

PRESIDENT'S REVIEW

& ANNUAL REPORT

1995

THE ROCKEFELLER FOUNDATION

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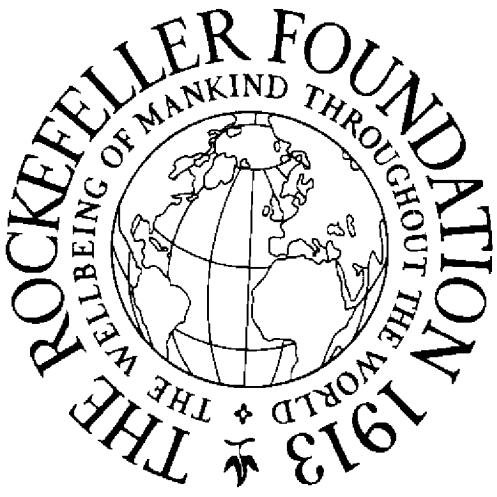


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ABOUT THE COVER: A simple wooden box holds a variety of plant seeds at the Kenya Institute of Organic Farming near Nairobi. Seeds symbolize hope and vision for the future.

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## THE FOUNDATION

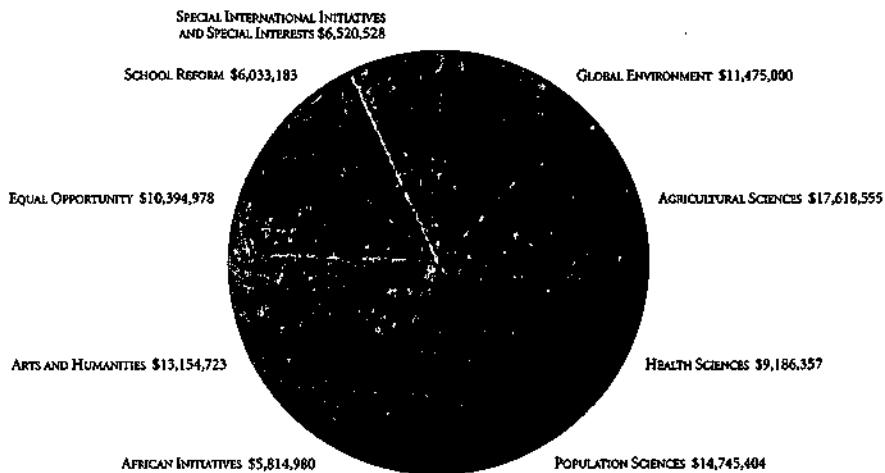
**T**he Rockefeller Foundation is a philanthropic organization endowed by John D. Rockefeller and chartered in 1913 for the well-being of people throughout the world. It is one of America's oldest private foundations and one of the few with strong international interests. From its beginning, the Foundation has sought to identify, and address at their source, the causes of human suffering and need.

While concentrating its efforts on select programs with well-defined goals, the Foundation adjusts its course to reflect needs as they arise. Its work lies in three principal areas: the arts and humanities, equal opportunity and school reform, and international science-based development, which encompasses the agricultural, health, and population sciences, global environ-

ment, and several special African initiatives, including female education.

The balance of the Foundation's grant and fellowship programs supports work in international security, international philanthropy, and other special interests and initiatives. The Foundation maintains the Bellagio Study and Conference Center in northern Italy for conferences of international scope and for residencies for artists, scholars and policy-makers, and other professionals from around the world.

The Foundation is administered by its president through a staff drawn from scholarly, scientific and professional disciplines. An independent board of trustees, which meets four times a year, sets program guidelines and financial policy, and approves all appropriations.



*Chart depicts—  
by the nine core  
strategies—the  
grants, appropri-  
ations and fellow-  
ships approved in  
1995 totaling  
\$94,943,708.*

## THE PRESIDENT'S LETTER

**A** rich man is arrested for murder. The case is largely circumstantial. He hires the best lawyers money can buy and is acquitted. But this commonplace scenario is laced with explosives of race, television hype and celebrity gossip that rivet and divide a nation.

A group of self-proclaimed vigilantes bursts into a hall in a small community in Michigan. They disrupt a town meeting and intimidate local officials.

A federal building in Oklahoma City is bombed, 168 people, including 19 children in a day-care center, are killed. A suspect linked with anti-government paramilitary organizations is charged with the bombing.

These events of 1995 illustrate the uncertainty, cynicism and violence into which some Americans have fallen. And they motivate this Foundation to intensify that part of the energies, resources and ideas it devotes to domestic issues and to find new ways to strengthen American communities, American families and American democracy.

Occasionally the angle and character of issues raised by a particular event expose fault lines that plunge deep into the emotional core of a society. That event then assumes symbolic dimensions and becomes charged with deeper tensions. What did the O J Simpson trial tell us about where we are and the choices we face?

*What did we Americans see as we watched the trial?*

*What each of us saw depended upon our own life experiences. Some Americans thought they saw two standards of justice—one for the rich and one for everybody else. Some Americans thought they saw a court system tied in knots and powerless to make the trial even a remotely reasonable undertaking for the jurors, who for a year were excluded, hectored, sequestered and kept waiting while technicalities and procedural motions were argued. Some Americans thought they saw a sworn officer of the law he in court, and found in his casual display of racial prejudice a poison present in important measure in many law enforcement agencies across the country.*

*Some Americans thought they saw a black defendant they believed was almost certainly guilty escape conviction because his lawyers fanned the race issue and because a largely black jury made a decision based on racial solidarity. Some Americans thought that finally they had seen the system treat a black defendant exactly as it would have a white defendant.*

*Some Americans thought they saw a violent wife-beater who for years had gone unpunished because our society refuses to treat this crime seriously.*

*Some Americans thought they saw a press that was interested more in headlines than in truth, that paid or exploited witnesses for sensational interviews, and that approached an explosive trial*

*with a commercial mentality that seeks high ratings for soap operas.*

*And in the aftermath, all of us saw an America divided by the perceptions, passions and prejudices that the trial had laid bare. All of us saw an America with very little idea about how to heal itself.*

*Dark moods and trends that have been building in America for some time have begun to make themselves felt. Some were highlighted by the Simpson trial—racism and cynicism about the press are two. A third—contempt for institutions of government—was illustrated dramatically when a group of militiamen walked into a town meeting in Wellston, Michigan, on November 10 and intimidated local officials who were trying to conduct business. A fourth, economic insecurity, grows with the rising toll of layoffs and downsizings.*

*As income disparity between the rich and the poor grows, the sense of a level playing field erodes. In some communities religion, often a common ground for reconciliation and understanding, has become a battering ram of partisan aggression.*

*But there is room for hope as well as cause for apprehension.*

*The messengers of fear and reaction have not at this point coalesced into a dominant force. All over this country there are effective local initiatives forging shared understanding and building community. Even the press, that bastion of cynicism, has started to examine its own role and to ask whether, in*

*the century when humans formulated the law of relativity, the observer can really stand apart with such majestic detachment and impunity, as journalists sometimes pretend.*

*The job ahead is daunting but inescapable.*

*We urgently need to have a national conversation on race. We need to talk with candor about the implications of personal and institutional racism in order to overcome it. But in order to have a productive conversation about race, we need first to create a safe space for it, and to develop the skills to listen carefully and talk thoughtfully about this subject that Zora Neale Hurston called an “explosive on the tongues of men.”*

*We need to redefine carefully what opportunity is to mean in the changed circumstances of 21st-century America and what rights and responsibilities will govern the terms of access to it. And we need to help some of our troubled institutions, such as the public school system and our ailing job market, to adapt so that they provide that opportunity for those who are prepared to work for it and play by the rules.*

*We must deliberate and then determine together what those new rules will be, rather than argue with recrimination over what was wrong with the old ones. We need to develop new leadership that can point the way to reform of these institutions and nurture values of responsibility and cooperation.*

*The Foundation will continue its exploration of ways to expand job opportunities for those isolated from the world of work, it will continue to advance urban school reform to scale, and it will support community building and community development to help neighborhoods and citizens use present assets to build social and economic capital. The Foundation will commit its resources and talents to this broad venture to preserve and renew our democracy and the American promise of opportunity.*

*This does not represent a change in the international orientation of the Rockefeller Foundation, what it reflects is the reality that the international and domestic landscapes resemble each other more and more. In an interdependent global community specific situations differ, but we all find ourselves moving on the same hinge of history.*

- rapid technological change and fierce economic competition and dislocation,
- recession of the public sector and the redefinition of responsibilities and opportunity that ensues,
- coming to terms with diversity, and understanding and engaging difference,
- environmental degradation, and the effort to frame and pursue a new development paradigm

*The following sections of this report describe the activities and grantees that the Foundation supports in addressing these challenges, starting with the international strategies that constitute the majority of our annual funding.*

*These pages lay out the Rockefeller Foundation's present contributions to the search for and pursuit of a path of sustainable development on this planet, these strategies will grow in scope and intensity. We will expand as well the intensity and commitment of our work in the United States—on race, on the issues of poverty and denial of opportunity, on the questions of individual and community responsibility, on the questions of shared values, the mutual obligations that underpin a democracy, and the new skills and understandings we will require if we are to build community and advance the common enterprise in a diverse nation.*

*Let us hope the work of healing and rebuilding can advance faster than the process of unraveling and polarization.*

*Let us act as well as hope, and let us commit ourselves to that work with tenacity, with imagination, with generosity, and with a spirit that recognizes we have much that is worth preserving, and that there is much yet to be built together.*



Peter C. Goldmark Jr.  
March 1996

## PROGRAM GOALS

**F**oundation programs are organized around nine core strategies and aimed at the goals listed in the first column at left, below. Together, these strategies constitute the Foundation's commitment to help define and pursue a path toward environmentally sustainable development consistent with individual rights and a more equitable sharing of the world's resources.

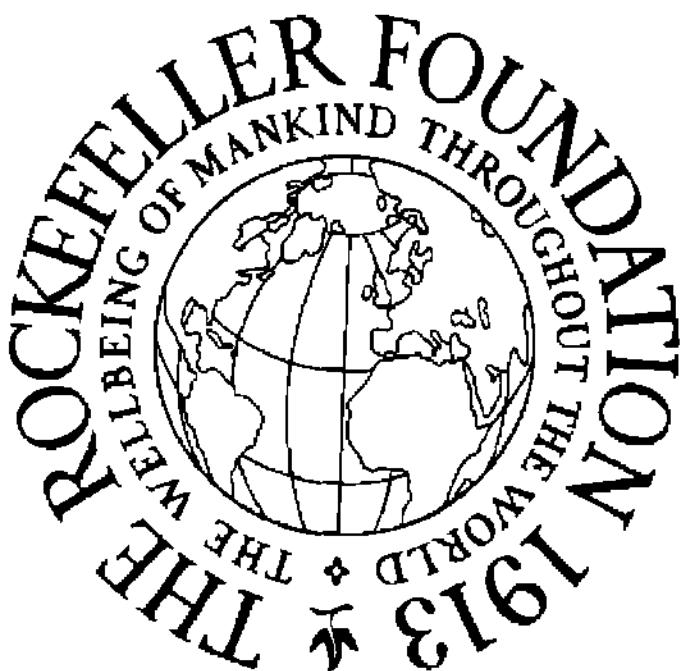
CORE STRATEGY	EXPENDITURE
<b>LEADERSHIP FOR ENVIRONMENT AND DEVELOPMENT (LEAD)</b> Train the next generation of leaders in interdisciplinary, intersectoral approaches to ecologically sound development.	\$ 6,100,000
<b>ENERGY TRANSITION</b> Promote transition to ecologically sound and economically viable patterns of energy production and use.	\$ 5,375,000
<b>CROP YIELD</b> Increase food production in selected developing countries.	\$ 16,291,355
<b>POPULATION-BASED HEALTH CARE</b> Building Human Capacity for Population-Based Health Care.	\$ 9,186,357
<b>MOBILIZATION FOR UNMET DEMAND</b> Mobilize during the next decade the resources to ensure availability of high-quality reproductive health and family planning services to all women in the developing world that want them.	\$ 14,745,404
<b>FEMALE EDUCATION</b> Close the gender gap in school enrollment and achievement in sub-Saharan Africa.	\$ 4,050,000
<b>UNDERSTANDING DIVERSITY</b> Support efforts to understand diversity and bridge differences in culture, class, ethnicity and tradition.	\$ 11,969,585
<b>JOBS/COMMUNITY BUILDING</b> Create job opportunities and community support that enable all those who can work to join the mainstream economy.	\$ 6,796,778
<b>SCHOOL REFORM</b> Reform urban public school systems to enable the full integration of all youth into society.	\$ 5,583,183
In addition, the Foundation supports work outside these core strategies totaling \$14,846,046. This includes Special International Initiatives and Special Interests.	



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INTERNATIONAL SCIENCE-BASED  
DEVELOPMENT

### GLOBAL ENVIRONMENT

**STRATEGY** *Train the next generation of leaders in interdisciplinary, intersectoral approaches to ecologically sound development*

The resources of nature are disappearing rapidly. Prevailing development practices have substantially undermined the planet's ability to regenerate, and have violated the ecological rights of individuals throughout the world. The widespread depletion of natural capital such as fertile topsoil, forests, rangelands and marine resources, coupled with diminishing supplies of breathable air and potable water, illustrate our swiftly deteriorating relationship with essential life-support systems.

A bold new vision and strong leadership are necessary to shape the way we interact with our natural surroundings. A better future depends on innovative, interdisciplinary decision-making that reflects transnational and intersectoral cooperation on issues concerning the environment. The path to sustainable development will require a new breed of international leaders and decision-makers who accept their responsibility for stewardship of the earth

To promote the transition to sustainable development, the Foundation created the Leadership for Environment and Development (LEAD) Program in 1991. This program is managed by

LEAD International, Inc., an independent, non-profit organization established in 1993. To date more than 430 professionals from more than a dozen countries have participated in the program. In 1995 new programs were started in Europe, Pakistan and southern Africa, and international training sessions were held in Costa Rica, Thailand and Zimbabwe. LEAD participants undergo 16 weeks of training over a two-year period, designed to strengthen the knowledge and skills necessary to implement creative development initiatives and prepare them for their roles as leaders in environmental stewardship.

The program's development has been overseen by its international steering committee whose members are distinguished in the fields of environment and/or development, and who represent business, government and nongovernmental organizations. National/regional steering committees of each participating country or region annually select up to 20 promising mid-career professionals from diverse backgrounds, ethnicities and disciplines to become associates in LEAD's two-year program.

Since the program's inception nearly 170 associates have completed their training, thereby becoming LEAD members and making them eligible for fellowship assistance. Such fellowships encourage members to cooperate in developing program and policy initiatives. One example of such

cross-national cooperation is a project funded in 1995 to undertake comparative research between China and the United States on issues concerning environment and law.

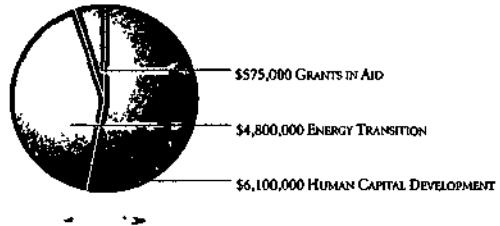
Several LEAD participants have already moved into positions of authority within their governments. A LEAD member has been elected to the Indonesian Parliament and has prepared his party's environmental-action plan. Several other Indonesian LEAD associates are setting up new institutions (including an eco-labeling agency) and implementing legislation or educational reform in the environmental sector. A Brazilian LEAD member participated in the national constitutional review of sustainable development. Several Mexican LEAD members are working in their country's newly formed Secretariat of the Environment, Natural Resources and Fisheries. In Russia a LEAD member has joined the Parliament and is preparing legislation to help foster sustainable development.

In Nigeria LEAD members have initiated the national program on environmental-impact assessment, and have launched an environmental-research consortium at the Center for Advanced Social Sciences. Another LEAD member has been appointed as head of the Energy Cooperation Group in the Commerce Bank.

To foster dialogue and information exchange between associates and members, LEAD

#### GLOBAL ENVIRONMENT PROGRAMMING: \$11,475,000

*Human capital for environmentally sound development  
Promoting the transition to environmentally sound  
and economically viable energy systems*



developed a global electronic information network called LEADnet. With LEADnet, associates and members can access a multimedia data-retrieval system that allows them to collect, analyze and exchange information critical to their work.

#### ENERGY

**STRATEGY** Promote the transition to ecologically sound and economically viable patterns of energy production and use

The continuing growth in humankind's need for reliable sources of energy is the cause of many environmental dilemmas. Traditional systems of generating electricity using nonrenewable fossil fuels and large-scale distribution have wreaked havoc on the global climate. There are few incentives to conserve energy. At the same time, this old energy paradigm has left millions of people in developing countries without regular sources of power.

Supporting the transition to a new, sustainable-energy paradigm is a primary goal of the Global Environment division. Such a new paradigm requires maximum and efficient utilization of renewable-energy sources and small-scale power generation techniques that are tailored to local conditions and the needs of communities and individuals. The paradigm will also require partnerships that can transcend the divisions between North and



#### Photograph Excised Here

South, the private and public sectors, and the worlds of scientists and consumers.

During the past five years the Foundation has supported the establishment of organizations in both the North and the South that assist in the transition to the new energy paradigm. E&Co., a nonprofit international energy service, was created with Foundation funding in 1994 to promote energy enterprises in developing countries. It works as an intermediary in the chain of partnerships necessary for economically and environmentally sound energy production. Among the activities of E&Co. are the provision of small grants to entrepreneurs, technical assistance, liaison with international funders and direct investment in projects. To foster cooperative energy projects, grants are designed to encourage similar investment from other sources including

With support from E&Co., the Solar Electric Light Fund produces and distributes solar home energy systems through a Tibetan monastery run store in rural Gantze province, western China.

government, the private sector, multilateral institutions and consumers.

Over the past year E&Co. supported a wide variety of innovative implementation approaches. In Guatemala, E&Co. provided \$90,000 to help a small, private power company attract financing for a hydroelectric project. The implementation strategy that was used to launch this small, private power-production project is expected to serve as a model in Guatemala and throughout the region.

In Morocco a \$55,000 investment from E&Co. was used to help develop a business plan for an enterprise involved in the assembly, marketing, finance and distribution of photovoltaic (PV) power generating systems. These systems convert energy from sunlight into electricity, and can be adapted easily for installation in individual households. The goal is to offer electricity to rural villagers in remote areas of Morocco at a price commensurate with their spending power. The business plan will be used to attract other investors such as the International Finance Corporation of the World Bank. This plan will result in a number of different PV electrical systems being offered through village-based franchises. The project will incorporate the best of what has been demonstrated successfully in Central America, China and India with the intent of reaching all rural income levels.

E&Co. also provided technical assistance to enable completion of the energy conservation-project design at a major manufacturing facility in Bombay, India. The implementation of this venture is expected to result in annual energy savings to the facility of 2.1 million kilowatt hours, equal to \$168,000 in annual energy-cost savings.

In addition to its support of E&Co., the Foundation made a grant to the Solar Electric Light Fund to complete the purchase of an equity share of a Chinese-American company that manufactures PV power generating systems in western China. Already production and sales of PV units by this company have exceeded original predictions in large part because of an unexpectedly high level of demand for PV systems from nomadic herdsmen—an unanticipated market niche.

In Jamaica the Foundation continues to support Solar Ocean Energy, Inc., in its efforts to demonstrate the commercial viability of a hybrid solar and ocean thermal-energy conversion technology as an affordable means of generating power. This technology mixes solar-heated surface waters with cooler waters from the ocean depths to generate electricity. It is environmentally benign and relies on the natural resources and climate of tropical island nations, significantly reducing the need to import more expensive sources of energy.



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*Enhancing the quality  
and strength of rice  
species is the answer  
to increasing pro-  
ductivity on tradi-  
tional rice farms. In  
Ubud, Indonesia,  
farmers improve  
on the techniques of  
their ancestors.*

Mexico is the site for the Foundation-supported feasibility study of the Integrated Solar Combined Cycle System, now nearing completion. The \$260,000 provided by the Foundation is part of a combined public/private development effort for this unique technology and has demonstrated the way public funds can be used to attract private funds to share the cost of new energy projects.

#### AGRICULTURAL SCIENCE

**STRATEGY** *Increase food production in selected developing countries.*

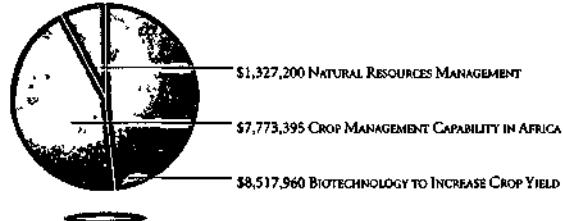
If the developing world is to meet its food needs over the next 40 years, raising the yield of staple crops is imperative. In Asia more than two billion people depend on rice as their primary food source. Supplying a growing population with an adequate food supply will greatly depend on advances in genetic technology. In eastern and southern Africa most countries now depend on maize as their primary source of human nutrition. The exception is Uganda, where bananas still serve as the staple food. Through field research that adapts yield-enhancing and resource-conserving technologies to the highly variable growing conditions found in Africa, it should be possible to help African farmers at least double their yields of these important crops.

In 1984 the Foundation initiated the International Rice Biotechnology Program with two goals: to increase by 2005 the yield of Asian rice fields by 20 percent without degrading the soil, and to enhance the biotechnology-research capacity of rice-dependent countries so that they are able to meet future food needs.

The Foundation initially channeled funds toward the development of new biotechnologies for tropical rice, including genetic engineering. Supplementing the genetic makeup of rice plants with particular genes from other species can lessen the need for such costly expenditures as chemical pesticides, and the labor and time involved in hybrid seed production. Numerous genetically engineered plants are now undergoing greenhouse testing. In 1995 a team of American and Asian scientists led by Pam Ronald at the University of California, Davis, cloned a gene for disease resistance that originated in a wild species of rice and genetically engineered it into important rice varieties that are susceptible to a prevalent pathogen. The result is a variety of rice more resistant to this pathogen than the source plants. This accomplishment demonstrates that biotechnology can broaden the genetic resources used in rice cultivation and accelerate the application of disease-resistant genes in rice breeding.

Any powerful new technology such as plant genetic engineering needs to be employed

AGRICULTURAL SCIENCES PROGRAMMING \$17,618,555  
*Increasing crop yield*



Just north  
of Denpasar  
Indonesia a local  
farmer tends her  
crop. The process  
of increasing rice  
yields begins in the  
laboratory but the  
end goal is bringing  
better rice plants to  
the fields and more  
rice to the markets



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wisely To this end, developing countries also receive funding for the design and implementation of effective biosafety systems The Foundation supports individual biosafety training programs in developing countries It also helped the Stockholm Environment Institute establish a Biotechnology Advisory Commission, which serves as an independent source of advice on biosafety issues

Since 1988 the Foundation has worked with farmers who cultivate small plots of land in Kenya, Malawi, Uganda and Zimbabwe with the goal of doubling their food production by the year 2015. Genetic improvements can help with this effort In Malawi higher-yielding varieties of the traditional hard kernel flint maize favored locally have resulted from the Foundation-assisted national breeding program Still, the yields obtained by

most African farmers are only a small fraction of the potential of the seeds they plant Improved soil, nutrient, water and pest management practices that are effective under local conditions and preserve resources are necessary In Malawi, Kenya and Zimbabwe, Foundation support is now concentrated on answering basic research questions What nutrients are missing from the soil and what pests are present that limit the productivity of maize based cropping systems in specific locations? What modifications in farming practices can be developed that are both capable of overcoming these constraints and that local farmers can implement? Much of this research is conducted in collaboration with farmers, and steady progress is being made

The perennial banana plant provides Uganda with its most important staple crop, but over the past 15 years yields have declined substantially In conjunction with the International Development Research Centre of Canada, the Foundation is helping Uganda improve crop-management practices to correct pest, water, nutrient and soil problems The Foundation also supports training and research programs at Makerere University and Kawanda Research Station that brings together national expertise under the Uganda National Banana Research Program

In many African countries simply expanding the area under cultivation will not meet

growing food needs. New technology is the key to higher yields and requires national resources in addition to international research and support. The Forum on Agricultural Resource Husbandry is a competitive grants program designed to support research on agricultural resources through training graduate students in African universities. Foundation support for the Forum links researchers from over a dozen institutions in eastern and southern Africa, forming a network that encourages high-quality policy work to improve the productivity of the smallholder cropping systems that are prevalent in Africa.

#### **HEALTH SCIENCES**

*STRATEGY: Building human capacity for population-based health care in developing countries.*

**A**ccess to quality, affordable health care is a basic need of people everywhere. Yet in the developing world, this basic necessity is often beyond the grasp of ordinary people.

Since its beginnings the Foundation has realized the unique role that it can play in helping to improve the state of the world's health. From the early days when Foundation staffers joined the fight to control the devastation of malaria and yellow fever, to our present-day efforts to slow the spread of AIDS and other sexually transmitted dis-

eases, the Foundation's Health Sciences division has been involved in shaping the international public health agenda.

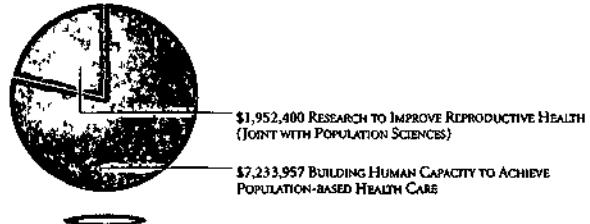
Foremost on the world's health agenda today is the need to stop the global HIV/AIDS epidemic. Since 1987 the Foundation has funded research on AIDS prevention and explored ways of teaching people how to change the dangerous behaviors that help spread this deadly disease. Today, in dollar terms, the Rockefeller Foundation is the largest U.S. foundation funder of international AIDS projects. Yet this clearly is not enough.

The HIV epidemic is spreading at an alarming rate, especially in parts of Africa and Asia. The World Health Organization estimates that, despite current prevention and educational efforts, 18 million people will become infected with HIV by the year 2000. This averages more than 10,000 people per day, of whom 90 percent live in developing countries. The devastating impact of this disease puts an inordinate strain on the public health and economic systems of developing nations that are least well-equipped to handle such effects. The social and human costs of this epidemic are enormous. And unless we take bold and innovative measures now, they will continue to magnify.

By 1990 HIV was the leading cause of death among adult males living in sub-Saharan Africa. In Thailand over 2 percent of the population

#### **HEALTH SCIENCES PROGRAMMING \$9,186,357**

*Build human capacity to achieve population-based health care.*





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A young son anxiously  
tends to his ailing  
father at the Kawila  
Royal Thai Army  
Hospital in Chiang  
Mai, Thailand

[17]

is already infected. AIDS is spreading rapidly there among married, monogamous, heterosexual women, who usually contract the HIV infection from their husbands.

Total funds spent worldwide for HIV-related care, research and prevention exceeds \$7 billion. Less than \$200 million of that money is spent for prevention in the developing world. Yet it is believed that even with a 10-15 fold increase in that spending the number of new infections would drop only by 50 percent.

