities, fellowships, & basic research at the frontiers of science & engineering. The Foundation also supports excellent undergraduate college science programs & encourages multidisciplinary projects & multi-college cooperative science ventures. Past grants have focused on faculty-student research, strengthening foreign language programs, & incorporating new instructional technologies into the liberal arts curriculum. Deadlines for Phase I inquiries are 5/15 & 11/15, but call before applying. See http://www.wmkeck.org/files/aboutus.html. Email: scieng@wmkeck.org.

Math and Science Partnership Program Agency: National Science Foundation Next Deadline: Apr 30, 2002
Supports development, implementation, & sustainability of exemplary partnerships to enhance capacity of schools to provide a challenging curriculum for every student; to increase & sustain the number, quality, & diversity of pre K-12 math & science teachers; to engage in large scale reform through participation in a network of researchers & practitioners; & to engage the learning community in the knowledge base being developed in current & future NSF Centers for Learning & Teaching. Optional letters of intent due 3/15/02. See notice for varied contacts: Also, see http://www.nsf.gov/pubs/2002/nsf02061/nsf02061.html.

NSF Graduate Teaching Fellows in K-12 Education Agency: National Science Foundation Next Deadline: May 01, 2002
Supports fellowships to enable graduate students & advanced undergraduates in science, math, engineering & technology (SMET) to serve K-12 schools as resources. Academic institutions apply to support fellowship

National STEM Education Digital Library (NSDL) Agency: National Science Foundation Next Deadline: Apr 17, 2002
NSDL is a digital library that will constitute an online network of learning environments & resources for science, technology, engineering & mathematics (STEM) education at all levels. In FY 02, NSDL will support proposals that focus on any of the following 3 related tracks: collections; services; or targeted research. In FY 02, NSF expects to spend $25 million to make about 30 standard or continuing grants. Optional letter of intent due by March 13, 2002. Cited deadline is for required full proposals. For details, see http://www.ehr.nsf.gov/ due/ programs/ nsdl/. E-mail: due-nsdl-program@nsf.gov.

Instructional Materials Development Agency: National Science Foundation Next Deadline: May 01, 2002
Supports development of strategies & materials for students & teachers to improve science, math & technology instruction at all levels, including K-12, preschool & the transition from secondary school to college. Projects may revise existing materials or create new ones; develop modules or comprehensive curricula; & address any number of subjects. Focus areas are assessing student learning; developing comprehensive math curricula; & increasing technology education. Required pre-proposals due by May 1, & full proposals are due by August 26, 2002. See http://www.nsf.gov/cgi-bin/getpub?nsf02067.

Teacher Enhancement (TE) Program Agency: National Science Foundation Next Deadline: May 18, 2002 (target date)
Supports efforts to enrich & enhance the teaching experience of K-12 teachers of science, math & technology. Required pre-proposals are due 5/18. Full proposals due 6/10. Areas of interest are Local Systemic Change (supports school districts 7 their partners in reforming science &/or math education in grades K-12); Teacher Retention & Renewal; Mathematics & Science Courses for Improving Teacher Qualifications; Professional Development (PD) Materials; & PD with Emerging Technologies. Does not support curriculum or instructional materials development for students. See http://www.nsf.gov/cgi-bin/ getpub?nsf0160.

U.S. -- Americas Program Agency: National Science Foundation Next Deadline: May 01, 2002 (target date)
Provides support to young scientists & engineers from the U.S. & Latin America (including the Caribbean) for supplement costs of international research (travel & per diem), seminars, & short- & long-term visits for project development. In developing countries, there is support for activities focusing on developing-country problems, as well as dissertation awards for developing-country graduate students to work at U.S. institutions. Deadlines are for projects with Argentina, Brazil, Chile, Mexico, & Venezuela. See http://www.nsf.gov/sbe/int/ americas/start.htm.

Programs address pollution avoidance/prevention processes, methodologies, & technology research. Applicants strongly encouraged to collaborate with industrial partners on research issues that link fundamental & applied aspects of pollution prevention/avoidance. Cited deadline is for FY 02 Decision Making & Valuation in Environmental Policy Research Program proposals, available only on EPA’s Web site (http://es.epa.gov/nceer/rfa/02dnvpep.html). The FY 02 Technology for a Sustainable Environment competition should be announced in the fall of 2002. E-mail: roconnor@nsf.gov.

Cottrell College Science Grants Agency: Research Corporation Next Deadline: May 15, 2002 (target date)
Supports original research in non-PhD granting departments of chemistry, physics, & astronomy that will lead to significant contributions to scientific knowledge & enhance undergraduate participation in research-oriented teaching programs. Emphasis is on initiatory funding. Equipment, supplies, summer stipends & travel may be supported. Awards are designed to provide summer support & currently average about $35,000 over up to 2 years. Target dates for completed applications are 5/15 & 11/15. Email: awards@rescorp.org. See http://www.rescorp.org/.