Clearly if the epidemic is to be controlled, additional measures must be taken. In the past the key to the successful prevention of many other viral infectious diseases has been the development and distribution of safe, effective and inexpensive vaccines. The scientific community has made unprecedented efforts over the last decade in understanding the biology and pathogenesis of HIV. The need for a vaccine is clear and the impressive work of the last decade has led scientists to believe with cautious optimism in the real possibility of developing such preventive vaccines. However a number of obstacles—particularly to private-sector investment—make it unlikely that a vaccine that is appropriate for use throughout the world will be developed in a timely fashion.

To move toward the development of a useable vaccine against HIV, the Foundation is

working with a number of U.S.-based and international partners, including the new United Nations AIDS program, to help create the International Aids Vaccine Initiative (IAVI). IAVI's mission is simple: to accelerate the development of safe and effective preventive HIV vaccines appropriate for use throughout the world, especially in those areas where the disease is spreading most rapidly.

Throughout 1995 Foundation staff members, working with our partners in this project, hosted meetings with experts to design and organize the initiative, to develop IAVI's financial plan and to begin putting an organizational structure in place. The goals of this initiative are to develop a directed vaccine research program, and to create an environment more conducive to HIV vaccine development that includes investment by the private sector.



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*A new mother  
watches closely  
as her infant is  
weighed at the  
Family Planning  
and Infant  
Immunization  
Clinic near  
Nairobi, Kenya*

*Despite the fact that HIV infection is spreading most rapidly in the developing world, most current HIV-vaccine research targets the strain most prevalent in North America*

GEOGRAPHIC CONCENTRATION	NARROW FOCUS APPROACHES TO AIDS VACCINES						
	NORTH AMERICAN EUROPEAN STRAIN	STRAIN PREDOMINATING IN DEVELOPING COUNTRIES					
VIRAL SUB-TYPE	B	A	C	D	E	F	G
Peptides	+	•	•	•	•	-	-
Protein subunits	+	-	-	-	•	-	-
Virus-like particles	+	-	-	-	-	-	-
DNA	•	-	-	-	-	-	-
Live recombinant	+	-	-	-	-	-	-
Whole killed	-	-	-	-	-	-	-
Live attenuated	-	-	-	-	-	-	-

+ product in phase I/II trials in humans  
• product in development but not yet in human trials  
- no product in development

And in other AIDS-related work, the Foundation is in its seventh year of support for a comprehensive research project designed to help control the spread of HIV at the village level in countries of Africa. This project will also gauge the effects of treatment of sexually transmitted diseases (STDs) on the spread of AIDS.

Conducted in Rakai, a rural district of Uganda, the project assesses the effects of intensive, population-based treatment of STDs on stopping such diseases, and the effects of empiric mass treatment of STDs on the spread of new HIV infections. In this area of Uganda more than 50 percent of all women have at least one STD, and 17 percent of all adults are infected with HIV.

This effort, and others like it, demonstrate the vital need to improve the ability of developing nations to educate their citizens and to train health-care professionals.

The world's health problems are exacerbated by a shortage of well-trained health-care professionals in key parts of the world. This problem is most acute in Africa—where communicable diseases, reproductive-health problems and malnutrition continue to account for most of the morbidity and mortality.

Equally important as decentralizing health services in many African nations is the need for properly trained public health workers at the district and provincial levels. Over the last four years the Foundation's Public Health School Without Walls (PHSWOW) initiative has worked with local ministries of health and universities to develop jointly run, field-based degree programs for mid-to-senior-level public health officers.

First initiated in Zimbabwe in 1993, and in Uganda in 1994, the Foundation extended the program to Ghana in 1995, and began exploratory work in Vietnam. PHSWOW courses teach practical skills essential for the practice of public health, and are tailored to the specific health needs of each participating country.

Another effort designed to enable developing nations to improve clinical medical



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1201

Caregivers from  
Perman, a community-  
based organization  
that offers health  
services to women in  
New Delhi, India,  
make a home visit to  
answer questions from  
parents seeking family  
planning assistance.

services is the International Clinical Epidemiology Network, Inc. (INCLEN, Inc.). Started 15 years ago with a Foundation grant, INCLEN, Inc., now an independent nonprofit organization, continues to receive more than \$5 million annually from the Foundation to support clinical epidemiology training offered through more than 35 medical schools in 18 countries.

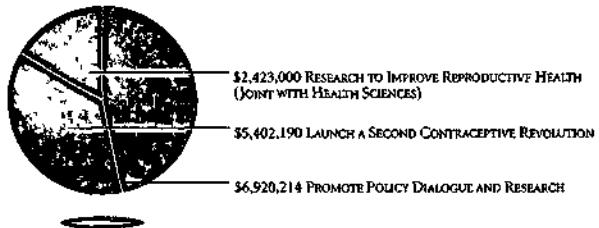
Much of the work of the Health Sciences division builds upon the power of collaboration—both in partnerships based on technology and alliances designed to attract additional funders for critical public health efforts. Since 1991 the Foundation has worked with a consortium of international funders on the Children's Vaccine Initiative (CVI). In 1995 the Foundation provided \$1.2 million to further CVI's work in making vaccines against childhood diseases—one of the most important public health discoveries—more appropriate for use in developing countries and more easily available to the world's children. For if we can help ensure healthier children throughout the world, the overall health of our global community will be improved immeasurably.

#### **POPULATION SCIENCES**

**STRATEGY** *Mobilize during the next decade the resources necessary to ensure availability of high-quality reproductive health and family planning services to all women in the developing world who want them.*

##### **POPULATION SCIENCES PROGRAMMING \$14,745,404**

*Mobilize resources to satisfy unmet demand for reproductive health and family planning services*



The Foundation's efforts to enhance reproductive choice extend throughout the developing world. The Population Sciences division supports developing countries in their efforts to implement effective population policies and to set up and maintain family planning and reproductive health programs.

It is the Foundation's belief that improving women's reproductive health will contribute directly to a decline in birth and death rates worldwide. Such a demographic transition—from high birth and death rates to low ones—is essential to a sustainable future.

The Foundation's grants help focus additional resources on fulfilling women's unmet need for reproductive health services, on encouraging new contraceptive technology—both for women and for men—and on encouraging the allocation of increased resources to providing such services and technologies. This is done in three key ways: by funding research, promoting communications and policy dialogue, and by forming partnerships between the public and private sectors.

During the past year significant progress was made in each of these three areas of emphasis. In search of ways to make reproductive health and family planning programs in the developing world more accessible to its citizens, the Foundation supported research that studied the

(21)

Young people gather outside a classroom in New Delhi, India, following a reproductive health course



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social, cultural and program-related factors that result in unmet demand for contraception. Foundation-supported projects also examined how the demographic transition is occurring in different settings. The Foundation has also taken steps to expand technical collaboration among nations. A good example of such collaboration is the Partners in Population and Development.

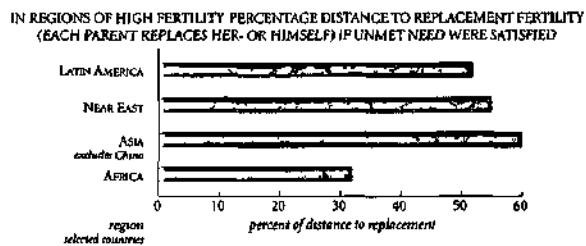
Formed in 1994 by 10 developing countries (Bangladesh, Colombia, Egypt, Indonesia, Kenya, Mexico, Morocco, Thailand, Tunisia and Zimbabwe) the Partners initiative was conceived as a way to further advance the Programme of Action agreed upon at the 1994 United Nations International Conference on Population and Development in Cairo. It is designed to build upon the experiences within these countries so that reproductive health and family

planning programs can be expanded throughout the developing world. In late 1995 the 10 member countries selected Dhaka, Bangladesh, as the site of the permanent secretariat. They also recruited staff and adopted a governing structure for the group. The task of the secretariat will be to help developing countries find collaborative opportunities and assist them with the development of proposals and fund-raising.

Foundation grants this year also enabled European journalists to visit reproductive health and family planning facilities in four Partner countries—Colombia, Kenya, Mexico and Tunisia. They helped Dutch and Swedish women parliamentarians visit programs in Morocco and Tunisia, and they funded a communications-strategy workshop for European family planning nongovernmental organizations.

Two years ago the Foundation's Health Sciences and Population Sciences divisions began a joint field-research program that focuses on neglected reproductive health services for hard-to-serve populations in sub-Saharan Africa and south Asia. The program identifies and tests models that are sustainable and applies them to three areas: services for adolescents (married and unmarried), reducing the severe health consequences of unsafe abortions, and prevention and treatment of sexually transmitted diseases (STDs) and other reproductive-tract infections (RTIs).

Chart If the demand for family planning and reproductive health services were met (unmet need), much of the gap between present family size and replacement level fertility would be closed



Early progress is encouraging. In New Delhi, India, a team of medical and social science researchers is collecting and analyzing data to determine how women seek help for STDs or other RTIs, and to document their actual levels of infection. Foundation grants help test new models of service delivery in field settings, and support research on ways to expand reproductive health services to adolescents—working with policy-makers, community leaders, potential users and service providers in Zimbabwe and Kenya.

In Zimbabwe the Foundation funded a joint study of the University of Zimbabwe and the Ministry of Health with technical assistance from International Projects Assistance Services of North Carolina in the United States to provide counseling, family planning methods, and health-referral services for women treated for post-abortion complications.

Current contraceptive options have given hundreds of millions of women unprecedented ability to control their fertility. However, millions more whose needs are unmet continue to have unwanted pregnancies, and many still rely on unsafe abortion as a means of birth control.

In most societies contraception is considered the responsibility of women. Foundation grants support a “woman-centered agenda”—family-planning methods that women can con-

trol—as well as those that encourage male participation and responsibility. Specific research centers on male methods and post-coital methods of contraception, as well as vaginal-barrier methods that protect against both pregnancy and sexually transmitted infections.

In April the Foundation convened a conference at the Bellagio Study and Conference Center to discuss how private/public sector cooperation can advance the woman-centered agenda. This meeting's success led to a joint effort with the Mellon Foundation and USAID to create a consortium for collaboration in contraceptive research—donors committed to promoting additional private/public sector partnerships in this field. A grant of nearly \$1.3 million to the Contraceptive Research and Development Program (CONRAD) at the Eastern

(23)



*A family planning and infant care clinic in Bali, Indonesia, becomes a central gathering place for members of the community.*

If all unwanted births were prevented the global number of births would drop from 139 million annually to 122 million (based on 1994 projections)

ASSUMPTION	NO OF BIRTHS EACH YEAR (MILLIONS)	% ANNUAL POPULATION GROWTH	% CHANGE IN POPULATION GROWTH RATE
UNITED NATIONS MEDIUM PROJECTION FOR CURRENT CONDITIONS	139	1.52	NA
ALL UNWANTED BIRTHS ARE AVOIDED	122	1.24	18.6

Virginia Medical School in the United States established a way for industry to contribute money to public-sector research institutions working in the early phases of contraceptive research and development. The program is open to firms from industrialized countries, from countries in transition and from developing nations interested in collaborations with the public sector. It is also open to individual researchers qualified to work with industry on contraceptive research.

### AFRICAN INITIATIVES

**STRATEGY** Close the gender gap in school enrollment and achievement in sub-Saharan Africa

Without investment in human capital, development will not occur. Only a steady reinforcement of human resources will enable low-income countries to adapt to a changing and increasingly technological world. Nowhere is this need greater than in sub-Saharan Africa—the continent with the highest rates of population growth, impoverishment, famine, infant mortality and illiteracy—and the continent least

successful to date in fashioning viable science-based development policies. Increasing the participation of girls in primary and secondary education, and enhancing training for African leaders in scientific and economic research and policy-making, are vital for Africa's long-term well being.

Under the auspices of the multi-donor Association for the Development of African Education (DAE), the Foundation leads a working group on female education whose objective is to close the gender gap in enrollment and performance, especially at the primary- and secondary-school levels. Through the African Academy of Sciences, nine DAE agencies support Africa's first competitive nationwide research-grants program designed to document gender disparities in education and identify effective interventions. Forty-three major projects are now under way, and 55 researchers have received assistance to develop concept papers into full proposals. Major themes include school dropout and adolescent pregnancy, gender participation in science education, and nonformal and re-entry programs for girls and boys. In addition, more than 150 researchers have taken part in seminars on research methodology held at African universities across the continent.

The Forum for African Women Educationalists (FAWE), an international nongovernmental organization (NGO) based in Nairobi,



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Kenya, is comprised of 40 women cabinet ministers and university vice chancellors from 25 countries. Established in 1992, FAWE seeks to eliminate gender bias in African education and, to that end, mobilizes local and international resources to improve the quality of education on the continent. During 1995 FAWE established 17 national chapters across Africa of government officials, researchers, NGO leaders, teachers and business people, and initiated an "affinity group" of male ministers of education that hold FAWE associate membership.

FAWE's work program, supported by 14 donor agencies, has four parts: (1) country grants for strategic resource planning and education finance reform; (2) seed grants for local experiments, selected by the national chapters, which include the provision of school fee subsidies, support programs for girls in math and science, alternative-education programs for girls who drop out of school and teacher sensitization; (3) innovation prizes, awarded by national chapters, to individuals and organizations whose programs are models of "good practice"; and (4) advocacy through multi-media approaches, such as the award-winning documentary film, "These Girls Are Missing." This film investigates the causes and consequences of girls dropping out of school as perceived by parents and the girls themselves within the context of their communities. FAWE is collaborating with two subcom-



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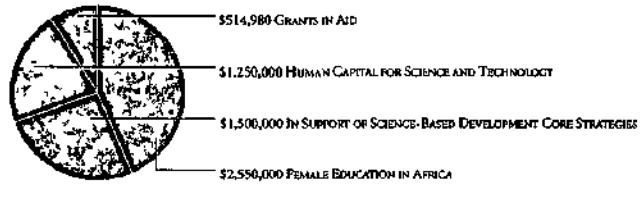
mittees of the DAE working group on female education; one to strengthen the role of NGOs in promoting and providing education for girls, and the other to enrich girls' education in science and math.

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The Foundation buttresses its core program on female education with the work of the African Forum for Children's Literacy in Science and Technology, which supports innovative programs both in and out of school that build on popular culture in the teaching of science. Through the competitive disbursement of small grants, the Foundation has supported a broad range of approaches to teaching children the practical application of science and technology in everyday life. In 1995 Forum sponsorship of an "All-Africa Conference on Science and Technology Education" in Durban, South Africa, brought together leading African

*Private school  
students from the  
Riara Ridge School  
in Nairobi, Kenya.  
Educating young  
girls from all social  
strata is a critical  
key to development  
in Africa*

AFRICAN INITIATIVES PROGRAMMING \$5,814,960  
*Closing the gender gap in education in Africa.*



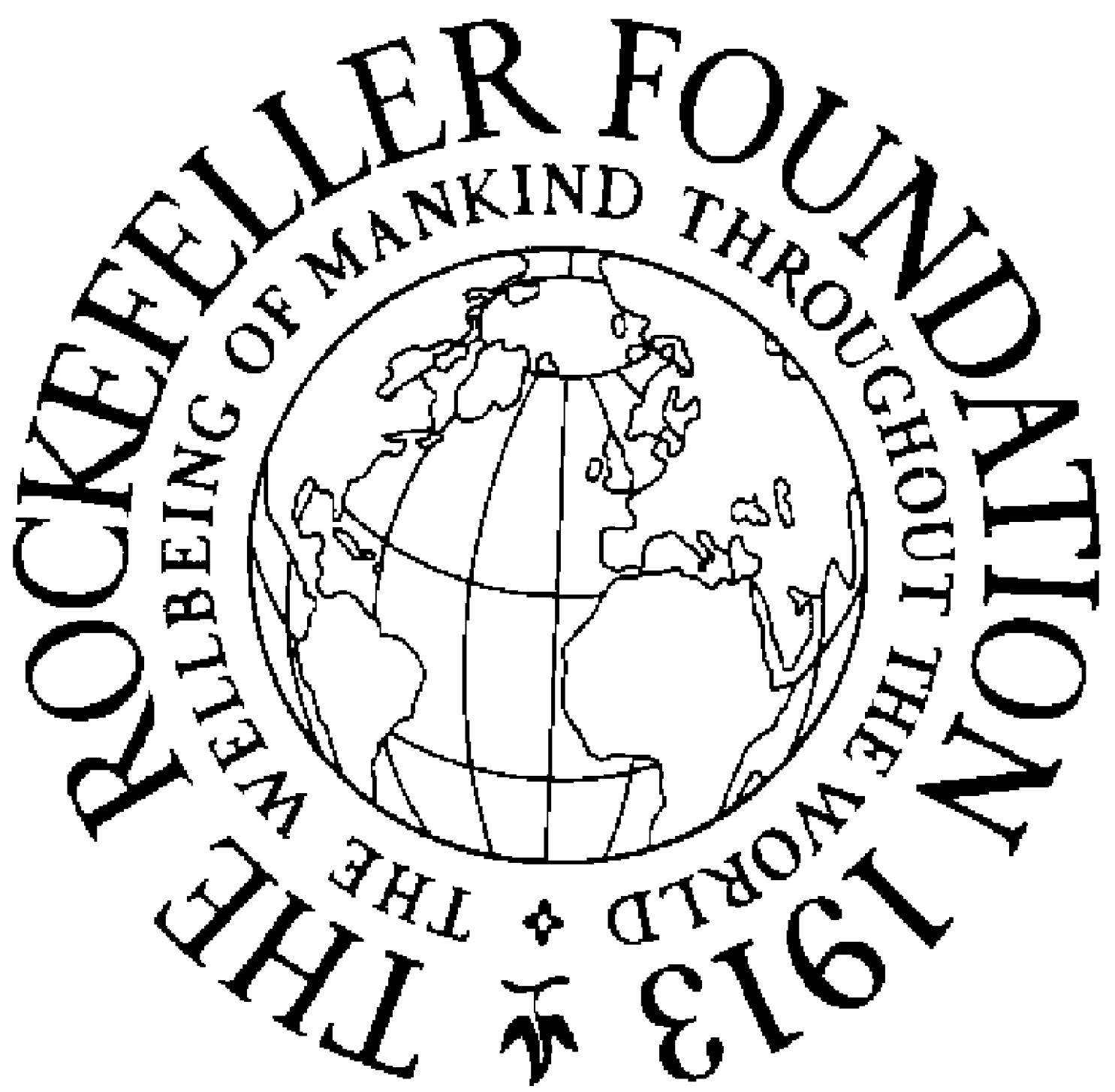
scientists and technology educators, scientists and members of the media to reflect on the state of science teaching in Africa, and on the philosophy, priorities and practices of science education required for the new millennium.

At the higher end of the education spectrum, the Foundation supports the African Economic Research Consortium (AERC), which offers economists research and training opportunities that universities in Africa are currently unable to offer. A 1988 response by donors to the need for enhanced economic research and in-country training, the consortium has since proved instrumental in building a critical mass of locally based professional economists who can help effect the policy reforms necessary for sustainable economic development. The AERC now draws on economists from 25 African countries—that speak English, French and Portuguese, plus South Africa—for peer review, teaching, research, participation in seminars and contributions to professional publications.

African Initiatives also supports the African Science-Based Development Professional Preparation Program. Its objective is to enhance the

home-based relevance, quality and utilization of doctoral training for African students enrolled in North American universities, particularly in science and technology. The program has three components. The African Dissertation Internship Awards (ADIA) component has produced, since its initiation in 1987, an influential pool of natural and social scientists trained to work in Africa. To date 215 internships have been awarded.

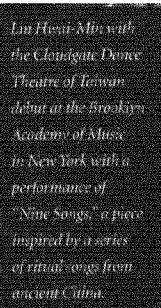
The second component—a workshop series coordinated by the University of California, Berkeley, and based at seven North American campuses—aims to improve the quality of research design and to enhance methodological and theoretical training. The third component is a two-year career awards program for alumni of ADIA and other Foundation fellowship programs. These awards will help facilitate the transition from academic life in North America to meaningful careers at home. They do this by supporting Africa-based research, and policy and program analysis. The awards also finance links between global and regional research/policy networks and local African institutions.



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### ARTS AND HUMANITIES

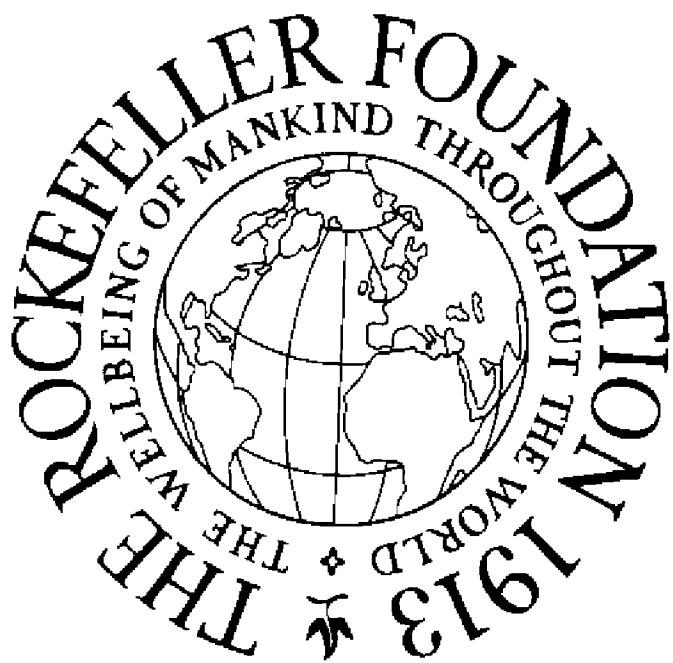
*STRATEGY. Support efforts to understand diversity and bridge differences in culture, class, ethnicity and tradition.*

When the Rockefeller Foundation began funding the arts and humanities in 1928, it did so in order to bring "balance" to the science and health programs that had made up the core of the Foundation's work for its first 15 years. In the nearly 70 years since then, the Arts and Humanities division has upheld that mandate, exploring the creative, artistic spirit and the pillars of thought and imagination that inform the human experience.

Writing in support of their inclusion in Foundation activities in 1924, Edwin R. Embree, secretary of the Rockefeller Foundation, wrote that the humanities and the arts deserved support in part because they were "in danger of neglect today in the world generally and in America in particular." He could not have known how appropriate his words would still be in 1995.

The debates over the importance to society of artistic and humanistic explorations continue and intensify today. The Foundation's continued support for these activities is based on the conviction that the root causes of societal change play themselves out in the arts and humanities in ways that interact with government, science or economics. The result is a unique perspective on the human condition. In times of transition or up-

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Puppets designed by  
Ralph Lee at the  
INLAR Hispanic  
American Arts  
Center performed  
the story "Popol Vuh,"  
the Quiche Mayan  
creation myth, at the  
International Festival  
of Puppet Theater.

[32]

heaval, when governments, scientists and economists have struggled to make sense of fragile social connections and institutions, societies have ultimately looked to their artists and scholars to understand the past, critique the present and imagine what might lie ahead.

In the world today boundaries are shifting; new social contracts are being drawn and national cultures are becoming blurred by technology, communications and commerce. It is more necessary than ever to connect through shared cultural traditions and interests. The Foundation's goal is not only to support the visions of artists and scholars, but also to understand the ways in which culture affects the behavior of communities—here in the United States, in other countries and wherever diverse cultures converge.

The strategy statement adopted in 1995 by the Arts and Humanities division reads: "Understanding and Engaging Difference Across Changing Societies." The phrase broadly reflects the many different creative and scholarly programs the Foundation currently supports.

One program that reaches across international divides is the U.S./Mexico Fund for Culture, a collaborative project of the Foundation and two Mexican partners, the Bancomer Cultural Foundation and Mexico's National Fund for Culture and the Arts. In 1995 the Fund awarded grants to 60



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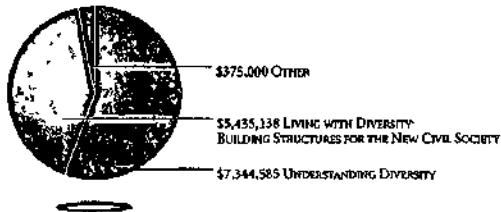
projects and exhibitions in dance, literature, visual arts and translation that help bring the people of the United States and Mexico to a better understanding of their differences and similarities.

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Another recently initiated program addresses community problems through cultural activities. Partnerships Addressing Community Tension (PACT) funds such projects as "Communities of Memory," a four-year initiative in Alaska that will help indigenous communities around the state preserve and share traditional culture and language through the collection of local oral histories and art forms. Another PACT project, the Asian-American Renaissance in Minnesota, will bring together Asian-American and African-American teenagers, using media and theater arts to address the tensions that are growing between these two groups.

#### ARTS AND HUMANITIES PROGRAMMING \$13,154,723

*Understanding and engaging difference across changing societies through the arts and humanities.*



The Whitney Museum was the site of an exhibition of photographs called "The Black Male Representations of Masculinity in Contemporary American Art" that examined perceptions of black men in the United States.

A scene from  
the theatrical  
adaptation of  
"Chronicle of a  
Death Foretold,"  
a short novel by  
Colombian writer  
Gabriel García  
Marquez.



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With the help of the Rockefeller Foundation since 1990, cultural institutions in Africa and Muslim-majority societies have undertaken projects exploring issues of pluralism and diversity in public discourse. In Turkey, for instance, the Foundation is now supporting the Economic and Social History Foundation's re-examination of critical themes in Turkish history as that country moves rapidly through a period of economic and social transformation. In another example, the Foundation supported the first-time participation of Arab publishers in the Jerusalem International Book Fair—an exchange of ideas and professionals that would have been nearly unthinkable at this event just a few years ago.

The Foundation's International Film, Video and Multi-Media Fellowship awards are made

annually to film and video makers who address issues of difference in their work. In 1995, 40 of these independent artists from the United States, Mexico, Brazil, Chile and Argentina received grants allowing them to continue and extend their innovative work to promote understanding across cultures.

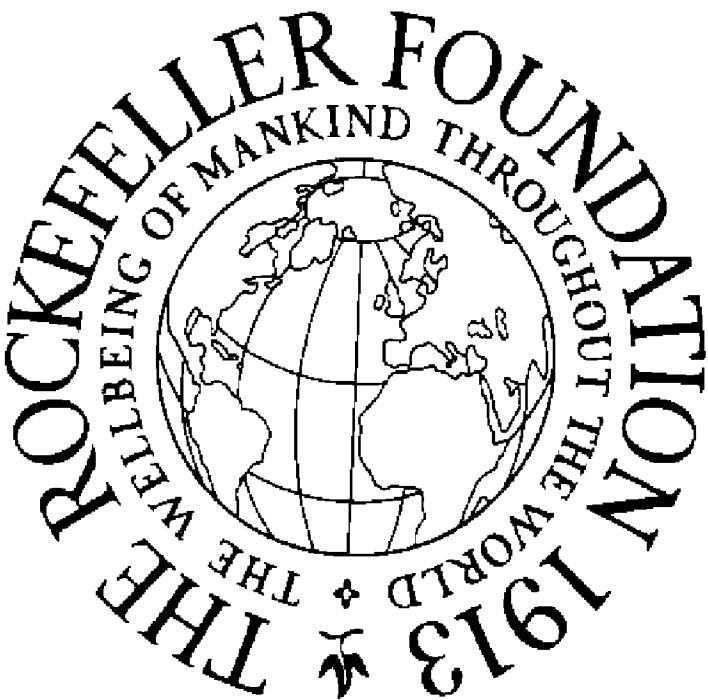
The Resident Humanities Fellowship program supports scholars and writers whose work furthers the understanding of contemporary social and cultural issues. An example funded in 1995 is a program at the Center for International and Comparative Studies at the University of Iowa in which scholars from outside the United States will gather to study the issues that unite and divide us within the United States.

Similarly, the Multi-Arts Production (MAP) Fund supports performing artists who explore issues of national identity in their work. This past year 39 projects were selected for the creation of new works in theater, dance and music. At the Tribeca Performing Arts Center in New York City, for example, choreographer Anita Gonzalez, designer Kimberly Bush, writer Dolores Prida and composer Tiye Giraud received funding for a theater work with dance and music about women immigrants and the difficulties of their acculturation. And Yale University, in conjunction with the Joseph Papp/Public Theater in New York, will produce a new play by Suzan-Lori Parks, directed by Richard



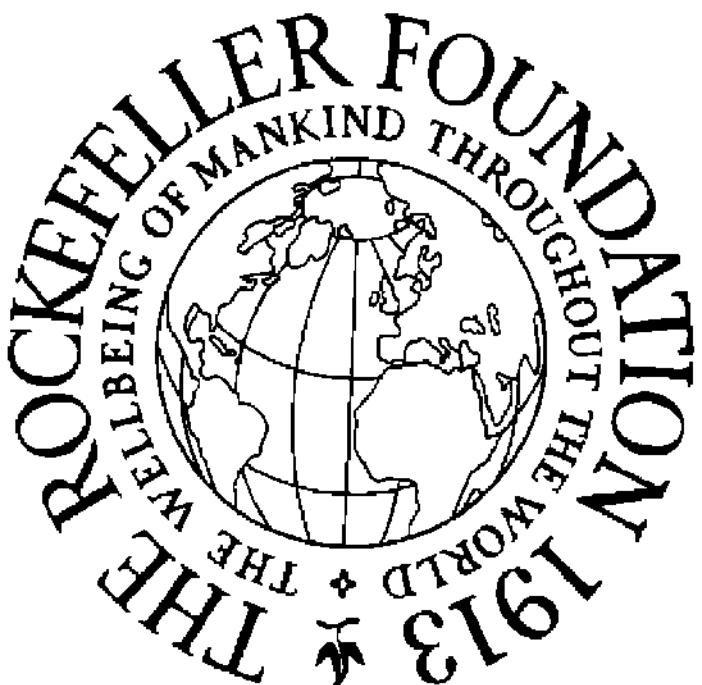
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*The tranquil setting  
of the Bellagio Study  
and Conference Center  
encourages the expre-  
sion of new ideas. A  
casual stroll through  
the grounds allows col-  
leagues an opportunity  
to share their thoughts.*



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Foreman, that explores the images and objectification of people and their cultures. In Philadelphia, Pennsylvania, the Annenberg Center received funds for a project dedicated to the artistry of the American composer John Coltrane. Composers, musicians and dancers will participate in this 16-month series of cultural events honoring Coltrane's work.

These few examples of the Foundation's activities in 1995 illustrate the broad purposes and the particular projects that the Foundation supports in its effort to address difference and foster understanding. All of these efforts depend, finally, upon the existence of free and open societies within which artists, intellectuals and opinion leaders can offer their diverse interpretations of the world we share. Preserving that freedom of expression is a fundamental aim of the Foundation's funding.

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### BELLAGIO STUDY AND CONFERENCE CENTER

For 36 years the Foundation has invited scholars and artists to experience the uniqueness of its Bellagio Study and Conference Center, on Lake Como, Italy. In 1995 men and women from more than 75 countries came to develop ideas and refine conclusions, collaborate on possible solutions to societal problems, and create new works of art and music.

At the Center, residents, conferees and teams work in an ideal international setting. The

three types of opportunities at Bellagio—individual residencies (one-month); team residencies, and week-long international conferences—enable the Foundation to explore a variety of topics. In 1995 these ranged from substance-abuse prevention to increased goat production in Zimbabwe; from educational competence to ethnicity and conflict in Southeast Asia.

The conferences held at Bellagio reflect the diversity and scope of Foundation interests and the professional commitments that Foundation staff and trustees bring to bear on a wide range of problems. Several conferences this year allowed in-depth study of work that supports Foundation goals, such as the conference on religious and civic pluralism in the Muslim world that was held in March.

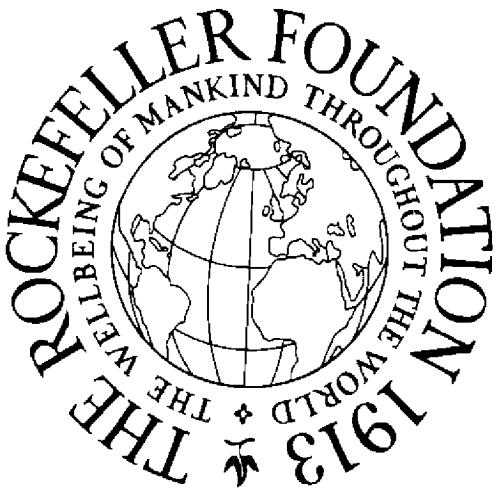
In November Foundation trustee Ela Bhatt convened a group that explored economic and social issues concerning street vendors in developing countries. The group examined their status, the laws that protect them and the social policies that affect their everyday lives.

Other conferences studied aspects of reproductive health: how to introduce emergency post-coital contraceptive methods in developing countries; collaborations between the public and private sector on new contraceptive technology; adolescent health interventions; and reproductive rights as human rights.

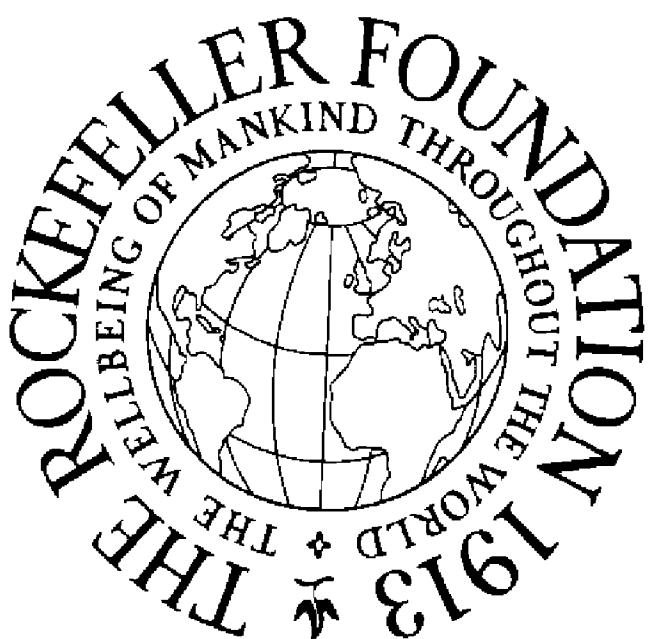
There were also conferences and teams devoted to studies of environmental management, international development aid, biotechnological challenges for law and ethics, the future of work in America, urban health challenges and reconciling freedom of speech and equality.

In 1995 the Bellagio staff supported 27 conferences and 10 team residencies. More than 140 scholars, artists and activists were in residence at the Center during the year to write books of scholarship, create works of art or compose music. Among the fellows were two Finnish economists writing on "The Great Depression of the 1990s in Finland"; a Senegalese historian working on a study of the cultural relations between Maghrib and Sudan in the writings of Ahmad Baba of Timbuktu (1556–1627); a senior correspondent for National Public Radio from the United States working on his memoirs; a Filipino clinical psychologist investigating the needs of sexually abused street children; a Chinese composer working on a concerto for quartet and orchestra; and an American poet completing his fourth collection.

The selection of these individuals, along with the many other distinguished scholars, writers and artists who were in residence in 1995, reflects the ability of the Foundation to bring together some of the world's recognized experts in their fields.



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[40] *With a surplus of old clothing donations at its thrift store in New York City, Housing Works established the Weaving Project, a business that turns old fabrics into rag rugs, decorative pillows and tapestries, and gives local residents meaningful work.*



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### EQUAL OPPORTUNITY

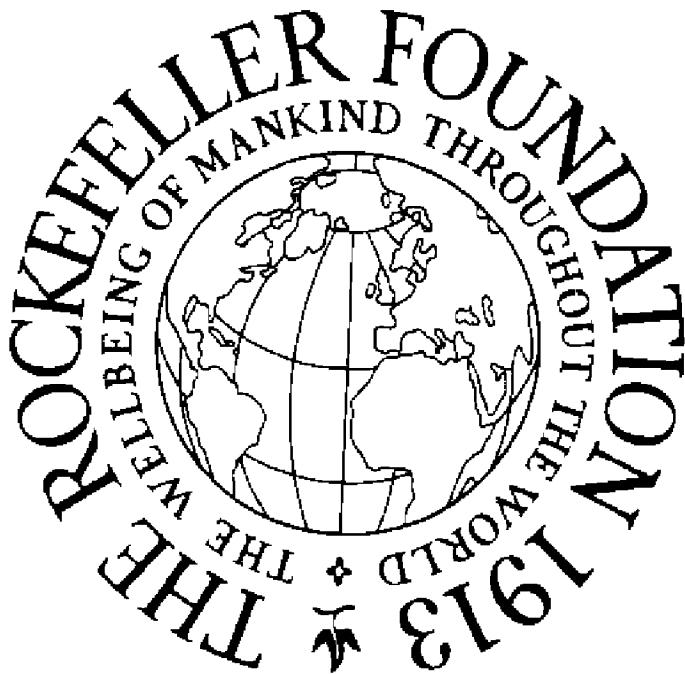
*STRATEGY: Create job opportunities and community support that will enable all those who can work to join the mainstream economy.*

The fundamental goals of the Equal Opportunity division are to reduce poverty in urban areas and to protect the rights of minorities in the United States. That has translated over the years into programs that foster self-sufficiency and community development in poor urban neighborhoods. But at a time in our history when the rules for finding and keeping employment are rapidly changing for all Americans, it is becoming increasingly difficult for those who live in urban poverty to find ways to work their way out of it. Social-service employment programs are being retooled, and the very nature of work is being transformed by technology and the dictates of a global economy. Resourcefulness, independence and creativity are the qualities employers most value now. Job training alone has proven inadequate for increasing employment among the urban poor, since there may not be enough job opportunities even for skilled workers.

As the core of its strategy in 1995 the Equal Opportunity division is concentrating on methods of finding or creating work opportunities for the 10.5 million Americans forced by poverty to the sidelines of the mainstream economy.

The root causes of joblessness among the urban poor are complex and need to be explored

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*The number of  
anxious job seekers  
far exceeds the number  
of available jobs as a  
postal official hands  
out applications for  
positions at a post  
office in Detroit.*

in depth. What affect do community access to jobs, economics, and social-service intervention have on joblessness? With these questions in mind, there are three aspects to the Equal Opportunity jobs strategy. The first is researching the impact of changing work patterns on the poor and society. We need to know more about the consequences of employment trends in order to develop policy responses that really work. The second is testing promising new ways of finding and creating job opportunities for residents of poor urban neighborhoods. This also involves developing those community-building initiatives that help residents to find and keep jobs. And third is informing the public policy debate on the issue of finding jobs for the poor.

In a two-year collaboration with the Russell Sage Foundation on the Future of Work, the Foundation will continue to investigate the trends affecting job availability for the poor. In the absence of much viable research in this area, this work could provide essential data by which we can assess our progress and evaluate future programs.

In 1995 the Foundation began a partnership with the Manpower Demonstration Research Corporation (MDRC) to develop a series of projects that would move beyond business as usual in connecting inner-city residents with the world of work. The effort is designed to promote access to or the creation of job opportunities, to

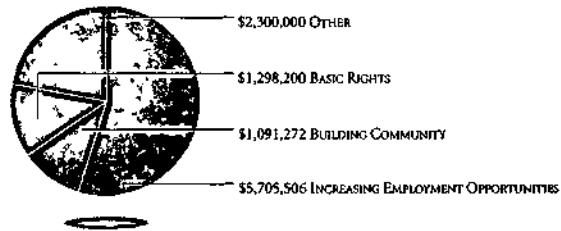
revive communities that have high concentrations of poverty, and to build a base of knowledge about innovative strategies for job creation.

MDRC is exploring whether market-like incentives can be useful in improving public and traditional employment-service programs for residents of poor neighborhoods. Two sites offer promising opportunities. With Foundation support the mayors of Milwaukee, Wisconsin, and Indianapolis, Indiana, are working on a competitive employment system that rewards job placement and retention. They are designing and trying out new local employment systems for job training and welfare that pay for performance, rather than services, as is customary under the existing system. The new plan would encourage competition among agencies—public as well as private, for profit and non-profit—and will target services to persons living in low-income neighborhoods.

In June 1995 the Foundation provided \$1.5 million for a three-year initiative in the cities of San Francisco, New York and Chicago, launched by the Corporation for Supportive Housing (CSH)—the only national intermediary in the supportive-housing industry. This project is designed to find or create work opportunities for residents of supportive housing, many of whom have suffered from mental illness or substance abuse in the past.

#### EQUAL OPPORTUNITY PROGRAMMING \$10,394,978

*Make jobs available and revitalize  
communities in the inner city*



Supportive housing provides permanent, affordable housing in combination with services such as job training, health care and day care, to help formerly homeless people rebuild their lives. In this new program CSH will assist local supportive housing providers in the three cities to develop work programs for their residents and to share information and methods with other providers nationally.

As part of the effort to help build healthy communities in poor urban areas, funding was provided in 1995 to the Urban Strategies Council so that it can implement the work of the National Community Building Support Center. The Urban Strategies Council is a locally based community-building intermediary that mobilizes civic leadership and confronts issues of racial and economic inequality. The Council is dedicated to reducing poverty and reforming public systems. The Support Center is designed to assist urban communities around the country in developing their own "locally based intermediaries" that will then carry out the community-building process.

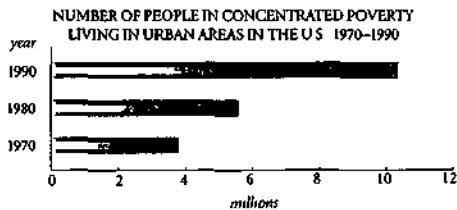
To help inform the public policy debate on employment issues for the urban poor, the Foundation is continuing to support the work of the Center on Budget and Policy Priorities. Using its extensive experience and expertise in analyzing pol-

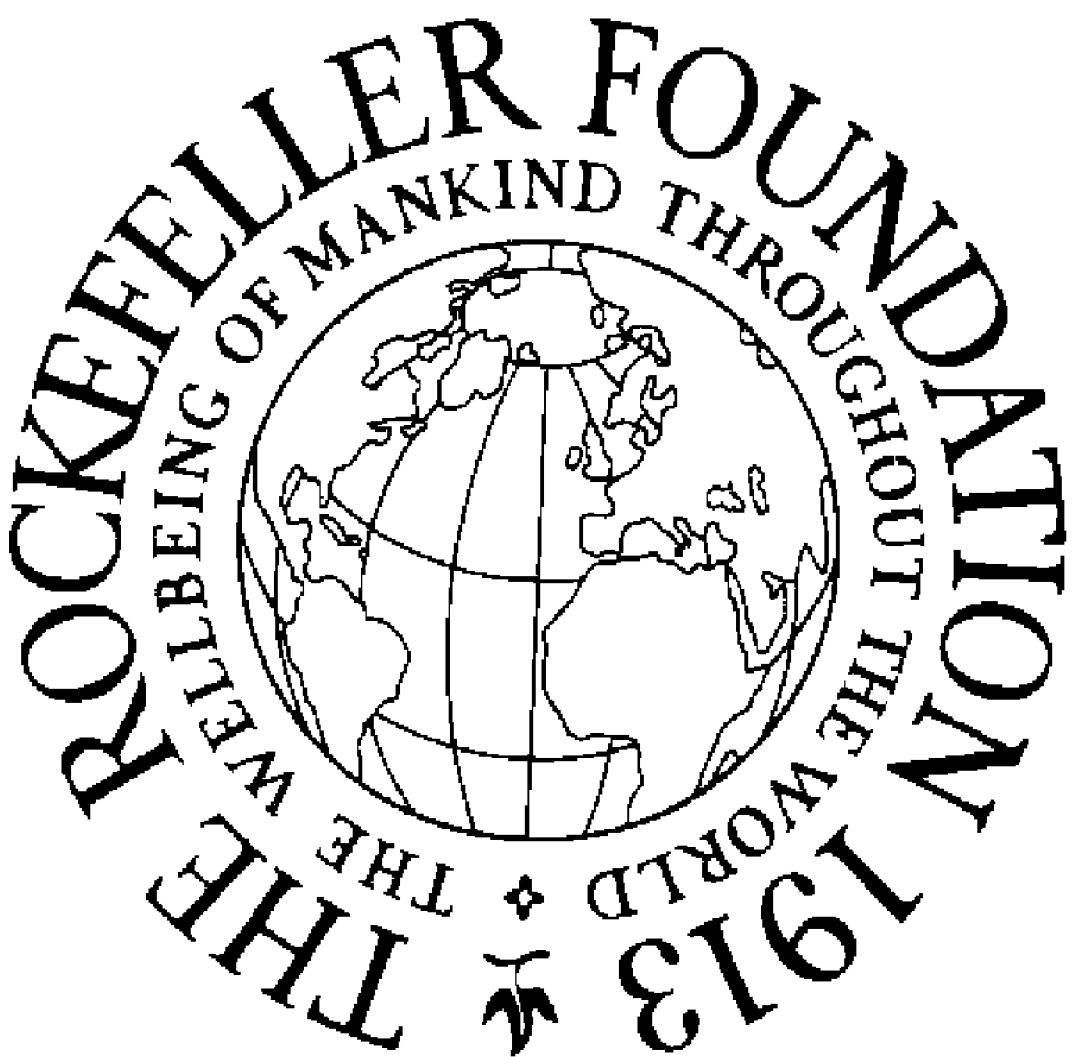
icy issues that affect low-income Americans, the Center will study four key areas related to the Foundation's jobs strategy: federal budget priorities, welfare reform, making work pay, and improving access to jobs.

Recent challenges to affirmative action programs nationwide threaten to reduce further the avenues of advancement for minorities and people of color. To better inform the debates surrounding the future of affirmative action, the Equal Opportunity division this year supported the work of the Urban Institute, the Lawyers' Committee for Civil Rights of the San Francisco Bay Area, and a collaboration of civil rights organizations coordinated by the Lawyers' Committee for Civil Rights Under Law in Washington, D.C.

The Urban Institute is conducting a review of affirmative action policies and programs, and is collecting new evidence on employer attitudes toward affirmative action in southern California. Also addressing current attitudes toward affirmative action in California will be the Lawyers' Committee for Civil Rights of the San Francisco Bay Area, which will be implementing public education programs on race and affirmative action, and working with diverse groups to help decrease social and ethnic polarization.

*Chart: The number of people living in concentrated poverty in urban areas in the U.S. has nearly doubled in just 10 years*

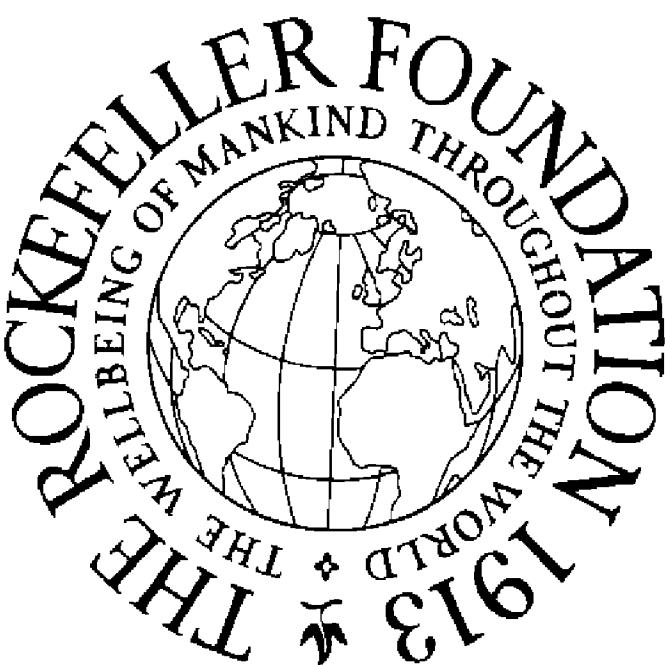




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"It takes a village to raise a child." Parents, teachers, administrators—entire communities—all have something to contribute to the education of our children.

[45]



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*Employees of the San Antonio Independent School District display a quilt depicting the missions of schools in the district. The project brings communities together in support of continuous learning.*



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### SCHOOL REFORM

*STRATEGY: Reform urban public school systems to enable the full integration of all youth into society.*

| I | It takes a whole village to raise a child. This paraphrasing of a common African adage represents the spirit of the Foundation's School Reform efforts. Each adult, and all elements of society, have a stake in maintaining the effectiveness of our public schools. Because urban public schools are often faced with insufficient resources—both human and financial—they are especially vulnerable.

In 1995 the School Reform program merged with the Equal Opportunity division, bringing together the Foundation's work in America's cities. Consistent with the focus of the Equal Opportunity division, School Reform activities are specially designed to improve the lives of children in poor communities and the lives of children of color. The Foundation's work acknowledges that public schools in urban districts serving large numbers of disadvantaged children are often not well served by traditional school-change strategies. As a result the Foundation has been pursuing new thinking and developing new approaches to making urban schools better. The mission is simple: to help children learn more.

The Foundation's School Reform activities have two major thrusts: professional devel-

(47)

*At the Zavala  
Elementary  
School in Austin,  
Texas, students  
develop their  
reading skills in  
an environment  
that encourages  
learning and  
creativity.*



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opment designed to improve the quality of teaching and learning, and the School Development Program created by psychiatrist James P. Comer. This year significant progress was made in each of these areas.

When the adults responsible for teaching children know more, and can be encouraged to continually upgrade their skills and broaden their experiences, children—especially those from neighborhoods and communities facing poverty, social problems or a loss of hope—will learn more. Traditional professional development efforts have been aimed at classroom teachers. The Foundation has broadened this concept to address the ways that teachers as well as other adults responsible for educating children—including administrators, support staff, union leaders, parents and community leaders—can improve their ability to teach, lead and

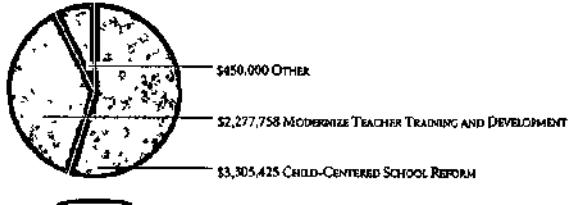
support educational communities. In early 1995, \$2.1 million was authorized for the first phase of a multiyear program that is devised to stimulate critically needed change in four major urban school districts: Albuquerque, New Mexico; Flint, Michigan; San Antonio, Texas; and San Diego, California.

Each of the districts will receive between \$250,000 and \$350,000 to help design and implement comprehensive professional development plans for all adults involved in teaching children. Focusing on long-term, lasting change, the grants will allow each of the four communities to explore new ways to improve continuing education for adults and to make much-needed systemwide infrastructure changes that will support such improvements on an ongoing basis.

With the selection of the four target cities, the Foundation also launched and is funding the Learning Communities Network to administer the initiative and support the reforms in these four communities. The Network will provide technical assistance and evaluation support, will work to forge constructive relationships among the communities involved, and will document their lessons for use in other urban communities.

For the past year the National Commission on Teaching and America's Future, created and supported by the Foundation and the Carnegie Corporation of New York, has been studying models

SCHOOL REFORM PROGRAMMING \$6,033,183  
*Reform of urban public school systems serving at-risk youth*





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Celebrating their success with a rock concert, students from Memorial High School in San Antonio, Texas, Their school had participated in *The Common Enterprise* (CE) program, which has helped decrease drop-out rates by 100 percent.

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and methods for how teachers can be prepared and assisted so that they are able to meet the demands of the 21st century. The Commission's report should be completed by September 1996, and its recommendations are expected to be essential in helping the nation to rethink and restructure the teaching profession.

Begun in 1968 with just two schools, the School Development Program (SDP) is now an internationally recognized way to improve the quality of education for children who face difficult life circumstances. In partnership with the Yale Child Study Center, Dr. James Comer's vision and methodology is now being tested in more than 600 schools in 20 states and the District of Columbia.

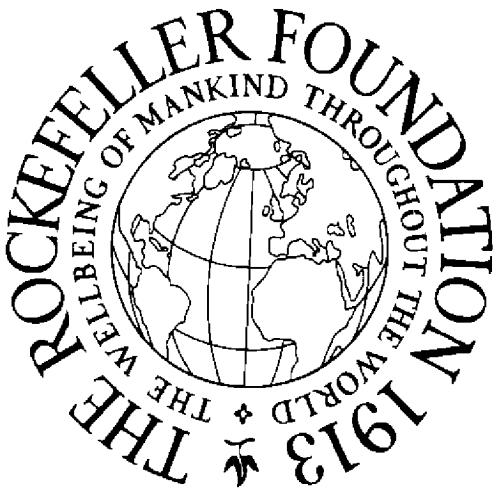
For six years the Foundation has been the primary philanthropic support for SDP with the purpose of expanding the number of schools using its techniques, incorporating Comer methods into teacher preparation and exposing policy-makers to the philosophy of the program.

This year witnessed a shift in focus by the SDP from an emphasis on supporting individual schools to gaining commitments for the program at the districtwide level. While many individual schools have successfully integrated SDP methods, extending such transformation to the

district and system levels has been more challenging. Although change within the school walls has been significant, such change cannot be sustained without stable support from the school district and the community. This is particularly true in light of changing political climates, increasingly fragmented human and financial resources, funding cuts, and the ever-present quest for a "silver bullet" to solve all of the country's education problems.

The progress made in Comer schools to date has been encouraging. New York City's District 13 in Brooklyn kicked off its first year of districtwide SDP implementation with a community celebration. Two-hundred-fifty parents, teachers, principals and administrators participated in a planning retreat, and all the district's schools have local governance teams.

In Dallas, Texas, where the SDP has been chosen as the model for local school decision-making, many schools are showing academic achievement gains, and parents and other community members are involved in greater numbers and in more meaningful ways than in the past. And in Washington, D.C., a cluster of schools using SDP for several years is now focusing on improved classroom instruction with an emphasis on child development.