Tropical Research Institute Fellowships (Various Academic Levels) Agency: Smithsonian Institution Next Deadline: May 15, 2002
Supports programs in residence at the Tropical Research Institute located in the Republic of Panama in tropical biology, ecology, behavior & evolution of terrestrial & marine organisms, archeology, paleontology & human ecology. The following have 1/15 deadlines: Graduate Student Fellowships; Predoctoral Fellowships; Postdoctoral Fellowships & Senior Postdoctoral Fellowships. Short-Term Fellowships (deadlines, 2/15,
5/15, 8/15, 11/15) support 3 months of research & travel costs in the tropics. See http://www.si.edu/stri/What_we_do/Fellowship_Opportunities.html.

Community Food Projects Program
Agency: U.S. Department of Agriculture
Next Deadline: Mar 22, 2002
Supports the development of community food projects designed to accomplish the following: meet the food needs of low-income people; increase the self-reliance of communities in providing for their own food needs; & promote comprehensive responses to local food, farm, & nutrition issues. Projects should take a broad-based approach & develop long-term solutions to help ensure food security in communities by linking the food production & processing sectors to community development, economic opportunity, & environmental enhancement. E-mail: mbailey@reeusa.gov. See http://www.reeusa.gov/crgam/cfp/community.htm.

Early Career Principal Investigator Program
Agency: U.S. Department of Energy
Next Deadline: Apr 17, 2002
Provides up to $4 million in awards to support research in mathematics, computer science & high-performance networks in 2002. Up to 40 awards anticipated for this year. Eligibility is restricted to tenure-track regular academic faculty investigators who are no more than 5 years beyond completing a PhD or equivalent, or a postdoctoral position. Applicants are encouraged to collaborate with DOE National Laboratory researchers. See http://www.sc.doe.gov/production/grants/Fr02-16.html. E-mail: walt.polansky@science.doe.gov.

Individual Research Grants Program
Agency: Wenner-Gren Foundation for Anthropological Research
Next Deadline: May 01, 2002
Provides up to $25,000 for basic research in all branches of anthropology. Goal is to seed innovative approaches & ideas, to cover specific expenses or phases of a project, & to encourage aid from other funding agencies. A few awards are available for projects to develop resources for research & scholarly exchange. Program receives over 900 applications each year; about two-thirds are for Dissertation Fieldwork Grants & one-third for Post-PhD Grants. See http://www.wennergren.org/ then click on "programs."

One of the National Science Foundation's (NSF's) most recently created program offerings also represents what is perhaps the agency's most creatively named program: the Assembling the Tree of Life Program-to construct a phylogeny for the 1.7 million described species of life-, which will receive support through NSF's Directorates for Biological Sciences (BIO), Computer and Information Science and Engineering (CISE), Geosciences (GEO), and Social, Behavioral and Economic Sciences (SBE). Optional letters of intent to apply are due by March 29, 2002, and full proposals are due by May 17, 2002. See http://www.nsf.gov/pubs/2002/nsf02074/nsf02074.html

Visit the Sponsored Programs Web site at
http://www.elon.edu/sponsoredprograms/

Proposals Submitted
11/20/01-2/15/02

Basirico, Laurence. Sociology and Anthropology. $76,872 requested from the National Science Foundation for Negotiating Paradigms and Realities at Family Reunions: A Test of Social Constructionist Theories of the Family.

Berry, Jonathan. Computing Sciences. $36,792 requested from the National Science Foundation for Satellite Reconnect Project.

Gillespie, Stacey and Sienerth, Karl. Chemistry. $9,000 requested from the Pittsburgh Conference Memorial National College Grants for Instrumental Improvements for the Chemistry Curriculum at Elon University.

Gillespie, Stacey. Chemistry. $14,472 requested from the Dwight D. Eisenhower Professional Development
Program for Operation Chemistry-Continuing the Capacity to Build on Long-Term Success.


**Karty, Joel. Chemistry.** $34,860 requested from Research Corporation for Periodic Precipitation (Liesegang ring formation) Reactions: A Mechanistic Study Using Laser Light Scattering and Electrochemical Measurements.

**Peters, Rebecca; Religious Studies. McBride, Richard; Chaplain’s Office.** $50,000 requested from the Lilly Endowment, Inc. for Transforming Self and Society: An Exploration of Ethics and Vocation.

### Awards Received
11/20/01-2/15/02

**Gillespie, Stacey. Chemistry.** $14,472 received from the Dwight D. Eisenhower Professional Development Program for Operation Chemistry-Continuing the Capacity to Build on Long-Term Success.

**Niedziela, Linda. Biology.** $9,738 received from the North Carolina Biotechnology Center for Incorporation of Polyacrylamide Gel Electrophoresis and Western Blotting into Laboratory Courses.

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