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## SPECIAL INTERNATIONAL INITIATIVES AND SPECIAL INTERESTS

### INTERNATIONAL SECURITY

**W**idespread proliferation of weapons of mass destruction poses unacceptable risks to every nation. Yet, more countries have gained the capability of manufacturing these weapons along with the missile systems that can rapidly deliver the weapons to their targets. Clearly, a radically different approach to arms control is vital. The Foundation's program in International Security operates from a belief that incentives to cooperate wield a power that no weapons can match.

The Foundation engages a diverse worldwide network of stakeholders to explore ways to abolish weapons of mass destruction. When a small group of pragmatic leaders within a country is willing to address the issues of basic security, unforeseen possibilities for change often come to the fore.

In 1995 the program in International Security focused its work on three countries whose future actions could decide the course of nonproliferation: India, Iran and North Korea. Projects funded include ongoing support for the Northeast Asia Peace and Security Network's e-mail network and Seton Hall's Project on Korea. Other Foundation grantees are considering ways to hold discussions on nuclear proliferation that would include Iran. Another working group of influential participants

from both India and the United States met at Pocantico Hills, New York, to study nuclear and missile proliferation in southern Asia.

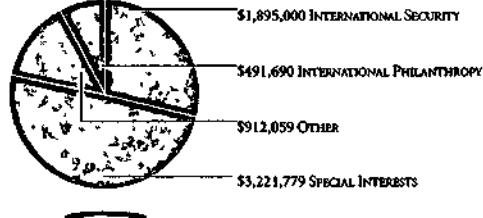
### SPECIAL INTERESTS

**T**he Special Interests fund supports important projects that do not otherwise qualify for assistance from the principal programs of the Foundation.

Among the 1995 recipients are a variety of affinity groups working in philanthropy—including Asian/Pacific Islander-Americans, Hispanics, blacks and women. The Foundation also supported AVANCE, a family-support program in San Antonio, Texas, that assists low-income parents to develop the skills necessary for good parenting and enhanced employment. Another 1995 project was a special issue of the political magazine *Dissent* that will examine the rights of minorities around the world within their respective sociopolitical contexts.

Outside the United States this fund supported the two newly formed international criminal tribunals established to act on war crimes committed during the conflicts in Rwanda and the former Yugoslavia. These tribunals will be the first internationally established courts in history to prosecute persons found responsible for violations of international humanitarian law, such as genocide.

SPECIAL INTERNATIONAL INITIATIVES AND  
SPECIAL INTERESTS PROGRAMMING \$6,520,528  
*To work toward the abolition of weapons of mass destruction.*



## 1995 GRANTS AND FELLOWSHIPS

The Foundation makes awards in several ways:

- *Appropriations*, which are major initiatives approved by the Board of Trustees. An appropriation may be made directly to a grantee organization or it may be made for allocation by the officers of the Foundation to many different grantees.

- *Grants in aid*, which are grants generally of \$150,000 or less per year available for a period of no more than three years and approved by the Foundation's officers without the need for advance approval by the Board.

- *Advanced Training Fellowships*, which are awarded primarily to individuals who are affiliated with developing-country institutions with whom the Foundation has a working relationship, and to which the fellow will return in a teaching or research capacity upon completing doctoral or postdoctoral training.

In 1995 the Board of Trustees held four meetings at which it reviewed and approved a total of 57 funding proposals. Sixty percent of these appropriations were made for allocation by the Foundation's officers. During the year, the officers made more than 700 grants from these and earlier years' appropriations.

In addition, from a board-approved budget of \$7 million,

the officers approved some 250 grants in aid during the year.

In the listings that follow, grants are grouped according to the initiating program area and then in one of three categories: *Current Major Initiatives*, which are board-approved appropriations—distinguished by the color—that will continue next year, along with officer-approved allocations made from those appropriations; *Other Grants*, which are officer approved grants in aid, as well as board-approved appropriations that are no longer current initiatives; and *Advanced Training Fellowships*.

In the listings that follow, grants are grouped by appropriation followed by corresponding allocations and each direct allocation. The series of three dots (•••) separate appropriations.

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GLOBAL ENVIRONMENT	[54]
AGRICULTURAL SCIENCES	[55]
HEALTH SCIENCES	[65]
POPULATION SCIENCES	[69]
AFRICAN INITIATIVES	[75]
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ARTS AND HUMANITIES	[80]
BELLAGIO STUDY AND CONFERENCE CENTER	[87]
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INTERNATIONAL SECURITY	[98]
SPECIAL INTERESTS	[99]

<b>GLOBAL ENVIRONMENT DIVISION</b>	<b>Foundation-administered project</b> \$100,000 <i>For expenses associated with the start-up of the fellowship component of the LEAD program</i>	<b>Jamaica Public Service Company, Kingston, Jamaica</b> \$237,000 <i>For technical and economic feasibility studies of cogeneration projects</i>
<b>HUMAN CAPITAL DEVELOPMENT</b>	<b>Foundation-administered project</b> \$125,000 <i>For costs associated with the development of LEAD programs in southern Africa and Pakistan.</i>	<b>Petroleum Corporation of Jamaica, Kingston, Jamaica</b> \$10,400 <i>To retain engineering services to update existing feasibility studies of hydropower projects in Jamaica</i>
<b>Major Program Initiatives</b>	<b>Foundation-administered project</b> \$35,000 <i>For expenses associated with establishing a LEAD program in the United States.</i>	<b>Society for Development Alternatives, New Delhi, India</b> \$50,420 <i>For a joint project with the Society for Technology and Action for Rural Advancement to promote micro-enterprises based on environmentally sound, energy-saving technologies.</i>
<b>Leadership for Environment and Development (LEAD)</b> <i>(1995 appropriation of \$6,370,000, in addition to earlier funding, for allocation by the officers to build human capital for leadership that will help preserve the environment, promote fair and sustainable development, and forge international agreements to accomplish these ends)</i>	<b>Foundation-administered project</b> \$15,000 <i>For internal monitoring and assessment of the LEAD program</i>	<b>Solar Electric Light Fund, Washington, D.C.</b> \$15,000 <i>Toward the costs of a joint venture between SELF and the Gansu GNERI PV Company to manufacture photovoltaic systems in China</i>
<b>Brazilian Association for Leadership Development, São Paulo, Brazil</b> \$517,356 <i>For the costs of the LEAD program in Brazil</i>	<b>Institute of Environment and Development, Beijing, China</b> \$454,065 <i>For the costs of the LEAD program in China.</i>	<b>Spencer Management Associates, Diablo, California</b> \$150,000 <i>Toward the costs of its project for an integrated solar combined cycle system in Mexico</i>
<b>Development and Environment Leadership for Southern Africa Trust, Harare, Zimbabwe</b> \$235,243 <i>Toward the costs of the LEAD program in southern Africa</i>	<b>Leadership for Environment and Development International, Inc., New York, New York</b> \$1,900,700 <i>For general support.</i>	<b>Other Grants</b>
<b>Development and Environment Foundation, Moscow, Russia</b> \$386,415 <i>For the costs of the LEAD program in the Commonwealth of Independent States.</i>	<b>Tata Energy and Resources Institute, Arlington, Virginia</b> \$46,600 <i>For use by the Tata Energy Research Institute, New Delhi, India, for support of the LEAD program in India</i>	<b>Biomass Users Network, Montclair, New Jersey</b> \$230,000 <i>For general support and projects</i>
<b>El Colegio de Mexico, Mexico City, Mexico</b> \$441,275 <i>Toward the costs of the LEAD program in Mexico.</i>	<b>ENERGY TRANSITION</b>	<b>California State Polytechnic University, Pomona, California</b> \$20,000 <i>To conduct a feasibility study on the use of solar-powered freezer systems to promote sustainable economic development and food security among small-scale producers in Zimbabwe and southern Africa</i>
<b>Foundation-administered project</b> \$75,000 <i>For costs associated with the development of a LEAD program in Pakistan</i>	<b>E&amp;Co., Montclair, New Jersey</b> <i>(1995 appropriation of \$2,300,000, in addition to earlier funding, to facilitate the transition to a new energy paradigm )</i>	<b>Earth Council, San José, Costa Rica</b> \$50,000 <i>Toward the costs of an energy meeting in conjunction with the Conference of the Parties to the Climate Change Convention, held in Berlin, April 4, 1995</i>
<b>Foundation-administered project</b> \$50,000 <i>For costs associated with administration of the LEAD program in India</i>	<b>Transition to a New Energy Paradigm</b> <i>(1994 appropriation of \$2,300,000 for allocation by the officers to facilitate the transition to a new energy paradigm)</i>	<b>International Development Research Centre, Ottawa, Canada</b> \$150,000 <i>Toward the costs of establishing Bellanet, a global forum for sustainable development research and capacity development</i>
<b>Foundation-administered project</b> \$50,000 <i>For costs associated with the start-up of a LEAD program in southern Africa</i>	<b>E&amp;Co., Montclair, New Jersey</b> \$386,000 <i>For general support and projects.</i>	<b>International Energy Initiative, Montclair, New Jersey</b> \$25,000 <i>Toward the costs of its Latin American fellowship program in energy planning</i>
<b>Foundation for Environmental Development and Education in Nigeria, Lagos, Nigeria</b> \$468,565 <i>For the costs of the LEAD program in Nigeria.</i>	<b>E&amp;Co., Montclair, New Jersey</b> \$859,500 <i>For general support and projects.</i>	<b>Princeton University, Princeton, New Jersey</b> \$100,000 <i>For its project to carry out a strategic assessment of renewable energy.</i>
<b>Foundation for Sustainable Development, Jakarta, Indonesia</b> \$454,555 <i>For the costs of the LEAD program in Indonesia</i>	<b>Foundation-administered project</b> \$100,000 <i>For expenses associated with the costs of project identification</i>	
<b>Foundation-administered project</b> \$225,000 <i>For expenses associated with establishing a LEAD program in Europe.</i>	<b>Foundation-administered project</b> \$500,000 <i>For the costs of consultants to the program</i>	

## AGRICULTURAL SCIENCES DIVISION

### CROP BIOTECHNOLOGY

#### Major Program Initiatives

**Biosafety and Intellectual Property Rights**  
*(1995 appropriation of \$300,000, in addition to earlier funding, for allocation by the officers to help developing countries implement effective systems for dealing with the biosafety and intellectual property rights issues entailed in the use of plant genetic engineering and its products)*

**Stockholm Environment Institute,**  
Stockholm, Sweden  
\$100,000

*Toward the costs of establishing an international Biotechnology Advisory Commission*

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**Biotechnology for Marginal-Land Food Crops**  
*(1995 appropriation of \$600,000, in addition to earlier funding, for allocation by the officers to continue building and strengthening biotechnology research networks working on tropical food crops grown on marginal lands)*

**International Center for Tropical Agriculture,**  
Cali, Colombia  
\$172,830, in addition to earlier funding  
*For research on the construction of a molecular map of cassava and DNA fingerprinting of cassava and its wild relatives*

**Scripps Research Institute, La Jolla, California**  
\$300,000  
*For research on the genetic engineering of cassava for virus resistance*

**Université Nationale de Côte d'Ivoire,**  
Abidjan, Ivory Coast  
\$50,000  
*For research on the control of African cassava mosaic virus by pathogen-derived resistance strategies*

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**International Program in Rice Biotechnology**  
*(1995 appropriation of \$5,775,000, in addition to earlier funding, for allocation by the officers to continue support for the Foundation's international program on rice biotechnology)*

**Administrative Allocation**  
\$160,000  
*To enable representatives of Foundation grantee institutions to participate in the Third International Rice Genetics Symposium to be held in Manila, Philippines, October 16–20, 1995*

**Administrative expenses**  
\$100,000  
*Toward administrative costs associated with implementing the program*

**Agricultural Biotechnology Institute,**  
Rural Development Administration,  
Suwon, South Korea  
\$38,000

*Toward the study of molecular genetic mapping of Korean rice varieties, to be undertaken by Biotechnology Career Fellow Cho Yong Gu, under the direction of Susan R. McCouch, Department of Plant Breeding and Biometry, Cornell University, Ithaca, New York.*

**Beijing Agricultural University, Beijing, China**  
\$39,000

*For a study of salt tolerance mechanisms in rice to be undertaken by Biotechnology Career Fellow Wu Wei-Hua, under the direction of Sarah M. Assmann, Department of Biology, Pennsylvania State University, University Park.*

**Beijing University, Beijing, China**  
\$11,100

*For research on the molecular cloning of genes encoding anti-rice leaf blight and fungal blast disease proteins*

**Biotechnology Research Center, Beijing, China**  
\$18,208

*To enable staff member Zheng Ping to receive training in rice biotechnology at the International Laboratory for Tropical Agricultural Biotechnology/The Scripps Research Institute, La Jolla, California*

**Can Tho University, Cantho, Vietnam**  
\$34,000

*To enable two staff members to receive training in rice biotechnology at Texas A&M University, College Station, Texas*

**Center of Research and Advanced Studies,**  
Mexico City, Mexico  
\$80,000

*For research on a biochemical and molecular approach to increase rice productivity by manipulating sucrose metabolism*

**China National Rice Research Institute,**  
Hangzhou, China  
\$37,400

*For a molecular analysis of blast resistance in rice, to be undertaken by Biotechnology Career Fellow Zheng Kangle, under the direction of Pamela Ronald, Department of Plant Pathology, University of California, Davis*

**China National Rice Research Institute,**  
Hangzhou, China  
\$50,000

*For research leading to the application of novel strategies to rice improvement in China.*

**China National Rice Research Institute,**  
Hangzhou, China  
\$60,000

*For research leading to the application of novel strategies to rice improvement in China.*

**Chinese Academy of Sciences, Beijing, China**  
\$60,000

*For use by its Institute of Microbiology for research on the genetic engineering of rice for resistance to rice stripe and rice dwarf viruses*

**Chinese Academy of Sciences, Shanghai, China**  
\$50,000

*For use by the Shanghai Institute of Biochemistry for research on the properties of rice ragged stunt virus (RRSV), and the development of RRSV-resistant rice genotypes*

**Commonwealth Scientific and Industrial Research Organization, Canberra, Australia**  
\$124,000

*For research on synthetic rice ragged stunt virus resistance genes*

**Cornell University, Ithaca, New York**  
\$325,000

*For research on the development and application of microsatellite markers for rice*

**Cuu Long Delta Rice Research Institute,**  
Omon, Vietnam  
\$35,000

*For research on the application of anther culture to rice improvement in the Mekong Delta of Vietnam*

**Foundation-administered project**  
\$30,000

*For administrative support for the Rockefeller Foundation biotechnology program in India*

**Foundation-administered project**  
\$50,000

*Toward costs associated with implementing the program*

**Foundation-administered project**  
\$10,000

*To support a team residency at the Foundation's Bellagio Study and Conference Center on setting priorities for rice*

**Foundation-administered project**  
\$2,800

*To support a team residency at the Foundation's Bellagio Study and Conference Center on setting priorities for rice research*

**Fujian Agricultural University, Fuzhou, China**  
\$50,000

*For research on mapping of quantitative trait loci underlying cold tolerance, disease resistance and other agronomic characteristics*

**Fujian Agricultural University, Fuzhou, China**  
\$33,000

*For research on mapping of quantitative trait loci underlying cold tolerance, disease resistance and other agronomic characteristics, to be undertaken by Biotechnology Career Fellow Li Wenming, under the direction of Michael Gale and A. J. Worland at the John Innes Centre, Norwich, England*

**Fundación para Investigaciones Biológicas Aplicadas, Mar del Plata, Argentina**  
\$80,000

*For research on a biochemical and molecular approach to increasing rice production by manipulating sucrose metabolism.*

<b>Haryana Agricultural University, Hisar, India</b> \$7,000 <i>For research on the application of biotechnology to the genetic improvement of rice</i>	<b>Institute of Agricultural Genetics, Hanoi, Vietnam</b> \$155,900 <i>For research on the molecular analysis of rice blast (<i>Pyricularia grisea</i>) pathotypes in Vietnam and the identification of resistance genes in local cultivars of rice</i>	<b>International Rice Research Institute, Manila, Philippines</b> \$37,100 <i>To enable a scientist from Punjab Agricultural University, Ludhiana, India, to conduct collaborative research with IRRI.</i>
<b>Haryana Agricultural University, Hisar, India</b> \$130,000 <i>For research on the genetic improvement of basmati rice through the use of biotechnological techniques</i>	<b>Institute of Biotechnology, Hanoi, Vietnam</b> \$11,104 <i>To enable its staff member Dinh Thi Phong to receive training in rice biotechnology at the International Laboratory for Tropical Agricultural Biotechnology/Scripps Research Institute, La Jolla, California</i>	<b>International Rice Research Institute, Manila, Philippines</b> \$59,100 <i>To enable a scientist from Tamil Nadu Agricultural University, Coimbatore, to conduct collaborative research with IRRI rice insect resistance genes</i>
<b>Huazhong Agricultural University, Wuhan, China</b> \$25,000 <i>Toward the costs of collaborative research in rice biotechnology between Huazhong Agricultural University and the University of California, Davis</i>	<b>Institute of Genetics, Beijing, China</b> \$13,000 <i>To enable staff member Liang Chengzhi to receive training in rice biotechnology at Texas A&amp;M University, College Station.</i>	<b>Kansas State University, Manhattan, Kansas</b> \$157,500 <i>For research on genes for resistance to the sheath blight pathogen of rice.</i>
<b>Indian Agricultural Research Institute, New Delhi, India</b> \$40,500 <i>For a study of improvement of crop plants through genetic engineering of chloroplast genome, to be undertaken by Biotechnology Career Fellow Kaushal C. Bansal under the direction of Pal Maliga, Waksman Institute, Rutgers University, New Brunswick, New Jersey.</i>	<b>Institute of Genetics, Beijing, China</b> \$25,000 <i>Toward the costs of collaborative research in bacterial artificial chromosome (BAC) cloning techniques between the Institute of Genetics and the University of California, Davis</i>	<b>Kasetsart University, Bangkok, Thailand</b> \$10,604 <i>To enable its staff member Siriwan Burikam to receive training in rice biotechnology at the International Laboratory for Tropical Agricultural Biotechnology/Scripps Research Institute, La Jolla, California.</i>
<b>Indian Council of Agricultural Research, New Delhi, India</b> \$20,000 <i>For use by its Research Complex for the North East Hills Region for research on the transfer of male sterility in indica rice through protoplast fusion</i>	<b>International Center for Tropical Agriculture, Cali, Colombia</b> \$160,000 <i>To support biotechnology research on rice RFLP mapping, rice disease resistance and rice cell culture</i>	<b>Kasetsart University, Bangkok, Thailand</b> \$7,610 <i>To enable staff member Siriwan Burikam to receive training in rice biotechnology at the International Laboratory for Tropical Agricultural Biotechnology/Scripps Research Institute, La Jolla, California</i>
<b>Indian Council of Agricultural Research, New Delhi, India</b> \$15,000 <i>For use by its Indian Agricultural Research Institute for research on the application of biotechnology to the improvement of indica rice</i>	<b>International Centre for Genetic Engineering and Biotechnology, New Delhi, India</b> \$225,000 <i>For research on mapping and tagging of gall midge resistance genes in rice</i>	<b>Kasetsart University, Bangkok, Thailand</b> \$37,600 <i>For a study of regulation of genes responsible for submergence tolerance in rice, to be undertaken by Biotechnology Career Fellow Apichart Vanavichit, under the direction of Hirofumi Uchimura, Institute of Molecular and Cellular Biosciences, University of Tokyo, Tokyo, Japan.</i>
<b>Indian Institute of Science, Bangalore, India</b> \$62,930 <i>For research on cloning developmentally important genes from <i>Arabidopsis thaliana</i> and <i>oryza sativa</i></i>	<b>International Rice Research Institute, Manila, Philippines</b> \$175,125 <i>For a study on rice research prioritization.</i>	<b>Lehman College, New York, New York</b> \$100,000 <i>For research on improvement of the carotenoid content of rice endosperm.</i>
<b>Indian Institute of Science, Bangalore, India</b> \$29,330 <i>To enable two staff members from the Indian Institute of Science to receive training in rice biotechnology at the International Laboratory for Tropical Agricultural Biotechnology/Scripps Research Institute, La Jolla, California</i>	<b>International Rice Research Institute, Manila, Philippines</b> \$20,000 <i>For research on the terminal sequencing of mapped rice genomic probes</i>	<b>Maharaja Sayajirao University of Baroda, India</b> \$11,110 <i>To enable staff member Vaishali Patel to receive training in rice biotechnology at the International Laboratory for Tropical Agricultural Biotechnology/The Scripps Research Institute, La Jolla, California.</i>
<b>Institut Pertanian Bogor, Bogor, Indonesia</b> \$42,000 <i>For a study of development of biofertilizers and bioherbicides for rice fields in Indonesia, to be undertaken by Biotechnology Career Fellow Antonius Suwanto, under the direction of Samuel Kaplan, Department of Microbiology and Molecular Genetics, University of Texas Health Science Center, Houston</i>	<b>International Rice Research Institute, Manila, Philippines</b> \$113,700 <i>To support postdoctoral research fellows in rice biotechnology from collaborating national research programs in Asia</i>	<b>National Center for Gene Research, Shanghai, China</b> \$24,900 <i>Toward the costs of collaborative research in rice genome analysis between the National Center for Gene Research and Texas A&amp;M University</i>
	<b>International Rice Research Institute, Manila, Philippines</b> \$74,500 <i>To enable J. S. Bentur, Directorate of Rice Research, Hyderabad, India, to conduct research at IRRI as a visiting scientist on insect resistance to <i>Bacillus thuringiensis</i>.</i>	<b>National Chemical Laboratory, Pune, India</b> \$155,400 <i>For research on the use of molecular markers in India's hybrid rice program</i>

<b>Ohio State University, Columbus, Ohio</b> \$60,000 <i>For research on the determination of receptor binding properties of various delta-endotoxins of midguts of rice stem borers and leaf folders</i>	<b>Swiss Federal Institute of Technology, Zurich, Switzerland</b> \$300,000 <i>For research on the genetic engineering of provitamin A biosynthesis in rice endosperm</i>	<b>Tamil Nadu Agricultural University, Coimbatore, India</b> \$38,000 <i>For a study of molecular characterization of novel BT strains and structure-function analysis of Cry proteins, to be undertaken by Biotechnology Career Fellow Varatharajulu Udayasuriyan, under the direction of Donald H. Dean, Department of Biochemistry, Ohio State University, Columbus</i>
<b>Punjab Agricultural University, Ludhiana, India</b> \$10,000 <i>To enable returning Foundation postdoctoral fellow Sukhwinder Singh to initiate research in rice biotechnology at his home institution.</i>	<b>Tamil Nadu Agricultural University, Coimbatore, India</b> \$28,133 <i>Toward the costs of improving the power supply to the laboratories of its Centre for Plant Molecular Biology.</i>	<b>Tamil Nadu Agricultural University, Coimbatore, India</b> \$61,775 <i>For research on Rhizoctonia-toxin-inactivating genes for sheath blight management in rice</i>
<b>Research Laboratory for Agricultural Biology and Biochemistry, Kathmandu, Nepal</b> \$10,000 <i>For research to develop another culture techniques to increase the efficiency of rice breeding</i>	<b>Tamil Nadu Agricultural University, Coimbatore, India</b> \$2,520 <i>To enable staff member P Balasubramanian to receive training in rice biotechnology at the International Laboratory for Tropical Agricultural Biotechnology/Scripps Research Institute, La Jolla, California</i>	<b>Tata Institute of Fundamental Research, Bangalore, India</b> \$60,000 <i>For use by its National Centre for Biological Research for research on the molecular biology and transformation of rice in India</i>
<b>Rural Development Administration, Suwon, South Korea</b> \$50,000 <i>For research on the development of map-based cloning and transformation techniques for rice improvement</i>	<b>Tamil Nadu Agricultural University, Coimbatore, India</b> \$59,980 <i>For research on identifying genes associated with water stress tolerance in rice</i>	<b>Texas A&amp;M University, College Station, Texas</b> \$120,000 <i>For research on the construction and characterization of large insert rice DNA libraries and their use in cloning genes of agronomic importance</i>
<b>Salk Institute for Biological Studies, La Jolla, California</b> \$450,000 <i>For research on the molecular mechanisms of induction of rice defense responses to microbial diseases.</i>	<b>Tamil Nadu Agricultural University, Coimbatore, India</b> \$119,820 <i>For research on rapid generation of transgenic rice lines of elite indica cultivars</i>	<b>Texas A&amp;M University, College Station, Texas</b> \$50,000 <i>For research on the production and molecular characterization of transgenic plants</i>
<b>Scripps Research Institute, La Jolla, California</b> \$52,000 <i>For research on the molecular biology of rice tungro virus and rice yellow mottle virus, and the genetic engineering of rice for virus resistance</i>	<b>Tamil Nadu Agricultural University, Coimbatore, India</b> \$59,806 <i>For research on the isolation and characterization of insecticidal proteins from local isolates of Bacillus thuringiensis active against rice pests</i>	<b>Thai Rice Research Institute, Bangkok, Thailand</b> \$9,500 <i>To establish an international rice drought screening facility at the Ubon Rice Research Center</i>
<b>Shanghai Institute of Plant Physiology, Chinese Academy of Sciences, China</b> \$25,000 <i>Toward the costs of collaborative research in rice pathogen resistance between the Shanghai Institute and the Salk Institute for Biological Studies</i>	<b>Tamil Nadu Agricultural University, Coimbatore, India</b> \$40,000 <i>For research on the management of rice sheath blight</i>	<b>University of Agricultural Sciences, Bangalore, India</b> \$200,088 <i>For research on molecular marker assisted breeding for drought and disease resistance in rice</i>
<b>South China Institute of Botany, Guangzhou, China</b> \$18,208 <i>To enable staff member Tao Li Zheng to receive training in rice biotechnology at the International Laboratory for Tropical Agricultural Biotechnology/Scripps Research Institute, La Jolla, California</i>	<b>Tamil Nadu Agricultural University, Coimbatore, India</b> \$21,140 <i>For research on microspore culture in hybrid rice and wide crosses.</i>	<b>University of Costa Rica, San José, Costa Rica</b> \$74,082 <i>For research on the molecular characterization of rice hoja blanca virus</i>
<b>SPIC Science Foundation, Madras, India</b> \$18,208 <i>To enable its staff member V V Sudhar to receive training in rice biotechnology at the International Laboratory for Tropical Agriculture/Scripps Research Institute, La Jolla, California</i>	<b>Tamil Nadu Agricultural University, Coimbatore, India</b> \$38,700 <i>For a study of exploitation of Rhizoctonia toxin-inactivating genes for sheath blight management in rice, to be undertaken by Biotechnology Career Fellow Ramasamy Samiyappan, under the direction of S Muthukrishnan, Department of Biochemistry, Kansas State University, Manhattan, KS.</i>	<b>University of Delhi, New Delhi, India</b> \$31,500 <i>For research on improved submergence tolerance of rice</i>
<b>Stanford University, Stanford, California</b> \$24,165 <i>Toward the costs of gathering and disseminating information on patent issues of concern to the Rice Biotechnology Program.</i>	<b>Tamil Nadu Agricultural University, Coimbatore, India</b> \$34,000 <i>To enable staff members R Balasaraswathi and P Shanmugasundaram to receive training in rice biotechnology at Texas A&amp;M University, College Station, Texas</i>	<b>University of Dhaka, Dhaka, Bangladesh</b> \$11,110 <i>To enable staff member Zeba Seraj to receive training in rice biotechnology at the International Laboratory for Tropical Agricultural Biotechnology/Scripps Research Institute, La Jolla, California</i>
		<b>University of Durham, Durham, England</b> \$40,000 <i>For research on genetically engineered rice resistance to the brown planthopper</i>

**University of Ottawa,  
Ottawa, Ontario, Canada**  
**\$75,000**  
*For research on tissue-specific promoters from rice, and the development of chimeric genes for insect resistance and novel breeding systems*

**University of Tokyo, Tokyo, Japan**  
**\$120,000**  
*For research on the molecular and cellular basis of submergence tolerance in rice plants*

**Zhejiang Agricultural University,  
Hangzhou, China**  
**\$100,000**  
*For research on major soil-related stresses of rice*

**Zhongshan University, Guangzhou, China**  
**\$11,110**  
*To enable staff member Xu Xingping to receive training in rice biotechnology at the International Laboratory for Tropical Agricultural Biotechnology/Scripps Research Institute, La Jolla, California*

#### **Other Grants**

**Biotechnology Training in Latin America and Africa**  
**(1991 appropriation of \$300,000 for allocation by the officers to help develop and support crop biotechnology training programs at selected institutions in Latin America and Africa)**

**National University of the Ivory Coast,  
Abidjan, Ivory Coast**  
**\$42,500**  
*For a Biotechnology Career Fellowship in Agricultural Sciences to enable Sangare Abdourahamane to undertake a molecular and biological analysis of transgenic plants for resistance to African Cassava Mosaic Virus, under the direction of Claude M Fauquet, International Laboratory for Tropical Agricultural Biotechnology, Scripps Research Institute, La Jolla, California.*

**Cassava: Improvement Priorities and Molecular Mapping**  
**(1991 appropriation of \$800,000 to determine, through analysis of African socioeconomic data, the priority traits of cassava on which plant breeders should focus and to generate a molecular map of cassava and related species that will help breeders address these priorities more efficiently)**

**Foundation-administered project  
\$5,600**  
*To provide technical assistance to the Collaborative Study of Cassava in Africa being undertaken by the International Institute of Tropical Agriculture.*

**International Institute of Tropical Agriculture, Ibadan, Nigeria**  
**\$25,500**  
*To develop a hypertext data retrieval and document system for the Collaborative Study of Cassava in Africa*

**Texas A&M University, College Station, Texas**  
**\$10,000**  
*Toward the costs of a conference "Harnessing Apomixis: A New Frontier in Plant Science"*

#### **Advanced Training Fellowships**

**Toure Aboubacar, Institut d'Economie Rurale, Bamako, Mali**  
*Postdoctoral training in sorghum biotechnology under the direction of Gary Hart, Department of Soil and Crop Sciences, Texas A&M University, College Station, Texas*

**Edwin Plata Alcantara, University of Philippines, Los Baños**  
*Fellowship for training in entomology leading to the Ph D degree under the direction of Donald H Dean, Department of Biochemistry, Ohio State University, Columbus, Ohio*

**Nestor L Alvarez, Central Luzon State University, Nueva Ecija, Philippines**  
*Dissertation training in rice genetic engineering under the direction of Thomas K Hodges, Department of Botany and Plant Pathology, Purdue University, West Lafayette, Indiana, as part of a Ph D program at the University of the Philippines, Diliman, Quezon City*

**Bahagiawati Amirhusin, Central Research Institute for Food Crops, Bogor, Indonesia**  
*Fellowship for training in entomology leading to the Ph D degree under the direction of Thomas K Hodges, Department of Plant Pathology, Purdue University, West Lafayette, Indiana*

**Ranganathan Chandra Babu, Tamil Nadu Agricultural University, Coimbatore, India**  
*Postdoctoral training in plant physiology under the direction of Henry T Nguyen, Department of Agronomy, Horticulture and Entomology, Texas Tech University, Lubbock, Texas.*

**Luiz Joaquim Castelo Branco Carvalho, National Research Center for Genetic Resources and Biotechnology, Brasilia, Brazil**  
*Postdoctoral training in plant science-genetics-breeding under the direction of Barbara A Schaal, Department of Biology, Washington University, St Louis, Missouri*

**Li Dadong, Institute of Genetics, Academia Sinica, Beijing, China**  
*Fellowship for training in molecular biology leading to the Ph D degree under the direction of Stephen L Dellaporta, Department of Biology, Yale University, New Haven, Connecticut*

**Md. Enamul Huq, Dhaka University, Bangladesh**  
*Fellowship for training in molecular biology, leading to the Ph D degree under the direction of Thomas K Hodges, Department of Botany and Plant Pathology, Purdue University, West Lafayette, Indiana*

**Chitoor Muppala Jaishree, SPIC Science Foundation, Madras, India**  
*Fellowship for training in molecular biology leading to the Ph D degree under the direction of Jan Leach, Department of Plant Pathology, Kansas State University, Manhattan, Kansas*

**Su Jin, Institute for the Application of Atomic Energy, Chinese Academy of Agricultural Sciences, Beijing, China**  
*Postdoctoral training in rice biotechnology/transformation under the direction of Ray Wu, Section of Biochemistry, Molecular and Cell Biology, Cornell University, Ithaca, New York.*

**Zhao Jun, Chinese Academy of Agricultural Sciences, Beijing, China**  
*Postdoctoral training in rice biotechnology under the direction of Christopher Lamb, Plant Biology Laboratory, the Salk Institute for Biological Studies, La Jolla, California*

**Shahid Karim, National Centre of Molecular Biology, University of the Punjab, Lahore, Pakistan**  
*Dissertation training in rice insect resistance under the direction of Donald H Dean, Department of Biochemistry, Ohio State University, Columbus, Ohio, as part of a Ph D program at the National Centre of Molecular Biology, University of the Punjab*

**Tang Kexuan, Shanghai Academy of Agricultural Sciences, China**  
*Fellowship for training in rice genetic transformation leading to the Ph D degree under the direction of Prof. E C Cocking, Department of Life Sciences, University of Nottingham, United Kingdom*

**Kong Konan, Institute of Genetics, Chinese Academy of Sciences, Beijing, China**  
*Postdoctoral training in sorghum biotechnology under the direction of Gary Hart, Department of Soil and Crop Science, Texas A&M University, College Station, Texas*

**Koffi N'da Konan, Abidjan, Ivory Coast - Université de Picardie**  
*Postdoctoral training in cassava biotechnology, under the direction of Claude M. Fauquet, Division of Plant Biology, Scripps Research Institute, La Jolla, California*

**C.R. Ananda Kumar, Tamil Nadu Agricultural University, Coimbatore, India**  
*Postdoctoral training in plant breeding and genetics under the direction of Thomas K Hodges, Department of Botany and Plant Pathology, Purdue University, West Lafayette, Indiana*

**Md. Liakat Bangladesh Rice Research Institute, Gazipur**  
*Fellowship for training in map-based rice breeding leading to the Ph D degree under the direction of Henry T Nguyen, Department of Plant Genetics, Texas Tech University, Lubbock, Texas*

- Luo Lijun, China National Rice Research Institute, Hangzhou, China**  
*Dissertation training in rice biotechnology/genetics under the direction of Andrew H Paterson, Department of Soil and Crop Science, Texas A&M University, College Station, as part of a Ph D program at Huazhong Agricultural University*
- Rahat Makhdoom, University of the Punjab, Lahore, Pakistan**  
*Dissertation training in rice tungro viruses, under the direction of Roger Hull, John Innes Centre, Norwich, United Kingdom, and/or at other authorized centers, as part of a Ph D degree program at the University of the Punjab*
- Kunal Mukhopadhyay University of Calcutta, India**  
*Postdoctoral training in rice biotechnology/submergence tolerance, under the direction of Neeraj Datta, Department of Biotechnology, University of Georgia, Athens*
- Miguel Eduardo Munoz-Fonseca, University of Costa Rica**  
*Fellowship for training in rice biotechnology/transformation leading to the Ph D degree, under the direction of Ray Wu, Section of Biochemistry, Molecular and Cell Biology, Cornell University, Ithaca, New York*
- Kouassi Koffi JJ Nazaire, Instituts des Forêts, Abidjan, Ivory Coast**  
*Postdoctoral training in plant pathology under the direction of Claude M Fauquet, International Laboratory for Tropical Agriculture, Scripps Research Institute, La Jolla, California*
- Md. Safiullah Pathan, Bangladesh Rice Research Institute, Gazipur**  
*Fellowship for training in rice biotechnology leading to the Ph D degree under the direction of Henry T Nguyen, Plant Molecular Genetics Laboratory, Texas Tech University, Lubbock, Texas*
- Xu Ping, Zhejiang Agricultural University, China**  
*Postdoctoral training in plant molecular biology under the direction of Ray Bressan and Paul M Hasegawa, Center for Plant Environmental Stress Physiology, Purdue University, West Lafayette, Indiana*
- Aardra Arun Potnis M. S., University of Baroda, India**  
*Dissertation training in rice biotechnology/fungal resistance under the direction of Christopher Lamb, Plant Biology Laboratory, Salk Institute, La Jolla, California*
- Zhang Qiang, Huazhong Agricultural University, Huber, China**  
*Fellowship for training in plant genetics and breeding leading to the Ph D degree under the direction of Gary Kochert, Department of Botany, University of Georgia, Athens, Georgia*
- Musur Rahman, University of Dhaka, Bangladesh**  
*Fellowship for training in submergence tolerance, leading to the Ph D degree under the direction of Elizabeth Dennis, Division of Biochemistry and Molecular Biology, Australian National University, Canberra, Australia*
- Kamasani Uma Rani, Osmania University, Hyderabad, India**  
*Postdoctoral training in rice biotechnology/water stress under the direction of Hans J Bohnert, department of biochemistry, University of Arizona, Tucson, Arizona.*
- Cyril Sebastian Roberts, Demerara, Guyana**  
*Postdoctoral training in rice transformation, under the direction of Richard Jefferson, Center for the Application of Molecular Biology to International Agriculture, Canberra, Australia*
- Stanley Omar PB Samonte, University of Philippines, Los Baños**  
*Fellowship for training in plant breeding leading to the Ph D degree under the direction of L T Wilson, Department of Soil and Crop Sciences, Texas A&M University, College Station*
- Oh Sang-Soo, Agricultural Biotechnology Institute, South Korea**  
*Fellowship for training in rice biotechnology/gene expression leading to the Ph D degree under the direction of D J Ellar, department of biochemistry, University of Cambridge, England*
- Anoop Singh Sindhu, Punjab Agricultural University, Ludhiana, India**  
*Postdoctoral training in rice biotechnology under the direction of Norimoto Murai, Department of Plant Pathology and Crop Physiology, Louisiana State University, Baton Rouge, Louisiana*
- Rodante E. Tabien, Philippine Rice Research Institute, Manila**  
*Fellowship for training in plant breeding and genetics leading to the Ph D degree under the direction of James W Stansel, Department of Soil and Crop Sciences, Texas A&M University, College Station*
- Anibal Leonidas Tapiero-Ortiz, Corporación Colombiana de Investigación Agropecuaria "Corpoica," Villavicencio, Colombia**  
*Fellowship for training in rice blast resistance leading to the Ph D degree under the direction of Morris Levy, Department of Botany and Plant Pathology, Purdue University, West Lafayette, Indiana*
- Nguyen Duc Thanh, Institute of Biotechnology, Hanoi, Vietnam**  
*Postdoctoral training in rice biotechnology/genetics under the direction of Henry T Nguyen, Plant Molecular Genetics Laboratory, Texas Tech University, Lubbock, Texas*
- Krishnarajapuram Venkatappa Thara, University of Madras, India**  
*Postdoctoral training in rice disease resistance under the direction of S Muthukrishnan, Department of Biochemistry, Kansas State University, Manhattan*
- R. Valasubramanian, University of Madras, India**  
*Postdoctoral training in plant pathology under the direction of Arun Chatterjee, Plant Science Unit, University of Missouri, Columbia*
- Nguyen Van Dong, Institute of Agricultural Genetics, Hanoi, Vietnam**  
*Dissertation training in rice molecular markers/male sterility, under the direction of Henry T Nguyen, Department of Plant and Soil Science, Texas Tech University, Lubbock, as part of a Ph D. degree program at the Institute of Agricultural Genetics*
- Rethinasamy Velazhahan, Tamil Nadu Agricultural University, Coimbatore, India**  
*Postdoctoral training in plant pathology under the direction of S Muthukrishnan, Department of Plant Pathology, Kansas State University, Manhattan*
- K. Vijayachandra, Madurai Kamaraj University, Madurai, India**  
*Postdoctoral training in rice transformation under the direction of Richard A Jefferson, Center for the Application of Molecular Biology to International Agriculture, Canberra, Australia*
- Cheng Weizhong, Wuhan University, China**  
*Postdoctoral training in drought tolerance in rice under the direction of Ray Wu, Section of Biochemistry, Molecular and Cell Biology, Cornell University, Ithaca, New York*
- Cheng Xiongying, Zhejiang Agricultural University, Hangzhou, China**  
*Postdoctoral training in the genetic engineering of rice, under the direction of Illmar Altosaar, Department of Biochemistry, University of Ottawa, Canada.*
- Yin Yanhai, Institute of Genetics, Beijing, China**  
*Fellowship for training in molecular biology leading to the Ph D degree under the direction of Roger N Beachy, Division of Plant Biology, Scripps Research Institute, La Jolla, California*
- Xu Yunbi, Zhejiang Agricultural University, Hangzhou, China**  
*Postdoctoral training in plant genetics and breeding under the direction of Susan R McCouch, Department of Plant Breeding and Biometry, Cornell University, Ithaca, New York*
- Zhong Zingping, Zhejiang Agricultural University, Hangzhou, China**  
*Dissertation training in plant pathology under the direction of Christopher Lamb, Plant Biology Laboratory, Salk Institute, La Jolla, California, as part of a Ph D. program at Zhejiang Agricultural University*

## CROP MANAGEMENT CAPABILITY IN AFRICA

### Major Program Initiatives

#### Career Development Fellowships in the Agricultural Sciences

(1994 appropriation of \$400,000 for allocation by the officers to assist agricultural institutions in Kenya, Malawi, Uganda and Zimbabwe—the African focus countries under Agricultural Sciences—to retain highly productive staff)

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#### Forum on Agricultural Resource Husbandry in Sub-Saharan Africa

(1995 appropriation of \$900,000, in addition to earlier funding, for allocation by the officers to strengthen graduate education at selected faculties of agriculture in eastern and southern Africa through an African-directed competitive grants program that encourages faculty members and students, in collaboration with non-university personnel, to undertake multidisciplinary field research on crop and resource management)

#### Egerton University, Njoro, Kenya

\$4,870  
To develop a research project on overcoming constraints to groundnut production in Kenya

#### Foundation-administered project

\$70,000  
For costs of operating the Forum

#### Foundation-administered project

\$25,000  
For costs of operating the Forum

#### Foundation-administered project

\$70,000  
To support Forum in-country workshops in Uganda, Malawi and Zimbabwe

#### Makerere University, Kampala, Uganda

\$16,000  
For research on the utilization of agricultural plant residues for sustainable crop production

#### Makerere University, Kampala, Uganda

\$70,000  
For research on the effect of African cassava mosaic geminivirus on growth and yield.

#### Makerere University, Kampala, Uganda

\$60,500  
To support research on the integrated management of pests of common beans on small scale farms in Uganda

#### Makerere University, Kampala, Uganda

\$3,350  
For the installation of electronic mail services in Forum project offices at the University

#### University of Malawi, Zomba, Malawi

\$76,755  
For use by Bunda College of Agriculture to support a research proposal, "Rapid Multiplication of Superior Provenances of *Falbida* through Tissue Culture."

#### University of Malawi, Zomba, Malawi

\$11,000  
For use by Bunda College of Agriculture to facilitate the establishment of electronic mail on the Bunda College campus

#### University of Malawi, Zomba, Malawi

\$113,000  
For use by Bunda College of Agriculture for to support research on the biological management of soil fertility for maize production in Malawi

#### University of Malawi, Zomba, Malawi

\$120,000  
For use by Bunda College of Agriculture to support the second phase of research investigating the potential for adoption of maize-based agroforestry technologies by smallholder farmers in southern Malawi

#### University of Malawi, Zomba, Malawi

\$5,000  
For use by Bunda College of Agriculture for a workshop to develop a proposal for studies of the main maize diseases in Malawi

#### University of Nairobi, Nairobi, Kenya

\$3,360  
For the installation of electronic mail services in Forum project offices at the University

#### University of Zimbabwe, Harare, Zimbabwe

\$5,000  
To develop a research proposal on the production of high-quality dry season forage from mixed-crop

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#### Integrated Banana Research in Uganda

(1995 appropriation of \$600,000, in addition to earlier funding, for allocation by the officers to define the factors constraining banana production in Uganda, devise improved technologies to overcome those constraints, and evaluate their suitability to farm conditions)

#### International Institute of Tropical Agriculture, Ibadan, Nigeria

\$300,000  
To continue its collaboration with the Uganda National Banana Research Program on conducting biological surveys, and diagnostic and control research of bananas in Uganda.

#### International Institute of Tropical Agriculture, Ibadan, Nigeria

\$143,000  
For its project to conduct biological surveys and diagnostic and control research of bananas in Uganda

#### Makerere University, Kampala, Uganda

\$2,726.14  
For use by the Department of Crop Science for equipment for its banana tissue culture project

#### National Agricultural Research Organization, Kampala, Uganda

\$25,000  
To support the rehabilitation of the soil science laboratory at the Kawanda Agricultural Research Institute.

#### Beverly McIntyre, Kampala, Uganda

\$8,000

For agronomic research with the Banana-Based Cropping Systems Project in Uganda

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#### Management of Maize Pests by Smallholders

(1995 appropriation of \$1,000,000 for allocation by the officers to reduce yield losses caused by pests in smallholder maize-based cropping systems)

#### John Innes Centre, Norwich, England

\$150,000

For research on African maize biotechnology

#### International Maize and Wheat Improvement Center, Mexico City, Mexico

\$129,400

For use by its Maize Research Station, Zimbabwe, to support research on the improvement of grain weevil resistance in maize in southern Africa

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#### Research Fellowships in the Agricultural Sciences

(1995 appropriation of \$500,000, in addition to earlier funding, for allocation by the officers to recruit outstanding young agricultural scientists from developed countries to assist grantee institutions in achieving their crop productivity goals, and concurrently, to expand the number of such professionals having developing-country experience)

#### Administrative expenses

\$15,000

For administrative costs associated with the program

#### Beverly D. McIntyre, Brooktondale, New York

\$133,525

For research in agronomy with the National Banana Research Project in Uganda

#### Sieglinde S. Snapp, Seattle, Washington

\$75,000

To continue research in soil fertility as a member of the Malawi maize research group

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#### Social Science Research Fellowships in Agriculture

(1995 appropriation of \$900,000, in addition to earlier funding, for allocation by the officers to build a cadre of outstanding North American and African social scientists having experience as members of multidisciplinary teams of international agricultural research institutes. This appropriation is also to help those institutes enhance their outreach to national agricultural research systems and incorporate farmer knowledge into problem identification and research strategy formulation)

#### Administrative expenses

\$50,000

For administrative costs of the program

<b>Michelle Adato, Ithaca, New York</b> \$115,500 <i>To study employment creation in South Africa, while located at the International Food Policy Research Institute project in Cape Town</i>	<b>Program Operations</b> \$40,000 <i>To support a conference at the Foundation's Bellagio Study and Conference Center on soil management research in eastern and southern Africa focusing on the role of the Tropical Soil Biology and Fertility Programme.</i>	<b>International Institute of Tropical Agriculture, Ibadan, Nigeria</b> \$24,000 <i>To support a training course on equipment maintenance for laboratory personnel of east and southern Africa, to be conducted by its Soil and Plant Analytical Laboratories Network of Africa.</i>
<b>Cynthia Donovan, East Lansing, Michigan</b> \$113,400 <i>To serve as agricultural economist with the West Africa Rice Development Association's Sahel irrigated rice program, while located at the WARDA project in St. Louis, Senegal</i>	<b>Soils Management to Overcome Yield Constraints</b> (\$195,000, in addition to earlier funding, for allocation by the officers to identify and evaluate ways of overcoming soils-based limitations to sustainable, economic crop yields in the principal agricultural soils of eastern and southern Africa)	<b>International Maize and Wheat Improvement Center, Mexico City, Mexico</b> \$195,100 <i>To continue the development of a soil fertility research network to improve the productivity of smallholder maize-based cropping systems in countries of southern Africa</i>
<b>Cary S. Farley, Gainesville, Florida</b> \$112,100 <i>To study farmer participatory research for improved soil, crop and pest management in common bean cropping systems in eastern Africa, while located at the International Center for Tropical Agriculture project in Kampala, Uganda</i>	<b>Association for Better Land Husbandry, London, England</b> \$112,000 <i>To continue the development of the Organic Matter Management Network Project, based in Kenya</i>	<b>Kenya Agricultural Research Institute, Nairobi, Kenya</b> \$65,000 <i>For the development of the socio-economics unit of its National Agricultural Research Laboratories.</i>
<b>James J. Gockowski, Gainesville, Florida</b> \$121,570 <i>To study technological innovation in forest margins, while located at the International Institute of Tropical Agriculture project in Yaoundé, Cameroon</i>	<b>CARE, Atlanta, Georgia</b> \$15,000 <i>For use by CARE-Uganda to study population growth and the environment, and household coping strategies in southwest Uganda during the past 50 years.</i>	<b>Kenya Agricultural Research Institute, Nairobi, Kenya</b> \$61,300 <i>To support on-farm research in improved soil management at sites of the Kitale Regional Research Centre</i>
<b>Daniel G. Maxwell, Madison, Wisconsin</b> \$127,500 <i>To study food security and nutrition under urban stress, while located at the International Food Policy Research Institute project in Accra, Ghana</i>	<b>Department of Agricultural Research, Lilongwe, Malawi</b> \$70,000 <i>To complete the initial phase of support to strengthen its agroforestry program aimed at improving productivity on small farms</i>	<b>Kenya Agricultural Research Institute, Nairobi, Kenya</b> \$58,380 <i>To support on-farm research in improved soil management at four sites of the Kisii Regional Research Centre</i>
<b>Kristen C. Nelson, San Cristóbal de las Casas, Mexico</b> \$12,000 <i>To study rural agricultural production</i>	<b>International Center for Tropical Agriculture, Cali, Colombia</b> \$180,000 <i>To support farmer participatory research for improved soil, crop and pest management in eastern Africa</i>	<b>Kenya Agricultural Research Institute, Nairobi, Kenya</b> \$79,000 <i>For use by the National Dryland Farming Research Centre, Katumani, for research on monitoring and modeling soil productivity in semi-arid eastern Kenya</i>
<b>Charles E. Nicholson, Ithaca, New York</b> \$121,850 <i>To study domestic dairy production in sub-Saharan Africa, while located at the International Livestock Research Institute, Addis Ababa, Ethiopia (joint appointment with the International Food Policy Research Institute, Washington, D.C.)</i>	<b>International Center for Tropical Agriculture, Cali, Colombia</b> \$25,500 <i>To support research on green manures for sustaining soil fertility in maize-bean cropping systems in eastern Africa to be carried out by Martin Fischer, associate expert of the Center's Regional Bean Programme in eastern Africa</i>	<b>Kenya Agricultural Research Institute, Nairobi, Kenya</b> \$55,000 <i>For the continuation of a collaborative project with the Tropical Soils Biology and Fertility Programme and the Wageningen Group, The Netherlands, monitoring nutrient transfers to quantify the productivity and sustainability of agro-ecosystems, the NUTMON project</i>
<b>Dai Hung Peters, Raleigh, North Carolina</b> \$113,850 <i>To study sweet potato processing for noodlemaking in Sichuan Province, China, and improved utilization of sweet potato for animal feed at the National Feed Institute in Beijing, while located at the International Potato Center project in Bogor, Indonesia</i>	<b>International Centre for Research in Agroforestry, Nairobi, Kenya</b> \$33,300 <i>To support the further development of an east African soils database</i>	<b>Tropical Soil Biology and Fertility Programme, Nairobi, Kenya</b> \$400,000 <i>To continue support for its networking and research activities in Africa</i>
<b>David A. Widawsky, Stanford, California</b> \$117,370 <i>To study the impact of knowledge-intensive crop management technologies, while located at the International Rice Research Institute, Los Baños, Philippines</i>	<b>International Food Policy Research Institute, Washington, D.C.</b> \$90,000 <i>To support its participation in an agricultural research priorities setting project of the Kenya Agricultural Research Institute</i>	<b>University of Berne, Berne, Switzerland</b> \$260,000 <i>For use by the Group for Development and Environment of its Institute of Geography for phase two of a joint project with the University of Nairobi, Kenya, concerned with developing natural resources management tools for use by land users, planners and policy-makers at site, catchment and river basin scales</i>

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University of Zimbabwe, Harare, Zimbabwe \$25,000 <i>To carry out studies on institutional support to smallholder farmers in Zimbabwe</i>	International Centre of Insect Physiology and Ecology, Nairobi, Kenya \$14,800 <i>To support consultancy services for its Social Sciences Department</i>	New York Zoological Society, New York, New York \$35,000 <i>For use by its division, Wildlife Conservation International, Kenya, to support aerial photography and mapping work in the Kitengela conservation area</i>
Village Enterprise Zone Associations International Incorporated, Chicago, Illinois \$130,000 <i>To expand its activities and to continue to assist the Chitedze Agricultural Research Station in Malawi with maize fertilizer verification trials</i>	International Centre of Insect Physiology and Ecology, Nairobi, Kenya \$25,000 <i>To support the implementation of strategies for the new direction of the Centre.</i>	Rehabilitation of Arid Environments Charitable Trust, Nakuru, Kenya \$30,000 <i>For a model project at Baringo District, Kenya, to complete the development of a data base for establishing viable land-management practices</i>
Virginia Polytechnic Institute and State University, Blacksburg, Virginia \$79,610 <i>To support a research project, Institutionalizing Improved Priority Setting Processes for Agricultural Research in Zimbabwe</i>	International Food Policy Research Institute, Washington, D.C. \$36,000 <i>To support a study, "Land Tenure and Sustainable Management of Tree Resources The Case of Uganda."</i>	TechnoServe, Norwalk, Connecticut \$39,700 <i>For research in Kenya on project identification and design studies of the potential impact of an inventory credit program on smallholder maize production under a liberalized trade regime</i>
Elizabeth Dyck, Nairobi, Kenya \$45,450 <i>For soils research in Kenya</i>	International Institute of Tropical Agriculture, Ibadan, Nigeria \$30,000 <i>To support documenting the soil component of the Collaborative Study of Cassava in Africa</i>	University of Florida, Gainesville, Florida \$12,600 <i>For a study of nitrogen use efficiency of maize as influenced by quality of multipurpose tree prunings in agroforestry systems to be carried out by Zimbabwean doctoral candidate Paramu Mafungoya under the direction of Professor P K Nair</i>
Elizabeth Dyck, Nairobi, Kenya \$76,000 <i>To support two research projects: (1) screening of legume species for adaptability to varying agroecological conditions and land-management systems in Kenya, and (2) experiments on the effect of legumes on parameters of soil productivity and on the management of legumes for optimizing soil productivity</i>	Kenya Agricultural Research Institute, Nairobi \$12,500 <i>To support a socio economics conference for KARI scientists and invited researchers from other agricultural research institutions</i>	University of Malawi, Zomba, Malawi \$200,000 <i>To enable the University to provide electronic information retrieval and delivery capabilities throughout its campuses and to other institutions in the country</i>
<b>Other Grants</b>	Kenya Agricultural Research Institute, Nairobi, Kenya \$4,000 <i>For use by the National Agricultural Research Laboratories to support the 15th Annual Conference of the Soil Science Society of East Africa.</i>	Daniel Hillel, Amherst, Massachusetts \$6,000 <i>For his research on the installation of low-cost, low-volume, high-frequency irrigation and the transfer of the technology to food-deficit countries in Africa.</i>
CAB International, Wallingford, England \$10,000 <i>For use by its International Institute for Biological Control to support a regional meeting to review research and extension strategies for control of the larger grain borer in east and southern Africa</i>	Kenya Forestry Research Institute, Nairobi, Kenya \$6,800 <i>To support the First Kenya National Agroforestry Conference</i>	Daniel Hillel, Amherst, Massachusetts \$18,000 <i>To enable him to devote time to research on the installation of low-cost, low-volume, high-frequency irrigation and the transfer of the technology to food deficit countries in Africa.</i>
Cornell University, Ithaca, New York \$50,300 <i>In support of a project to develop research and human resource capacity within the Zimbabwean smallholder sector</i>	Makerere University, Kampala, Uganda \$3,700 <i>To support the inaugural workshop of the Soil and Water Conservation Society of Uganda</i>	Ellard S. Malindi, Lilongwe, Malawi \$12,700 <i>For research on factors affecting technology uptake by smallholder farmers in Malawi.</i>
International Center for Tropical Agriculture, Cali, Colombia \$5,000 <i>In support of a training program on DSSAT crop growth models, to be held in Kenya in early 1996</i>	Ministry of Agriculture, Lilongwe, Malawi \$29,000 <i>For development of a strategic plan for a revolving fund covering agricultural inputs marketing and distribution</i>	Stephen K. Njuguna, Njoro, Kenya \$3,300 <i>For research on the economic analysis of the effects of macroeconomic stabilization and adjustment policies on the Kenyan agricultural sector in a general equilibrium model</i>
International Centre for Research in Agroforestry, Nairobi, Kenya \$25,000 <i>To develop geographic information systems characterization software</i>	Ministry of Finance and Economic Planning and Development, Lilongwe, Malawi \$80,000 <i>To support agricultural policy analysis within the Government of Malawi</i>	Margaret Nyirenda, Lilongwe, Malawi \$40,300 <i>To enable her to participate in the Edward S Mason Fellowship Program in Public Policy and Management at the Kennedy School of Government, Harvard University</i>

**James A. Ogwang, Kampala, Uganda**

\$5,130

To support his participation in a course on decision tools for pest management at Imperial College, London, England

**Peter Okot, Nairobi, Kenya**

\$11,630

For partial support of materials necessary for his study on soil erosion and how it is impacted upon by land use

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#### **Advanced Training Fellowships**

**Bernard Bashaasha, Ministry of Agriculture, Kampala, Uganda**

Fellowship for training in agricultural economics, leading to the Ph D degree under the direction of Douglas Southgate, Department of Agricultural Economics, Ohio State University, Columbus, Ohio

**Martin Bepete, Horticultural Research Center, Marondera, Zimbabwe**

Fellowship for training in horticulture/fruit tree productivity, leading to the Ph D degree under the direction of Alan Lakso, Department of Horticultural Sciences, Cornell University, Ithaca, New York.

**Daniel Ng'ang'a Chege, University of Nairobi, Nairobi, Kenya**

Fellowship for training in agricultural economics/soil erosion, leading to the Ph D degree under the direction of Carl K. Eicher, Department of Agricultural Economics, Michigan State University, East Lansing, Michigan

**Zvenhamo Albert Chiteka, Crop Breeding Institute, Harare, Zimbabwe**

Fellowship for training in plant breeding and genetics, leading to the Ph D degree under the direction of D W Gorbet, Department of Agronomy, the University of Florida, Gainesville

**Augustine Gubba, Plant Protection Research Institute, Harare, Zimbabwe**

Fellowship for training in plant pathology, leading to the Ph D degree under the direction of Dennis Gonsalves, Department of Plant Pathology, Cornell University, Ithaca, New York.

**Daniel Matthews Jamu, International Center for Living Aquatic Resources Management, Zomba, Malawi**

Fellowship for training in ecology, leading to the Ph D degree under the direction of Raul Piedrahita, Department of Biological and Agricultural Engineering, University of California, Davis

**Daniel David Karanja, Kenya Agricultural Research Institute, Nairobi, Kenya**

Fellowship for training in agricultural economics, leading to the Ph D degree under the direction of Eric W Crawford, Department of Agricultural Economics, Michigan State University, East Lansing

**Barnabas A. Kuza, Makerere University, Kampala, Uganda**

Fellowship for training in agricultural economics leading to the Ph D degree under the direction of Dale C Dahl, Department of Agriculture and Applied Economics, University of Minnesota, St Paul

**Margaret Wanja Kinuthia, Coffee Research Foundation, Ruiru, Kenya**

Fellowship for training in entomology, leading to the Ph D degree under the direction of Otto Schmidt, Department of Crop Protection, University of Adelaide, Australia

**Stephen Machado, Agronomy Institute, Harare, Zimbabwe**

Fellowship for training in agronomy, leading to the Ph D degree under the direction of Gary M Paulson, Department of Agronomy, Kansas State University, Manhattan, Kansas

**Gatsha Mazithulela, Scientific and Industrial Research and Development Centre, Harare, Zimbabwe**

Fellowship for training in maize biotechnology, leading to the Ph D degree under the direction of Paul Christou, John Innes Centre, University of East Anglia, Norwich, England

**Luke Mehlo, Scientific and Industrial Research and Development Centre, Harare, Zimbabwe**

Fellowship for training in maize biotechnology, leading to the Ph D degree under the direction of Paul Christou, John Innes Centre, University of East Anglia, Norwich, England

**Isiah M. Mharapara, Ministry of Lands, Agriculture and Rural Settlement, Harare, Zimbabwe**

Fellowship for dissertation research in Zimbabwe on a fundamental approach to vlei utilization, as part of Ph D program at the University of Newcastle, England

**Isiah M. Mharapara, Ministry of Lands, Agriculture and Rural Settlement, Chiredzi, Zimbabwe**

Fellowship for training in agronomy/wetlands management, leading to the Ph D degree under the direction of R S Shiel, Department of Agriculture and Environmental Science, University of Newcastle, England

**Peter Birungi Mijumbi, Namulunge Research Station, Ministry of Agriculture, Kampala, Uganda**

Supplementary fellowship in development economics under the direction of Richard L Kilmer, Food and Resource Department, University of Florida, Gainesville

**Daniel Njiru Mugendi, Kenya Forestry Research Institute, Nairobi, Kenya**

Fellowship for dissertation research in Kenya on soil fertility changes and maize grown under alley cropping in the highlands of Kenya, as part of a Ph D program in agroforestry under the direction of P K F Nair, Department of Forestry, University of Florida, Gainesville

**Daniel Njiru Mugendi, Kenya Forestry Research Institute, Nairobi, Kenya**

Supplementary fellowship in agroforestry leading to the Ph D degree under the direction of P K R Nair, Department of Forestry, University of Florida, Gainesville, Florida

**Stephen Ngure Mugo, National Dryland Farming Research Center, Machakos, Kenya**  
Fellowship for training in plant breeding, leading to the Ph D degree under the direction of Margaret E Smith, Department of Plant Breeding and Biometry, Cornell University, Ithaca, New York.

**Anne Wanjiro Muriuki, Kenya Agricultural Research Institute, Nairobi, Kenya**

Fellowship for training in maize agronomy and soil fertility leading to the Ph D degree under the direction of Larry King, Department of Soil Science, North Carolina State University, Raleigh, North Carolina

**Francis Leonard Ochieng 'Nang'ayo, Kenya Agricultural Research Institute, Nairobi, Kenya**

Supplementary fellowship in ecology/entomology leading to the Ph D degree under the direction of Denis Wright, Department of Biology, Imperial College of Science, Technology and Medicine, Ascot, England

**Caroline Nankinga, Kawanda Agricultural Research Institute, Kampala, Uganda**

Fellowship for training in insect pathology, leading to the Ph.D. degree under the direction of David Moore and Paul Bridge, Department of Agriculture, University of Reading, England

**Patricia Ngwira, Chitedze Research Station, Lilongwe, Malawi**

Fellowship for training in plant pathology leading to the Ph D degree under the direction of Donald T Gordon, Department of Plant Pathology, Ohio State University, Columbus, Ohio

**Phibion Nyamudeza, Department of Research and Specialist Services, Harare, Zimbabwe**

Fellowship for research on sorghum and maize cultivation in semi-arid conditions, as part of a Ph D program in agronomy under the direction of S N Azam-Ali, Department of Agriculture and Horticulture, University of Nottingham, England

**George Duncan Odhiambo, Kenya Agricultural Research Institute, Nairobi, Kenya**

Fellowship research allocation of \$36,600 for dissertation research in Kenya on the effect of organic substrate additions on soil microbial activity, striga weed seed persistence, and maize grain yield, as part of a Ph D program in maize agronomy and striga control, under the direction of Donald S H Drennan, Department of Agricultural Botany, University of Reading, England

**Webster Denis Sakala, Ministry of Agricultural, Lilongwe, Malawi**  
*Fellowship for training in maize agronomy, leading to the Ph.D. degree under the direction of K. Giller, Department of Biological Sciences, Wye College, University of London, Ashford, Kent, England*

**Luisa Marie Kingwell Alcantara Santos, Eduardo Mondlane University, Maputo, Mozambique**  
*Fellowship for training in entomology, leading to the Ph.D. degree under the direction of Elson J. Shields, Department of Entomology, Cornell University, Ithaca, New York*

**James R. K. Ssemwanga, Makerere University, Kampala, Uganda**  
*Supplementary fellowship in horticulture leading to the Ph.D. degree under the direction of A. K. Thompson, Silsoe College, Cranfield University, Bedford, England*

**Dick Sserunkuuma, Makerere University, Kampala, Uganda**  
*Fellowship for training in agricultural economics, leading to the Ph.D. degree under the direction of Robert King, Department of Agricultural and Applied Economics, University of Minnesota, St Paul*

#### MANAGING NATURAL RESOURCES

##### Major Program Initiatives

**Natural Resources Management-Mexico (1995 appropriation of \$1,100,000, in addition to earlier funding, for allocation by the officers to evaluate potentially sustainable, natural resource management systems for small farmers in diverse marginal areas of Mexico through a process whereby university researchers, small-holders, and members of nongovernmental organizations work in collaboration)**

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**Colegio de Postgraduados, Montecillo, México**  
\$22,500

*For use by its Center for the Humid Tropics in Veracruz to support the Third Annual Meeting of the Natural Resources/Mexico Network.*

**El Colegio de la Frontera Sur, San Cristóbal de Las Casas, México**  
\$3,200

*To support a study on validation, adoption, and cost/benefit analysis of maize-legume systems in Ejido Villaflores, La Fransesa, Chiapas*

**Estudios Rurales y Asesoria, Oaxaca, México**  
\$14,500

*Toward the costs of development of natural resources management capacity in the Union of Zapoteco and Chinanteca Communities on Oaxaca.*

**Grupo Interdisciplinario de Tecnología Rural Apropriad, Michoacán, México**  
\$42,500  
*For a project aimed at implementing the evaluation of sustainability of resources-management systems in three projects of the natural resources management program in Mexico.*

**Maderas del Pueblo del Sureste, México City, México**  
\$12,000  
*To support a land resources survey and land use planning project in La Gringa Region, Chimalapas, Oaxaca.*

**Unión de Ejidos y Comunidades de Cafetaleros del Beneficio Majomut, Chiapas, México**  
\$15,000  
*For a project, "Research and Promotion of Adequate Technology for Coffee Cultivation in the Region of Los Altos de Chiapas"*

**Universidad Autónoma Chapingo, México City, México**  
\$4,500  
*To enable the University to provide technical assistance to the Natural Resources Management-Mexico network for testing and validation of the Framework for Evaluation of Sustainability in Land Management Project.*

**Universidad Autónoma Chapingo, México City, México**  
\$10,000  
*Toward the costs of a project, "Sustainable Development of Agroecosystems in the South of the State of Sinaloa," to be carried out jointly with the National Institute on Forest and Agriculture Research*

**Universidad Autónoma de Yucatán, Mérida, México**  
\$37,500  
*For use by its Management and Conservation of Tropical Natural Resources program to support a project aimed at generating, assessing and promoting improved farming practices in the milpas and homegardens in the community of Sahcabá, Yucatán.*

##### Other Grants

**Agroforestry - Curriculum Development (1994 appropriation of \$500,000 for allocation by the officers to encourage the development of sustainable agriculture systems in Latin America and southeast Asia by establishing independent, graduate-level programs in agroforestry in Mexico and Thailand that can serve regional)**

**Colegio de Postgraduados, Montecillo, México**  
\$15,000  
*In support of two publications on agroecology.*

**Universidad Autónoma Chapingo, México City, México**  
\$180,000  
*To continue support for planning, training and curriculum development activities aimed at strengthening its Center of Agroforestry for Sustainable Development*

**Universidad Autónoma Chapingo, México City, México**  
\$25,000  
*For use by its Agroforestry Center for Sustainable Development to support the Fourth International Training Course on Agroforestry for ecodesvelopment and to enhance the Center's library with CD-ROM material*

**Universidad Autónoma de Yucatán, Mérida, México**  
\$30,000  
*To support the further development of its Department of Management and Conservation of Tropical Natural Resources.*

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##### Substitutes for Slash-and-Burn in the Western Amazon

*(1993 terminal appropriation of \$600,000, in addition to earlier funding, for allocation by the officers to develop sustainable agroforestry systems for the western Amazon as a way of slowing continuous deforestation in the region)*

**Empresa Brasileira de Pesquisa Agropecuaria, Manaus, Brazil**  
\$60,000  
*For use by its Centro de Pesquisa Agroflorestal da Amazonia to continue support for a joint project with the University Amazonas, and the Instituto Nacional de Pesquisas Amazonicas for on-farm testing of agroforestry alternatives to slash-and-burn cultivation by migrant small farmers at Presidente Figueiredo, Amazonas*

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##### Center for Research and Advanced Studies, Irapuato, Mexico

\$18,000  
*For use by its Laboratory of Microbial Ecology for research on the optimization of biological nitrogen fixation in legumes associated with maize in tropical regions in Mexico*

**Colegio de Postgraduados, Montecillo, México**  
\$8,000

*To support the Fourth International Course on Desertification and Sustainable Development for Latin America and the Caribbean*

##### Foundation-administered project

\$26,000  
*For a study of pests and diseases of maize in the southeastern part of Mexico*

**Institute for Agricultural Technology of Oaxaca, Oaxaca, México**  
\$5,000

*To support the establishment of a vetiver nursery and generate information about vetiver's performance*

**International Fertilizer Development Center,  
Muscle Shoals, Alabama**  
\$26,000

*For phase three of a collaborative project with  
the Soil and Water Department of the  
Uruguayan Ministry of Agriculture and  
FUCREA, a farmer's organization, entitled,  
"Farm Level Modeling for Natural Resource  
Use Planning A Case Study in Uruguay"*

**International Irrigation Management  
Institute, Colombo, Sri Lanka**

\$25,000

*To support its role as convener for a Consultative  
Group on International Agricultural Research  
(CGIAR) Inter-Center Program on Water  
Resource Management*

**Kasetsart University, Bangkok, Thailand**  
\$8,700

*For use by its Regional Community Forestry  
Training Center to support the participation of  
trainees at an international training course in  
conflict resolution in forest resource management*

**Mexican Foundation for Environmental  
Education, Tepotzotlán, Mexico**

\$1,000

*To support work in horticulture in Xochitla*

**Research Centre for Agroforestry in Amazonia,  
Manaus, Brazil**  
\$30,000

*To support field research in the project, "Agro-  
forestry Alternatives to Shifting Cultivation in  
the Western Amazon"*

**Universidad Autónoma de Chiapas,  
Chiapas, México**

\$15,000

*To support field research on maize-legume  
systems in the state of Chiapas.*

**Universidad Autónoma de Yucatán,  
Mérida, México**  
\$30,000

*To support a research project on the biological  
management of soil fertility in maize-legume  
systems by farms in Yucatán and Veracruz.*

**Marta Astier, Patzcuaro, México**  
\$5,000

*To support field research for a project utilizing  
legumes to improve volcanic soils quality of  
agricultural sloping systems within the Lago de  
Zirahuén Watershed in the Purepecha region  
in the state of Michoacán*

**Tzinna Carranza, México City, México**  
\$12,000

*To support research on evaluation of the  
sustainability of maize-legume smallholders in  
the Chimalapas region in the state of Oaxaca*

## HEALTH SCIENCES DIVISION

### POPULATION-BASED HEALTH CARE

#### Major Program Initiatives

**Children's Vaccine Initiative**  
*(1994 appropriation of \$1,200,000, in addition  
to earlier funding, for allocation by the officers  
to support vaccine research programs and other  
activities related to the development and distribution  
of developing-country children's vaccines)*

**World Health Organization,  
Geneva, Switzerland**  
\$1,150,000  
*To continue support for vaccine research and  
development for the Global Programme for  
Vaccines and Immunization*

**World Health Organization,  
Geneva, Switzerland**  
\$400,000  
*To continue support for the activities of the  
Children's Vaccine Initiative as part of the new Global  
Programme for Vaccines and Immunization*

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**International Clinical Epidemiology Network**  
*(1995 program authorization of \$5,100,000, in  
addition to earlier funding, for allocation by the  
officers to continue support for core activities  
of the International Clinical Epidemiology  
Network (INCLEN), in collaboration with  
INCLEN, Inc., the training provided by both  
Southern and Northern clinical epidemiology  
resource and training centers, and further  
transfer of training responsibility to Southern  
institutions with clinical epidemiology units)*

**Addis Ababa University,  
Addis Ababa, Ethiopia**  
\$21,240  
*For costs associated with its distance learning  
program*

**Addis Ababa University,  
Addis Ababa, Ethiopia**  
\$27,600  
*For core support of its Clinical Epidemiology  
Unit and its distance learning program*

**Chulalongkorn University,  
Bangkok, Thailand**  
\$224,915  
*To continue support of phase two Clinical  
Epidemiology Resource and Training Center  
activities within INCLEN on behalf of the  
Thai Consortium*

**Chulalongkorn University,  
Bangkok, Thailand**  
\$20,000  
*For core support of its Clinical Epidemiology  
Unit*

**Escola Paulista de Medicina, São Paulo, Brazil**

\$175,000

*For support of phase two activities within  
INCLEN*

**Gadjah Mada University,  
Yogyakarta, Indonesia**

\$181,470

*For support of phase two activities within  
INCLEN*

**INCLEN, Inc., Philadelphia, Pennsylvania**  
\$1,691,800

*For the operational costs of its executive office  
and for program activities of the International  
Clinical Epidemiology Network*

**INCLEN, Inc., Philadelphia, Pennsylvania**  
\$371,000

*For the costs of the INCLEN Global Meeting to  
be held in Victoria Falls, Zimbabwe, January  
21-26, 1996*

**INCLEN, Inc., Philadelphia, Pennsylvania**  
\$60,000

*In support of phase two Clinical Epidemiology  
Units within the INCLEN*

**International Centre for Diarrhoeal Disease  
Research, Dhaka, Bangladesh**

\$25,970

*In support of clinical epidemiology studies*

**International Epidemiological Association,  
Los Angeles, California**

\$30,000

*Toward the costs of its regional meetings in  
Egypt, China and Zimbabwe*

**Khon Kaen University, Khon Kaen, Thailand**  
\$25,000

*For core support of its Clinical Epidemiology  
Unit*

**Mahidol University, Bangkok, Thailand**  
\$21,560

*For core support of its Clinical Epidemiology  
Unit*

**Makerere University, Kampala, Uganda**  
\$25,000

*For core support of its Clinical Epidemiology  
Unit*

**McMaster University, Hamilton,  
Ontario, Canada**

\$324,950

*To continue support for its Clinical Epidemiology  
Resource and Training Center*

**Shanghai Medical University,  
Shanghai, China**

\$40,000

*For core support and phase two transition  
activities of its Clinical Epidemiology Unit*

**Suez Canal University, Ismailia, Egypt**  
\$25,000

*For core support of its Clinical Epidemiology  
Unit*

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<b>Universidad Nacional Autónoma de México, Mexico City, Mexico</b>	<b>Chulalongkorn University, Bangkok, Thailand</b>	<b>Johns Hopkins University, Baltimore, Maryland</b>
\$20,000	\$2,200	\$156,080
<i>For use by its Hospital General de Mexico for core support of its Clinical Epidemiology Unit</i>	<i>In support of developing-country participation in an international consultative workshop on "Public Health Curricula Responding to Needs- based Health Reform," held March 20–23, 1995, in Bangkok, Thailand</i>	<i>To continue support for community-based approaches to integrated control of Aedes aegypti</i>
<b>University of Nairobi, Nairobi, Kenya</b>	<b>Foundation-administered project</b>	<b>Ministry of Health of Mexico, Mexico City, Mexico</b>
\$24,995	\$55,000	\$173,300
<i>For core support of its Clinical Epidemiology Unit</i>	<i>For the costs of a workshop on public health training following the International Clinical Epidemiology Network XIII meeting</i>	<i>For continuation of a community-based Aedes aegypti control program in Mérida, Mexico</i>
<b>University of Newcastle, New South Wales, Australia</b>	<b>Makerere University, Kampala, Uganda</b>	<b>University of Arizona, Tucson, Arizona</b>
\$285,250, in addition to earlier funding	\$5,580	\$15,900
<i>To continue support for the Clinical Epidemiology Resource and Training Center and for distance learning programs in Africa and China</i>	<i>For use by its Institute of Public Health to enable the management module coordinator for its Public Health Schools Without Walls initiative to participate in a short-term training course on quality assurance management methods for developing countries</i>	<i>To provide technical assistance related to the design and implementation of intervention strategies for controlling the spread of Aedes aegypti in Mexico and Honduras</i>
<b>University of North Carolina, Chapel Hill, North Carolina</b>	<b>Makerere University, Kampala, Uganda</b>	<b>Health Sciences for the Tropics</b>
\$167,145	\$350,000	(1991 appropriation of \$1,700,000, in addition to earlier funding, for allocation by the officers to strengthen the capacity of developing countries to conduct research on major tropical diseases through North-South and emerging South- South research partnerships)
<i>To continue support for its Clinical Epidemiology Resource and Training Center</i>	<i>For use by its Institute of Public Health for its Master of Public Health Program</i>	<b>New England Medical Center Hospitals, Inc., Boston, Massachusetts</b>
<b>University of Pennsylvania, Philadelphia, Pennsylvania</b>	<b>Tulane University, New Orleans, Louisiana</b>	\$75,000
\$416,004	\$49,400	<i>In final support of a research project entitled "Diarrhoeal Disease: Basic Mechanisms and Host Responses: A Molecular, Clinical and Epidemiologic Approach"</i>
<i>To continue support for its Clinical Epidemiology Resource and Training Center</i>	<i>For use by its medical center to provide technical assistance for the program</i>	<b>Partnership for Child Development</b>
<b>University of the Philippines, Manila, Philippines</b>	<b>University of Ghana, Accra, Ghana</b>	(1993 appropriation of \$1,000,000, in addition to earlier funding, to phase out support for studies by developing countries on the feasibility and cost-effectiveness of providing children with anthelmintic (anti-worm) and micronutrient chemotherapy via the school system)
\$175,000	\$44,000	<b>University of Oxford, Oxford, England</b>
<i>In support of phase two Clinical Epidemiology Resource and Training Center activities</i>	<i>For use by its School of Public Health for its Public Health Schools Without Walls program</i>	\$1,000,000
<b>University of Toronto, Toronto, Canada</b>	<b>University of Ghana, Accra, Ghana</b>	<i>To support studies by developing countries on the feasibility and cost-effectiveness of providing children with anthelmintic (anti-worm) and micro-nutrient chemotherapy via the school system</i>
\$52,520.49	\$22,000	<b>Pesticide Use: Environment and Health</b>
<i>In support of the 1995–1996 Health Care Evaluation and Management Skills Program</i>	<b>World Health Organization, Geneva, Switzerland</b>	(1991 appropriation of \$800,000 (joint with the Agricultural Sciences division) for allocation by the officers to provide the basis for an improved understanding of the agricultural, environmental and health effects of agricultural pesticide use in developing countries)
<b>University of Yaoundé I, Yaoundé, Cameroon</b>	\$7,315	<b>World Resources Institute, Washington, D.C.</b>
\$3,010.41	<i>In support of developing-country participation at the third meeting of the Network of African Postgraduate Training and Research Institutions in Public Health, held in Brazzaville, Congo</i>	\$25,880
<i>For core support of its Clinical Epidemiology Unit</i>	<b>Other Grants</b>	<i>For a policy analysis and outreach program on the effects of pesticides on the immune system</i>
<b>University of Yaoundé I, Yaoundé, Cameroon</b>		<b>■ ■ ■</b>
\$25,000		
<i>For core support of its Clinical Epidemiology Unit</i>		
<b>West China University of Medical Sciences, Chengdu, China</b>		
\$60,040		
<i>For core support of its Clinical Epidemiology Unit, and for phase II transition activities within INCLEN</i>		
<b>■ ■ ■</b>		
<b>Public Health Schools Without Walls</b>		
(1995 appropriation of \$1,250,000 (joint with the Population Sciences division), in addition to earlier funding, for allocation by the officers to support field-based, graduate-degree training courses for public health officers in Zimbabwe, Uganda and Ghana, as well as exploratory activities in other countries)		
<b>Administrative expenses</b>		
\$75,000		
<i>For operational expenses of the initiative</i>		

<b>Vaccine Production Technology Transfer</b> <i>(1993 appropriation of \$1,200,000, in addition to earlier funding, for allocation by the officers to make the production of tissue culture-based viral vaccines a generic process available at moderate cost to developing countries)</i>	<b>John P. Woodall, Slingerlands, New York</b> \$2,025 <i>In support of his participation in an international meeting on emerging diseases, held in Insel Vilm, Germany, June 30-July 3, 1995</i>	<b>World Health Organization, Geneva, Switzerland</b> \$25,000 <i>In support of a meeting on the disabling sequelae of diseases and injuries for reliably assessing the global burden of disease.</i>
<b>Johns Hopkins University, Baltimore, Maryland</b> \$39,419 <i>To provide technical assistance to developing countries for technology transfer activities.</i>	<b>Johns Hopkins University, Baltimore, Maryland</b> \$45,000 <i>In support of a research project entitled "Molecular Epidemiology of Pneumococci"</i>	<b>World Health Organization, Geneva, Switzerland</b> \$100,000 <i>In support of a management review of its Global Programme for Vaccines</i>
<b>West China University of Medical Sciences, Chengdu, China</b> \$77,762 <i>For a case-control cohort safety study of live attenuated Japanese encephalitis vaccine</i>	<b>Mahidol University, Bangkok, Thailand</b> \$30,000 <i>Toward the costs of the annual management team meetings of the International Forum for Social Sciences and Health</i>	
***	<b>Makerere University, Kampala, Uganda</b> \$10,000 <i>For use by the Clinical Epidemiology Unit within its Faculty of Medicine for a country case study project on child survival in Uganda</i>	<b>RESEARCH TO IMPROVE REPRODUCTIVE HEALTH</b> <i>(All programs under this guideline are joint with the Population Sciences division.)</i>
<b>Boston University, Boston, Massachusetts</b> \$54,200 <i>For use by its School of Medicine toward a Bellagio conference entitled "Urban Health Challenges for the 21st Century"</i>	<b>Mexican Health Foundation, Mexico City, Mexico</b> \$125,000 <i>In support of an International Clearinghouse of Health System Reform Initiatives, a classified data bank and a documentation center to facilitate and undertake comparative analyses of reform initiatives</i>	<b>Major Program Initiatives</b> <b>HIV in the Developing World</b> <i>(1995 appropriation of \$1,500,000, in addition to earlier funding, for allocation by the officers to continue to help developing countries improve their capabilities for reducing the spread of HIV (human immunodeficiency virus) infection as well as other sexually-transmitted diseases, and to mitigate the consequences of current infection)</i>
<b>California Public Health Foundation, Berkeley, California</b> \$9,000 <i>In support of a monograph on the history of medical virology</i>	<b>Ministry of Health of Mexico, Mexico City, Mexico</b> \$73,000 <i>For continued support of a multi-center research study on childhood inflammatory diarrheal disease</i>	<b>Australian National University, Canberra, Australia</b> \$42,250 <i>For use by its Health Transition Centre in support of a research project entitled "Vulnerability to an AIDS epidemic in South Asia: Bangladesh"</i>
<b>Centro de Investigaciones Ecologicas del Sureste, Chiapas, Mexico</b> \$91,000 <i>In support of the development of a health tract within its Master of Science program</i>	<b>National Academy of Sciences, Washington, D.C.</b> \$35,660 <i>For use by its Institute of Medicine to complete, publish and disseminate a summary of core documents concerning current dynamics in global health.</i>	<b>Chulalongkorn University, Bangkok, Thailand</b> \$20,000 <i>For use by its Institute of Population Studies for continued support of a project concerning social influences on male sexual behavior in Thailand, in collaboration with the University of Michigan</i>
<b>Christian Medical College and Hospital, Vellore, India</b> \$20,000 <i>In support of developing-country participation in an international conference entitled "Role of the University in Health Research for Development," held in Madras, India, February 5-9, 1995</i>	<b>National Academy of Sciences, Washington, D.C.</b> \$25,000 <i>For use by its Institute of Medicine's Board on International Health toward a project to reevaluate the changing nature of global health risks and its implications for US health and economic development</i>	<b>East-West Center, Honolulu, Hawaii</b> \$100,000 <i>In support of a multisite operations research project on geographical mapping of sex workers in Laos, Nepal, and Taiwan</i>
<b>Foundation-administered project</b> \$91,400 <i>In support of a Bellagio conference on enhancing global infectious disease monitoring and response</i>	<b>Pan-American Health Organization, Washington, D.C.</b> \$150,000 <i>In support of its program entitled "Health Promotion and Violence Prevention Project for the Urban Poor."</i>	<b>Foundation-administered project</b> \$75,000 <i>To support the communications/marketing strategies of the HIV vaccine exploration.</i>
<b>Foundation for Research in Community Health, Bombay, India</b> \$26,630 <i>In support of a research study on the development of medical research and public health policy in India</i>	<b>University of Yaoundé I, Yaoundé, Cameroon</b> \$30,000 <i>For use by the Automation and Control Laboratory of its Ecole Nationale Supérieure Polytechnique for continued support of the Center for Health Technology.</i>	<b>Harvard University, Cambridge, Massachusetts</b> \$7,500 <i>For use by its AIDS Institute toward a state-of-the-art think tank on HIV vaccines for developing countries</i>
<b>Harvard University, Cambridge, Massachusetts</b> \$56,750 <i>Toward the costs of a meeting focused on the role, capability and performance of international organizations in advancing world health.</i>		<b>Johns Hopkins University, Baltimore, Maryland</b> \$20,000 <i>To facilitate the interpretation and design of community-based STD interventions in Africa.</i>
<b>Harvard University, Cambridge, Massachusetts</b> \$25,000 <i>Toward the costs of its 1995 International Health Leadership Forum</i>		

<b>London School of Hygiene and Tropical Medicine, London, England</b> \$75,000 <i>In support of clinical epidemiological studies on HIV/AIDS in Abidjan, Ivory Coast</i>	<b>Institute for Education and Research in Demography, Yaoundé, Cameroon</b> \$15,000 <i>For further analysis of data on adolescent fertility in Cameroon, and publication of the results</i>	<b>University of Colombo, Colombo, Sri Lanka</b> \$25,120 <i>For a study examining the social processes leading to pre marital sexual behavior and a high incidence of abortion among young unmarried women in the Katunayake export promotion zone</i>
<b>Susan Perl, London, England</b> \$58,315 <i>In support of her work to provide policy education and communication relating to innovative HIV prevention strategies</i>	<b>International Center for Research on Women, Washington, D.C.</b> \$151,000 <i>For the provision of technical assistance to non-governmental organizations in India undertaking research on adolescent sexuality and fertility</i>	<b>University of Montreal, Montreal, Quebec, Canada</b> \$140,950 <i>For a study to be conducted in collaboration with the University of Yaoundé on adolescent reproductive health and sexuality in Cameroon</i>
<b>Thailand Health Research Institute, Bangkok, Thailand</b> \$40,000 <i>Toward the costs of attendance by non-Thais at the Third International Conference on AIDS in Asia and the Pacific, to be held in Chiang Mai, and for the costs of the roundtable on HIV/AIDS in Africa, to be held at the conference</i>	<b>International Projects Assistance Services, Carrboro, North Carolina</b> \$96,310 <i>For an intervention research project to be conducted in collaboration with the University of Zimbabwe and the Zimbabwe Ministry of Health to provide family planning counseling and services to women treated for abortion complications in Zimbabwe</i>	<b>University of Zimbabwe, Harare, Zimbabwe</b> \$103,680 <i>For an intervention research project to be conducted in collaboration with International Projects Assistance Services and the Zimbabwe Ministry of Health to provide family planning counseling and services to women treated for abortion complications in Zimbabwe</i>
<b>University of California, San Francisco, California</b> \$50,000 <i>In support of a research project in Northern Thailand entitled "Prevention of Mother to Child Transmission of HIV-1 by Neutralizing Antibodies"</i>	<b>K.E.M. Hospital Research Centre, Pune, India</b> \$30,430 <i>For a study on adolescent sexuality and fertility in Western Maharashtra</i>	<b>Western Consortium for Public Health, Berkeley, California</b> \$173,740 <i>To enable its Pacific Institute for Women's Health to provide technical assistance to African non-governmental organizations working in the field of adolescent reproductive health and sexuality</i>
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<b>Improving Reproductive Health Service Delivery</b> (1995 appropriation of \$2,100,000, in addition to earlier funding, for allocation by the officers to support research in selected developing countries to identify sustainable models for expanding access to and improving the quality of reproductive health services, especially for neglected services and populations)	<b>London School of Hygiene and Tropical Medicine, London, England</b> \$81,480 <i>For the provision of technical assistance and training in reproductive health research to nongovernmental organizations in South Asia</i>	<b>Zimbabwe National Family Planning Council, Harare, Zimbabwe</b> \$30,910, in addition to earlier funding <i>For the planning phase of a pilot project to provide reproductive health services for young people</i>
<b>Advocates for Youth, Washington, D.C.</b> \$3,190 <i>To enable an evaluator from Nigeria to travel to Washington, D.C., to report on the progress of the West Africa Youth Initiative</i>	<b>Population Council, New York, New York</b> \$100,000 <i>For a collaborative operations research project with Vietnamese government agencies to improve family planning services</i>	<b>Other Grants</b>
<b>Christian Medical College, Vellore, India</b> \$47,100 <i>For a study of the sexual behavior and practices of adolescent boys and girls living in a rural community in Tamil Nadu, India</i>	<b>Population Council, New York, New York</b> \$60,510 <i>For the provision of technical assistance to the Zimbabwe National Family Planning Council and the Family Planning Association of Kenya in the design of studies to test models of reproductive health services for young people</i>	<b>Women for Women's Health</b> (1993 terminal appropriation of \$1,300,000, in addition to earlier funding, for allocation by the officers to help Malawi and Uganda develop capacity for training increased numbers of nurse-midwives and concurrently upgrade the skills and professional status of these healthcare providers, with the goal of bringing about sustained reduction in national maternal mortality and morbidity rates)
<b>Foundation-administered project</b> \$35,000 <i>To cover program operation costs connected with research in selected developing countries to identify sustainable models for expanding access to and improving the quality of reproductive health services</i>	<b>Rural Development Women's Consultancy Group, Kampala, Uganda</b> \$17,890 <i>To assess the impact of the Youth Alive Club's activities on preventing the spread of HIV and AIDS through educating young Ugandans about the disease and promoting behavior change</i>	<b>Makerere University, Kampala, Uganda</b> \$150,000 <i>To strengthen the Bachelor of Science in Nursing program for the Women for Women's Health Initiative</i>
<b>Foundation for Research in Health Systems, Ahmedabad, India</b> \$25,930 <i>For a study of how married women under 20 years of age use reproductive health services in a district of Maharashtra, India</i>	<b>SAHAJ Society for Health Alternatives, Baroda, India</b> \$31,470 <i>For an exploratory study of how gender relations among the poor in Bombay affect sexual behavior and the transmission of disease</i>	<b>University of Pennsylvania, Philadelphia, Pennsylvania</b> \$364,390 <i>For orderly termination of the Women for Women's Health initiative in Malawi</i>
<b>INCLEN, Inc., Philadelphia, Pennsylvania</b> \$116,120 <i>For the activities of its Reproductive Health Working Group</i>	<b>Tata Institute of Social Sciences, Bombay, India</b> \$31,080 <i>For a study of sexuality among low-income urban college students in Bombay</i>	<b>University of Pennsylvania, Philadelphia, Pennsylvania</b> \$80,000 <i>For the planning phase of a collaborative multi-country Safe Motherhood project in Africa</i>
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**Columbia University, New York, New York**  
\$47,760  
*For the planning phase of an international reproductive health program at its Center for Population and Family Health.*

**Commonwealth Medical Association, London, England**  
\$10,000  
*Toward the costs of providing information on adolescent reproductive health issues to practitioners in developing countries and developing a training module that will enable them to become more effective in providing services*

**International Projects Assistance Services, Carrboro, North Carolina**  
\$60,000  
*To enable the Consortium for Post Abortion Care to work collaboratively with USAID to conduct research to identify cost-effective models for post-abortion services and to provide clinical training in the prevention and treatment of unsafe abortion in developing countries*

**Karolinska Institute, Stockholm, Sweden**  
\$60,000  
*To document the Swedish experience in the field of adolescent sexual and reproductive health for policy-makers in developing countries.*

**Mahidol University, Bangkok, Thailand**  
\$24,700  
*For use by its Faculty of Tropical Medicine in support of a research project to determine a strategy for malaria immunization of pregnant women in Thailand*

**Mexican Institute for Family and Population Research, Mexico City, Mexico**  
\$33,000  
*For a study of adolescent sexuality and reproductive health in Mexico City*

**Nafsiah Mboi and Karen Smith, Jakarta, Indonesia, and New York, New York**  
\$35,000  
*To prepare and publish a book on women's health in Indonesia in English and Indonesian*

**Parivar Seva Santhsa, New Delhi, India**  
\$11,400  
*For the planning phase of a study to learn why women resort to illegal abortion in India, where the procedure has been legal for more than 20 years*

**Program for Appropriate Technology in Health, Seattle, Washington**  
\$71,040  
*For a study in collaboration with the Kenya Scouts Association on the effectiveness of using Scouts to extend family life education about sexuality and reproductive health to out-of-school youth and their parents*

**Reproductive Health Research Network in Francophone Africa, Dakar, Senegal**  
\$10,000  
*To enable Africans from outside Senegal to attend a workshop that will develop a research and funding agenda for the region*

**Reproductive Health Technologies Project, Washington, D.C.**  
\$120,500  
*For the promotion of research and development of microbicides to protect women from sexually transmitted diseases.*

**Tulane University, New Orleans, Louisiana**  
\$2,000  
*For use by its School of Public Health and Tropical Medicine to gather bibliographic material for a doctoral student in Zaire*

**United Nations Children's Fund, New York, New York**  
\$15,000  
*For an evaluation of the effectiveness of its Technical Support Groups initiative as an example of institutional collaboration in health and development programming*

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## POPULATION SCIENCES DIVISION

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### PROMOTING POLICY DIALOGUE AND RESEARCH

#### Major Program Initiatives

**Policy Dialogue and Research**  
(1995 appropriation of \$6,100,000, in addition to earlier funding, for allocation by the officers to support policy dialogue and research activities that will mobilize the resources needed to satisfy unmet demand for reproductive health and services in developing countries)

**Alan Guttmacher Institute, New York, New York**  
\$100,000  
*For continued support of the publication of a chartbook showing the links between women's status, individual reproductive behavior, and population dynamics, to be released in connection with the Fourth UN World Conference on Women in Beijing*

**American Academy of Arts and Sciences, Cambridge, Massachusetts**  
\$115,780  
*For a collaborative project with the University of Toronto on the relationships between population growth, the environment, state capacity, and civil violence.*

**Australian National University, Canberra, Australia**  
\$78,200  
*For the first phase of a collaborative study with the International Centre for Diarrhoeal Disease Research, Bangladesh, concerning the onset of fertility decline in Bangladesh*

**Australian Reproductive Health Alliance, Canberra, Australia**  
\$97,470  
*For the development of a post-Cairo public education program on international reproductive health, population, and development issues*

**Earth Times Foundation, New York, New York**  
\$40,000  
*Toward the costs of monitoring the implementation of the program of action of the Cairo conference on population and development in its newspaper The Earth Times*

**Family Care International, New York, New York**  
\$50,000  
*To produce an action-oriented summary of all of the commitments governments made to sexual and reproductive health and rights at recent international conferences.*

<b>Family Care International,</b> New York, New York <b>\$103,000</b> <i>For activities related to reproductive health issues at the Fourth World Conference on Women</i>	<b>International Planned Parenthood Federation, London, England</b> <b>\$150,030</b> <i>To continue an educational initiative on population and development for parliamentarians of all parties in Denmark and Finland</i>	<b>Princeton University, Princeton, New Jersey</b> <b>\$49,530</b> <i>For a collaborative project with Obafemi Awolowo University on exposure to the mass media and its effects on reproductive behavior in ten African countries</i>
<b>Family Health International, Research Triangle Park, North Carolina</b> <b>\$90,000</b> <i>For a study to determine the costs for reproductive health and family planning services at the facilities level in Ghana</i>	<b>Johns Hopkins University, Baltimore, Maryland</b> <b>\$173,140</b> <i>For a collaborative project with the University of Montreal on the relationships between declining child mortality and fertility rates in sub-Saharan Africa</i>	<b>Princeton University, Princeton, New Jersey</b> <b>\$27,780</b> <i>For a study at its Office of Population Research concerning the unmet need for family planning in Morocco</i>
<b>Family Planning Association, Wellington, New Zealand</b> <b>\$30,000</b> <i>To improve the Association's ability to communicate the Cairo Plan of Action in population, development and reproductive health to policy-makers and the public</i>	<b>JSI Research and Training Institute, Arlington, Virginia</b> <b>\$100,000</b> <i>For a study of ideational change in Bangladesh and its effects on fertility and women's status.</i>	<b>United Nations Population Fund, New York, New York</b> <b>\$326,000</b> <i>To set up a secretariat in Bangladesh for the Partners in Population and Development initiative and implement its plans for South-South collaboration.</i>
<b>Fayetteville State University, Fayetteville, North Carolina</b> <b>\$33,830</b> <i>For the second year of a study of how ideational change over the past 20 years has affected Iranian marriage and fertility patterns, and the extent of women's participation in the labor-force</i>	<b>Makerere University, Kampala, Uganda</b> <b>\$10,250</b> <i>For an intergenerational study of marriage and childbearing aspirations among Ugandan elites</i>	<b>United Nations Population Fund, New York, New York</b> <b>\$862,500</b> <i>To continue support for the Partners in Population and Development Initiative</i>
<b>Foundation-administered project</b> <b>\$950,000</b> <i>To cover program operations costs associated with Foundation efforts to communicate population and development issues in developing and industrial countries</i>	<b>Makerere University, Kampala, Uganda</b> <b>\$21,900</b> <i>For a study of how social factors affect women's use of health services in Uganda</i>	<b>University of Cape Coast, Accra, Ghana</b> <b>\$34,420</b> <i>For a collaborative study with the Population Council on ideational change and reproductive behavior in Ghana</i>
<b>Foundation-administered project</b> <b>\$75,000</b> <i>To cover program operations costs associated with the Foundation's role as interim secretariat for the Partners in Population and Development initiative</i>	<b>Marie Stopes International, London, England</b> <b>\$99,080</b> <i>For a workshop to enhance the ability of European NGOs to communicate population issues to policy-makers and to facilitate the establishment of additional all-party parliamentarian groups in the region</i>	<b>University of Michigan, Ann Arbor, Michigan</b> <b>\$15,000</b> <i>For use by its Population Studies Center for a collaborative study with the University of Nairobi on the demographic and health consequences of sedentarization among the Rendille of northern Kenya</i>
<b>Foundation-administered project</b> <b>\$150,000</b> <i>For Foundation costs associated with the Partners in Population and Development initiative</i>	<b>Population Action International, Washington, D.C.</b> <b>\$250,000</b> <i>For post-Cairo educational and media activities related to population and women's health issues</i>	<b>University of North Carolina at Chapel Hill, Chapel Hill, North Carolina</b> <b>\$76,800</b> <i>For a study to determine the costs for reproductive health and family planning services at the facilities level in the Philippines</i>
<b>Foundation-administered project</b> <b>\$25,000</b> <i>To cover Foundation costs associated with efforts to mobilize European resources for reproductive health and family planning services in developing countries</i>	<b>Population Council, New York, New York</b> <b>\$174,130</b> <i>For a study to document the impact of quality of care on women's reproductive behavior</i>	<b>University of Pennsylvania, Philadelphia, Pennsylvania</b> <b>\$232,000</b> <i>For a study on the role of social interaction in the diffusion of new ideas about family size and the adoption of family planning in sub-Saharan Africa</i>
<b>Harvard University, Cambridge, Massachusetts</b> <b>\$20,000</b> <i>For use by its Center for Population and Development Studies for a workshop to be held in collaboration with the Ministry of Health of the Gambia on integrating family planning and reproductive health programs</i>	<b>Population Council, New York, New York</b> <b>\$280,790 (joint with the Health Sciences division and African Initiatives program)</b> <i>For a study of the relationships between high fertility and educational investments by parents in their children in developing countries</i>	<b>University of Toronto, Toronto, Ontario, Canada</b> <b>\$20,000</b> <i>To establish a World Wide Web site for data collected by its Peace and Conflict Studies Program</i>
<b>International Centre for Diarrhoeal Disease Research, Dhaka, Bangladesh</b> <b>\$100,000</b> <i>For a study of how the Grameen Bank credit program has affected fertility</i>	<b>Population Council, New York, New York</b> <b>\$249,840</b> <i>For the second year of a study concerning the relationships between high fertility in developing countries and educational investments by parents</i>	<b>Vanderbilt University, Nashville, Tennessee</b> <b>\$35,880</b> <i>For a study of the relative roles of unmet need for contraception among men and women in Burundi, Ghana and Kenya, and how it affects the fertility transition in these countries</i>

<b>Western Consortium for Public Health, Berkeley, California</b>	<b>Other Grants</b>	<b>University of Pennsylvania, Philadelphia, Pennsylvania</b>
\$10,000		\$63,310
<i>To enable its Pacific Institute for Women's Health to commemorate International Women's Day and prepare for the U.N. women's confer- ence in Beijing.</i>	<b>Bellagio Population and Development Forum</b> <i>(1993 appropriation of \$1,000,000 for allocation by the officers to initiate a series of high-level Bellagio meetings on population and its rela- tionship to the other dimensions of development aimed at convincing policy-makers and donors of the cost-effectiveness of committing increased resources to satisfying the unmet demand for contraception)</i>	<i>To enable the Population Studies Center to continue to provide technical assistance to the Chinese State Family Planning Commission as it undertakes a field experiment in family planning in rural China</i>
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<b>Women U.S.A. Fund, New York, New York</b>	<b>Foundation-administered project</b>	<b>UN International Conference on Population and Development</b>
\$50,000	\$94,750	<i>(1993 appropriation of \$500,000, in addition to earlier funding, for allocation by the officers to provide final support for projects designed to ensure that participants in the 1994 United Nations International Conference on Population and Development have up-to-date and reliable information about the current demographic sit- uation, future projections and opportunities)</i>
<i>To enable their Women's Environment and Development Organization to organize activi- ties designed to encourage the implementation of the Cairo Programme of Action at upcoming international conferences</i>	<i>To cover costs in connection with the Partners in Population and Development initiative</i>	<b>Earth Times Foundation, New York, New York</b>
■ ■ ■	■ ■ ■	\$25,000
<b>World Population Foundation, (Deutsche Stiftung Weltbevölkerung), Hannover, Germany</b>	<b>Contraceptive Introduction Projects</b>	<i>Toward the costs of producing and distributing The Earth Times, the newspaper of record for the 1994 U.N. Conference on Population and Development</i>
\$97,700	<i>(1992 appropriation of \$2,325,000, in addition to earlier funding, for allocation by the officers to promote field studies and operations research assisting developing countries to introduce new contraceptive methods in their family planning programs)</i>	■ ■ ■
<i>Toward the costs of expanding communications efforts that provide the German public and policy-makers with information on population issues</i>	<b>International Planned Parenthood Federation, London, England</b>	<b>Australian National University, Canberra, Australia</b>
■ ■ ■	\$27,500	\$20,000
<b>Policy Research in Sub-Saharan Africa</b>	<i>For a NORPLANT follow-up study in Pakistan</i>	<i>Toward the costs of an August 1995 seminar on the demographic transition organized by its Health Transition Centre</i>
<i>(1994 appropriation of \$1,300,000 for allocation by the officers to support population research in Africa designed to improve policy-makers' understanding of the current unmet demand for family planning and reproductive health services in their countries and provide them with information on how to improve services and achieve rapid fertility declines)</i>	<b>Peking University, Beijing, China</b>	<b>Carter Center, Atlanta, Georgia</b>
<b>Ministry of Health, Accra, Ghana</b>	\$17,850	\$35,000
\$104,840	<i>To enable its Institute of Population Research to work with the Chinese State Family Planning Commission on a project designed to demon- strate the advantages of an enhanced rural family planning system</i>	<i>To explore the possible roles that the Center could play in the international population and development field</i>
<i>Toward the cost of continuing the demographic surveillance system of the Navrongo community health and family planning project</i>	<b>State Family Planning Commission, Beijing, China</b>	<b>Centre for Development and Population Activities, Washington, D.C.</b>
<b>Ministry of Health, Accra, Ghana</b>	\$101,110	\$7,000
\$43,850	<i>For a project demonstrating the advantages of an enhanced rural family planning system that integrates improved methods of contraception with better training of local family planning personnel</i>	<i>To enable its senior advisor for Nigeria to attend the Fourth U.N. World Conference on Women in Beijing</i>
<i>For a study of how husbands and wives in the Navrongo region communicate with each other about family planning</i>	<b>Family Planning Evaluation</b>	<b>China Population Information and Research Center, Beijing, China</b>
<b>Population Council, New York, New York</b>	<i>(1989 appropriation of \$500,000, in addition to earlier funding, for allocation by the officers to identify, through case studies of family plan- ning programs in developing countries, the key elements that policy personnel and program managers need to consider for strengthening natural population programs)</i>	\$61,860
\$647,250	<b>United Nations Population Fund, New York, New York</b>	<i>For a collaborative project with Family Health International concerning the impact that family planning has had on Chinese women's lives</i>
<i>For a project designed to strengthen research capacity in Africa through the establishment of a center for population policy research in Nairobi</i>	\$83,000	<b>Communications Consortium Media Center, Washington D.C.</b>
<b>University of Ouagadougou, Ouagadougou, Burkina Faso</b>	<i>For the establishment of an advisory group con- cerned with implementation of the recom- mendations made at the International Conference on Population and Development.</i>	\$27,500
\$84,350	<b>United Nations Population Fund, New York, New York</b>	<i>For a communications strategy designed to preserve the Cairo consensus on population and development at the Fourth UN World Conference on Women in Beijing.</i>
<i>To enable its research and training unit in demography to assess the health and demo- graphic impact of a community-based distribu- tion project in a rural area of Burkina Faso</i>	\$11,750	
<b>United Nations Population Fund, New York, New York</b>	<i>For the preparation of a paper on the feasibility of establishing a global contraceptive commodity fund</i>	

Federal University of Minas Gerais, Belo Horizonte, Brazil \$230,000 <i>For use by CEDEPLAR, three other Brazilian institutions, and the University of Texas at Austin for a project on the social impact of television on reproductive behavior in Brazil.</i>	Second Contraceptive Technology Revolution (1995 appropriation of \$3,700,000, in addition to earlier funding, for allocation by the officers to mobilize resources for launching a second contraceptive technology revolution that will lift the whole field of contraceptive research and development)	International Centre for Genetic Engineering and Biotechnology, New Delhi, India \$137,500 <i>For research on the spermicidal and antimicrobial properties of Neem seed extracts and their effects on fertility</i>
International Women's Health Coalition, New York, New York \$91,650 <i>To launch a public education program in the United States about the ways foreign assistance affects international humanitarian and development initiatives that focus on human rights and gender equality</i>	All India Institute of Medical Sciences, New Delhi, India \$100,000 <i>For a training and research program in fertility regulation as part of the Contraception 21 initiative</i>	Latin American Program for Training and Research in Human Reproduction, Mexico City, Mexico \$500,000 <i>For a project designed to strengthen human resources and the infrastructure for biomedical research and fertility regulation in the region</i>
Population Action International, Washington, D.C. \$93,000 <i>For a public information and education campaign in the United States concerning the action plan agreed upon at the 1994 International Conference on Population and Development</i>	All India Institute of Medical Sciences, New Delhi, India \$55,800 <i>For a project in collaboration with the California Regional Primate Research Center on maternal-embryo signals during the perimplantation periods in primates</i>	National Academy of Sciences, Washington, D.C. \$25,000 <i>To complete a project of the Institute of Medicine concerning public- and private-sector collaboration in the application of biotechnology to contraceptive research and development</i>
<b>Advanced Training Fellowships</b>	Chinese Academy of Sciences, Beijing, China \$200,000 <i>For use by its Institute of Zoology for training and research on male contraception and implantation as part of the Contraception 21 initiative</i>	National Museums of Kenya, Nairobi, Kenya \$50,900 <i>To strengthen the linkage between its Institute of Primate Research and the University of North Carolina as part of the Contraceptive 21 initiative</i>
Clement Ahiadeke, University of Ghana, Legon, Ghana <i>Ph.D. study in demography in the Department of Rural Sociology, Cornell University, Ithaca, New York</i>	Chulalongkorn University, Bangkok, Thailand \$50,000 <i>For a collaborative project with the University of Ottawa on the effects of various peptides on human sperm-zona binding</i>	Reproductive Health Technologies Project, Washington, D.C. \$120,500 <i>For the promotion of research and development of microbicides to protect women from sexually transmitted diseases</i>
Devendra Prasad Shrestha, Tribhuvan University, Kathmandu, Nepal <i>Special postdoctoral training in demography at the Survey Research Center, Institute for Social Research, University of Michigan, Ann Arbor</i>	Eastern Virginia Medical School of the Medical College of Hampton Roads, Norfolk, Virginia \$1,299,420 <i>To enable its CONRAD program to implement a new approach to private- and public-sector collaboration in contraceptive research</i>	Rush-Presbyterian-St. Luke's Medical Center, Chicago, Illinois \$200,170 <i>For the development of vaginal contraceptives that provide protection against sexually-transmitted diseases</i>
Mguyen Minh Thang, National Committee for Population and Family Planning, Hanoi, Vietnam <i>Postdoctoral training in demography at the Center for Studies in Demography and Ecology, University of Washington, Seattle</i>	Foundation-administered project \$25,000 <i>To cover administrative costs associated with a Foundation effort to foster collaboration between pharmaceutical firms and public-sector contraceptive research and development programs</i>	Shanghai Institute of Planned Parenthood Research, Shanghai, China \$50,800 <i>Toward the costs of studies on levonorgestrel implants as contraceptives for use by men and the local effects of gonadal steroids in the female reproductive tract</i>
Robert Brent Keyser Wolff, Ann Arbor, Michigan <i>Social Science Research fellowship in Population Studies for research on the health transition in developing countries, at the Institute of Statistics &amp; Applied Economics, Makerere University, Kampala, Uganda</i>	Foundation-administered project \$100,000 <i>For a meeting at Bellagio on private- and public-sector collaboration in contraceptive development</i>	University of California, San Francisco, California \$92,000 <i>For a training program for developing-country scientists in the Department of Obstetrics, Gynecology and Reproductive Sciences as part of the Contraception 21 initiative</i>
<b>LAUNCHING A SECOND CONTRACEPTIVE REVOLUTION</b>	Harvard University, Cambridge, Massachusetts \$60,000 <i>To expand and disseminate the results of a study at the School of Public Health to identify what poor women like and dislike about existing contraceptive technology and their preferences for the development of new methods</i>	University of Pennsylvania, Philadelphia, Pennsylvania \$120,000 <i>For a career development fellowship program for developing-country scientists in the cellular and molecular aspects of reproduction</i>
<b>Major Program Initiatives</b>	Indian Institute of Science, Bangalore, India \$200,000 <i>For training and research in fertility regulation as part of the Contraception 21 initiative</i>	World Health Organization, Geneva, Switzerland \$80,000 <i>For a career development fellowship program of the Special Programme of Research, Development and Research Training in Human Reproduction</i>

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**Zhejiang Academy of Medical Sciences,  
Hangzhou, China**  
\$50,000  
*For a collaborative research program with Cornell University Medical College on postcoital and male contraception methods and the development of spermicides that protect against sexually-transmitted disease.*

#### Other Grants

**Biotechnology Career Fellowships**  
(1994 appropriation of \$1,140,000 (joint with the Agricultural and Health Sciences divisions) in addition to earlier funding, for allocation by the officers to assist young scientists based in developing nations to become leaders in the development and application of biotechnology that offers promise for improving the living conditions of poor people)

**Institute for Research in Reproduction,  
Bombay, India**  
\$41,800  
*For a study of the role of 5-alpha-reductase in the metabolism of androgens in the pituitary and prostate, to be undertaken by Biotechnology Career Fellow A. H. Bandivdekar, under the direction of Kalyan Sundaram, Center for Biomedical Research, the Population Council, New York.*

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**Re-entry Award Terminations**  
(1993 appropriation of \$600,000, in addition to earlier funding, for allocation by the officers to close out research support for population scientists returning to their home countries at the completion of fellowships)

**All India Institute of Medical Sciences,  
New Delhi, India**  
\$37,600  
*For a study of the hormonal regulation of Sertoli cell-specific proteins in rats.*

**Jiwaji University, Gwalior, India**  
\$30,000  
*For a study of the antifertility effects of immunization with rSMP-TT, a sperm protein*

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**Asociacion Dominicana  
Pro-Bienestar de la Familia,  
Santo Domingo, Dominican Republic**  
\$10,000  
*To enable scientists from the region to attend a meeting in Santo Domingo of the Latin American Association for Research on Human Reproduction.*

**Asociacion Dominicana  
Pro-Bienestar de la Familia,  
Santo Domingo, Dominican Republic**  
\$20,000  
*To strengthen the research capacity of the department of biomedical research.*

**Banaras Hindu University, Varanasi, India**  
\$52,820  
*For a study of the causes of delayed ovulation in a species of bats and in women who suffer from polycystic ovarian disease.*

**Concept Foundation, Bangkok, Thailand**  
\$87,150  
*For a public- and private-sector collaborative project to make emergency contraception products available to women in developing countries*

**Cornell University, Ithaca, New York**  
\$56,870  
*For a training and research program at the New York Hospital-Cornell Medical Center on the development of new methods of male contraception.*

**Federal University of Bahia, Salvador, Brazil**  
\$100,000  
*For a training program in human reproduction at the Maternidade Clímerio de Oliveira.*

**International Organization for Research on Reproductive Health, Salvador, Brazil**  
\$10,000  
*For market research in connection with the development of Uniplant, a single rod subdermal contraceptive system.*

**Montefiore Medical Center,  
New York, New York**  
\$20,000  
*For an epidemiological study of the effects of calcium channel blockers on male fertility*

**National University of Cuyo,  
Mendoza, Argentina**  
\$25,000  
*For a study at the Institute of Histology and Embryology on the effects of glycoproteins on the acrosome reaction in human sperm*

**World Health Organization,  
Geneva, Switzerland**  
\$17,500  
*Toward the costs of a consultation to recommend guidelines for the pre-clinical and clinical requirements for non-latex condoms*

#### Advanced Training Fellowships

**G. Pradeep Kumar, Devi Ahilay University,  
Indore, India**  
*Postdoctoral training in reproductive biology at the Center for Biomedical Research, Population Council, New York*

**Malini Laloraya, Devi Ahilay University,  
Indore, India**  
*Postdoctoral training in reproductive biology at the Center for Biomedical Research, Population Council, New York*

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#### RESEARCH TO IMPROVE REPRODUCTIVE HEALTH SERVICES

##### Major Program Initiatives

**HIV in the Developing World**  
(1995 appropriation of \$1,500,000 (joint with the Health Sciences division), in addition to earlier funding, for allocation by the officers to continue to help developing countries improve their capabilities for reducing the spread of HIV (human immunodeficiency virus) infection as well as other sexually-transmitted diseases, and to mitigate the consequences of current infection)

**Australian National University,  
Canberra, Australia**  
\$42,250  
*For use by its Health Transition Centre in support of a research project entitled "Vulnerability to an AIDS epidemic in South Asia. Bangladesh."*

**Chulalongkorn University,  
Bangkok, Thailand**  
\$20,000  
*For use by its Institute of Population Studies for continued support of a project concerning social influences on male sexual behavior in Thailand, being conducted in collaboration with the University of Michigan*

**East-West Center, Honolulu, Hawaii**  
\$100,000  
*In support of a multisite operations research project on geographical mapping of sex workers in Laos, Nepal and Taiwan*

**Foundation-administered project**  
\$75,000  
*To support the communications/marketing strategies of the HIV vaccine exploration*

**Harvard University,  
Cambridge, Massachusetts**  
\$75,500  
*For use by its AIDS Institute toward a state-of-the-art think tank on HIV vaccines for developing countries*

**Johns Hopkins University,  
Baltimore, Maryland**  
\$20,000  
*To facilitate the interpretation and design of community-based STD interventions in Africa.*

**London School of Hygiene and Tropical Medicine, London, England**  
\$75,000  
*In support of clinical epidemiological studies on HIV/AIDS in Abidjan, Ivory Coast*

**Susan Perl, London, England**  
\$58,315  
*In support of her work to provide policy education and communication relating to innovative HIV prevention strategies*

<b>Thailand Health Research Institute, Bangkok, Thailand</b> <b>\$40,000</b> <i>Toward the costs of attendance by non-Thais at the Third International Conference on AIDS in Asia and the Pacific, to be held in Chiang Mai, and for the costs of the roundtable on HIV/AIDS in Africa, to be held at the Conference.</i>	<b>International Projects Assistance Services, Carrboro, North Carolina</b> <b>\$96,310</b> <i>For an intervention research project to be conducted in collaboration with the University of Zimbabwe and the Zimbabwe Ministry of Health to provide family planning counselling and services to women treated for abortion complications in Zimbabwe.</i>	<b>University of Zimbabwe, Harare, Zimbabwe</b> <b>\$103,680</b> <i>For an intervention research project to be conducted in collaboration with International Projects Assistance Services and the Zimbabwe Ministry of Health to provide family planning counseling and services to women treated for abortion complications in Zimbabwe</i>
<b>University of California, San Francisco, California</b> <b>\$50,000</b> <i>In support of a research project in Northern Thailand entitled "Prevention of Mother to Child Transmission of HIV-1 by Neutralizing Antibodies"</i>	<b>K.E.M. Hospital Research Centre, Pune, India</b> <b>\$30,430</b> <i>For a study on adolescent sexuality and fertility in Western Maharashtra</i>	<b>Western Consortium for Public Health, Berkeley, California</b> <b>\$173,740</b> <i>To enable its Pacific Institute for Women's Health to provide technical assistance to African non-governmental organizations working in the field of adolescent reproductive health and sexuality.</i>
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<b>Improving Reproductive Health Service Delivery</b> <i>[1995 appropriation of \$2,100,000 (joint with the Health Sciences division), in addition to earlier funding, for allocation by the officers to support research in selected developing countries to identify sustainable models for expanding access to and improving the quality of reproductive health services, especially for neglected services and populations]</i>	<b>London School of Hygiene and Tropical Medicine, London, England</b> <b>\$81,480</b> <i>For the provision of technical assistance and training in reproductive health research to nongovernmental organizations in South Asia.</i>	<b>Zimbabwe National Family Planning Council, Harare, Zimbabwe</b> <b>\$30,910, in addition to earlier funding</b> <i>For the planning phase of a pilot project to provide reproductive health services for young people</i>
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<b>Advocates for Youth, Washington, D.C.</b> <b>\$3,190</b> <i>To enable an evaluator from Nigeria to travel to Washington, D.C. to report on the progress of the West Africa Youth Initiative.</i>	<b>Population Council, New York, New York</b> <b>\$100,000</b> <i>For a collaborative operations research project with Vietnamese government agencies to improve family planning services.</i>	<b>Public Health Schools Without Walls</b> <i>(1995 appropriation of \$1,250,000 (joint with the Health Sciences division) in addition to earlier funding, for allocation by the officers to support the field-based, graduate-degree training courses for public health officers in Zimbabwe, Uganda and Ghana, as well as exploratory activities in other countries)</i>
<b>Christian Medical College, Vellore, India</b> <b>\$47,100</b> <i>For a study of the sexual behavior and practices of adolescent boys and girls living in a rural community in Tamil Nadu, India</i>	<b>Population Council, New York, New York</b> <b>\$60,510</b> <i>For the provision of technical assistance to the Zimbabwe National Family Planning Council and the Family Planning Association of Kenya in the design of studies to test models of reproductive health services for young people.</i>	<b>Chulalongkorn University, Bangkok, Thailand</b> <b>\$2,200</b> <i>In support of developing-country participation at an international consultative workshop on "Public Health Curricula: Responding to Needs-based Health Reform," held March 20-23, 1995, in Bangkok, Thailand.</i>
<b>Foundation-administered project</b> <b>\$35,000</b> <i>To cover program operation costs in connection with the program in support of research in selected developing countries to identify sustainable models for expanding access to and improving the quality of reproductive health services.</i>	<b>Rural Development Women's Consultancy Group, Kampala, Uganda</b> <b>\$17,890</b> <i>To assess the impact of the Youth Alive Club's activities on preventing the spread of HIV and AIDS through educating young Ugandans about the disease and promoting behavior change</i>	<b>Foundation-administered project</b> <b>\$55,000</b> <i>For the costs of a workshop on public health training following the XIII INCLEN meeting</i>
<b>Foundation for Research in Health Systems, Ahmedabad, India</b> <b>\$25,930</b> <i>For a study of how married women under 20 years of age use reproductive health services in a district of Maharashtra, India</i>	<b>SAHAJ Society for Health Alternatives, Baroda, India</b> <b>\$31,470</b> <i>For an exploratory study of how gender relations among the poor in Bombay affect sexual behavior and the transmission of disease</i>	<b>Foundation-administered project</b> <b>\$75,000</b> <i>For operational expenses of the public health schools without walls initiative</i>
<b>INCLEN, Inc., Philadelphia, Pennsylvania</b> <b>\$116,120</b> <i>For the activities of its Reproductive Health Working Group</i>	<b>Tata Institute of Social Sciences, Bombay, India</b> <b>\$31,080</b> <i>For a study of sexuality among low-income urban college students in Bombay</i>	<b>Makerere University, Kampala, Uganda</b> <b>\$5,580</b> <i>For use by its Institute of Public Health to enable the management module coordinator for its public health schools without walls initiative to participate in a short-term training course on quality assurance management methods for developing countries</i>
<b>Institute for Education and Research in Demography, Yaoundé, Cameroon</b> <b>\$15,000</b> <i>For further analysis of data on adolescent fertility in Cameroon, and publication of the results</i>	<b>University of Colombo, Colombo, Sri Lanka</b> <b>\$25,120</b> <i>For a study examining the social processes leading to pre marital sexual behavior and a high incidence of abortion among young unmarried women in the Katunayake export promotion zone.</i>	<b>Makerere University, Kampala, Uganda</b> <b>\$350,000</b> <i>For use by its Institute of Public Health for its Master of Public Health Program</i>
<b>International Center for Research on Women, Washington, D.C.</b> <b>\$151,000</b> <i>For the provision of technical assistance to non-governmental organizations in India undertaking research on adolescent sexuality and fertility</i>	<b>University of Montreal, Montreal, Quebec, Canada</b> <b>\$140,950</b> <i>For a study to be conducted in collaboration with the University of Yaoundé on adolescent reproductive health and sexuality in Cameroon</i>	<b>Tulane University, New Orleans, Louisiana</b> <b>\$49,400</b> <i>For use by its medical center to provide technical assistance for the public health school without walls program.</i>

**University of Ghana, Accra, Ghana**  
\$44,000  
*For use by its School of Public Health for its public health schools without walls program.*

**University of Ghana, Accra, Ghana**  
\$22,000  
*For use by its School of Public Health for its public health schools without walls program.*

**University of Zimbabwe, Harare, Zimbabwe**  
\$121,854  
*To continue support for the Master of Public Health Training Program under the auspices of the public health schools without walls initiative*

**World Health Organization, Geneva, Switzerland**  
\$7315  
*In support of developing-country participation at the Third Meeting of the Network of African Postgraduate Training and Research Institutions in Public Health, held in Brazzaville, Congo*

**Other Grants**  
(Grants in this section are joint with the Health Sciences division.)

**Women for Women's Health**  
[1993 appropriation of \$1,300,000 (joint with the Health Sciences division), in addition to earlier funding, for allocation by the officers to help Malawi and Uganda develop capacity for training increased numbers of nurse-midwives and concurrently upgrade the skills and professional status of these health-care providers, with the goal of bringing about sustained reduction in national maternal mortality and morbidity rates]

**Makerere University, Kampala, Uganda**  
\$150,000  
*To strengthen its B Sc.N. program.*

**University of Pennsylvania, Philadelphia, Pennsylvania**  
\$80,000  
*For the planning phase of a collaborative multi-country Safe Motherhood project in Africa*

**University of Pennsylvania, Philadelphia, Pennsylvania**  
\$364,390  
*For orderly termination of the Women for Women's health initiative in Malawi.*

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**Columbia University, New York, New York**  
\$47,760  
*For the planning phase of an international reproductive health program at its Center for Population and Family Health.*

**Commonwealth Medical Association, London, England**  
\$10,000  
*Toward the costs of providing information on adolescent reproductive health issues to practitioners in developing countries and developing a training module that would enable them to become more effective in providing services*

**International Projects Assistance Services, Carrboro, North Carolina**  
\$60,000  
*To enable the Consortium for Post Abortion Care to work collaboratively with USAID to conduct research to identify cost-effective models for post-abortion services and to provide clinical training in the prevention and treatment of unsafe abortion in developing countries*

**Karolinska Institute, Stockholm, Sweden**  
\$60,000  
*To document the Swedish experience in the field of adolescent sexual and reproductive health for policy-makers in developing countries.*

**Mahidol University, Bangkok, Thailand**  
\$24,700  
*For use by its Faculty of Tropical Medicine in support of a research project to determine a strategy for malaria immunization of pregnant women in Thailand*

**Mexican Institute for Family and Population Research, Mexico City, Mexico**  
\$33,000  
*For a study of adolescent sexuality and reproductive health in Mexico City.*

**Nafsiah Mboi and Karen Smith, New York, New York, and Jakarta, Indonesia**  
\$35,000  
*To prepare and publish a book on women's health in Indonesia in English and Indonesian*

**Parivar Seva Santhsa, New Delhi, India**  
\$11,400  
*For the planning phase of a study to learn why women resort to illegal abortion in India, where the procedure has been legal for more than 20 years*

**Program for Appropriate Technology in Health, Seattle, Washington**  
\$71,040  
*For a study in collaboration with the Kenya Scouts Association on the effectiveness of using Scouts to extend family life education about sexuality and reproductive health to out-of-school youth and their parents*

**Reproductive Health Research Network in Francophone Africa, Dakar, Senegal**  
\$10,000  
*To enable Africans from outside of Senegal to attend a workshop that will develop a research and funding agenda for the region.*

**Tulane University, New Orleans, Louisiana**  
\$2,000  
*For use by its School of Public Health and Tropical Medicine to gather bibliographic material for a doctoral student in Zaire*

**U.N. Children's Fund, New York, New York**  
\$15,000  
*For an evaluation of the effectiveness of its Technical Support Groups initiative as an example of institutional collaboration in health and development programming*

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## AFRICAN INITIATIVES

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### Major Program Initiatives

**African Economic Research Consortium, Inc., Nairobi, Kenya**  
\$700,000, in addition to earlier funding  
*To build human capacity in economic policy research and policy management in sub-Saharan Africa.*

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**African Forum for Children's Literacy in Science and Technology**  
(1995 appropriation of \$550,000, in addition to earlier funding, for allocation by the officers to generate popular understanding in Africa among children and young adults of the principles and practical applications of science and technology)

**Administrative expenses**  
\$150,000, in addition to earlier funding

**Forum for African Women Educationalists, Nairobi, Kenya**  
\$20,000  
*For a traveling exhibit of traditional African toys designed to involve boys and girls in games that develop an understanding of science and mathematics*

**Foundation-administered project**  
\$100,000  
*For administrative expenses of the program*

**Foundation-administered project**  
\$801,000 in addition to earlier funding  
*For the costs of a print production workshop for Forum grantees*

**Geography Teachers' Association of Malawi, Zomba, Malawi**  
\$55,000  
*For its project to promote environmental education in Malawi through the secondary school geography curriculum*

**Handspring Trust for Puppetry in Education, Johannesburg, South Africa**  
\$42,860  
*To develop and produce a teaching video for science teachers of primary school children in South Africa.*

**Institute of Teacher Education Kyambogo, Kampala, Uganda**  
\$39,400  
*For its project to prepare a publication on "Who's Who" in science and technology education in Africa.*

<b>La Mansaamo Kpee, Accra, Ghana</b> \$7,000 <i>For a project of hands-on practical science learning.</i>	<b>Addis Ababa University, Addis Ababa, Ethiopia</b> \$2,500 <i>For administrative costs associated with Abebe Fisseha's dissertation research</i>	<b>Egerton University, Njoro, Kenya</b> \$2,500 <i>For administrative costs associated with Agnes Odingo's dissertation research.</i>
<b>Malawi Institute of Education, Domasi, Malawi</b> \$56,000 <i>For a teachers' training component of its video project linking community science and technology with school science in Malawi.</i>	<b>Addis Ababa University, Addis Ababa, Ethiopia</b> \$2,500 <i>For administrative costs associated with Damen Haile Mariam's dissertation research</i>	<b>Foundation-administered project</b> \$15,000 <i>For costs associated with the design of a series of field-research workshops for African doctoral students</i>
<b>Science Curriculum Initiative in South Africa, Durban, South Africa</b> \$57,220 <i>Toward the costs of its project to promote a problem-solving approach to science learning for children through a teachers' development program.</i>	<b>Addis Ababa University, Addis Ababa, Ethiopia</b> \$2,500 <i>For administrative costs associated with Getahun Bentu's dissertation research.</i>	<b>Foundation-administered project</b> \$250,000 <i>Toward costs associated with the design and implementation of a North American chain of dissertation workshops for African doctoral students at US and Canadian universities.</i>
<b>Science Teachers Association of Nigeria, Zaria, Nigeria</b> \$49,950 <i>For its project to adapt the "think and do" approach to science teaching for the Nigerian primary school system</i>	<b>Administrative allocation</b> \$25,000 <i>For administrative costs associated with the program</i>	<b>Indiana University, Bloomington, Indiana</b> \$3,645 <i>To enable the faculty advisor of intern Paul Mbaita to confer with him during his field research in Kenya</i>
<b>Science Teachers Association of Malawi, Zomba, Malawi</b> \$40,000 <i>For the start-up costs and six issues of a science and mathematics magazine for pupils of secondary schools and distance education centers in Malawi.</i>	<b>Administrative expenses</b> \$100,000, in addition to earlier funding.  <b>African Academy of Sciences, Nairobi, Kenya</b> \$265,000, in addition to earlier funding <i>Toward the costs of its project on research priorities for the education of girls and women in Kenya</i>	<b>International Livestock Research Institute, Addis Ababa, Ethiopia</b> \$2,500 <i>For administrative costs associated with Solomon Desta's dissertation research.</i>
<b>University of Durban-Westville, Durban, South Africa</b> \$150,000 <i>Toward the costs of the all-Africa conference on science and technology education, to be held in Durban, in December 1995</i>	<b>Boston University, Boston, Massachusetts</b> \$6,891 <i>To enable James McCann, advisor to Tumelo Tsikoane, to confer with him during his dissertation research in Lesotho and South Africa.</i>	<b>Iowa State University, Ames, Iowa</b> \$4,383 <i>To enable the faculty advisor of intern Abdu Abdelkadir to confer with him during his field research in Ethiopia.</i>
<b>University of Ibadan, Ibadan, Nigeria</b> \$27,430 <i>For its project to motivate students to learn science</i>	<b>Centre for Advanced Social Science, Port Harcourt, Nigeria</b> \$2,500 <i>For administrative costs associated with Boye Ejobowah's dissertation research.</i>	<b>Johns Hopkins University, Baltimore, Maryland</b> \$3,408 <i>To enable Cheryl Alexander, adviser to William Kofi Adish, to confer with him during his dissertation research in Ghana.</i>
<b>University of Malawi, Zomba, Malawi</b> \$9,000 <i>For a seminar on the promotion of literacy in science and technology in Malawi.</i>	<b>Concordia University, Montreal, Quebec, Canada</b> \$3,275 <i>In conjunction with the African Dissertation Award to Edward Kissi, to enable his adviser, Frank Chalk, to confer with him during his field research in Ethiopia.</i>	<b>Kenya Agricultural Research Institute, Nairobi, Kenya</b> \$2,500 <i>For administrative costs associated with Sabina Mukoya-Wangia's dissertation research.</i>
<b>Zimbabwe Trust, Epsom, England</b> \$13,000 <i>To enable its publication, Action Magazine, to develop a marketing strategy, internationally and within Africa.</i>	<b>Dalhousie University, Halifax, Nova Scotia, Canada</b> \$5,285 <i>To enable the faculty adviser of intern Aggrey Ambah to confer with him during his field research in Malawi.</i>	<b>Kenya Forestry Research Institute, Nairobi, Kenya</b> \$2,500 <i>To supervise John Maingi's dissertation research</i>
<b>African Science-Based Development: Professional Preparation</b> <i>(1995 appropriation of \$1,500,000, in addition to earlier funding, for allocation by the officers to enhance the home-based relevance, quality and utilization of doctoral training for African students enrolled in North American universities, particularly in the Foundation's key fields of science and technology)</i>		
<b>Egerton University, Njoro, Kenya</b> \$2,500 <i>For administrative costs associated with Symon Mwangi's dissertation research</i>		
<b>Egerton University, Njoro, Kenya</b> \$2,500 <i>For administrative costs associated with Abdillahi Alawy's dissertation research</i>		
<b>Egerton University, Njoro, Kenya</b> \$2,500 <i>For administrative costs associated with Joseph Otieno's dissertation research</i>		
<b>Makele College of Dryland Agriculture, Ethiopia</b> \$2,500 <i>For administrative costs associated with Berhanu Gebremedhin's dissertation research.</i>		
<b>McMaster University, Hamilton, Ontario, Canada</b> \$3,120 <i>To enable Mingko Woo, adviser to Augustine Tarhule, to confer with him during his dissertation research in Nigeria</i>		

<b>Michigan State University, East Lansing, Michigan</b> <b>\$4,465</b> <i>To enable the faculty adviser of intern Kalala Ngalamulume to confer with her during her field research in Senegal</i>	<b>University of Ghana, Legon, Ghana</b> <b>\$2,500</b> <i>To supervise Kwaku Obosu-Mensah's dissertation research</i>	<b>Solomon Desta, Addis Ababa, Ethiopia</b> <b>\$24,185</b> <i>To enable him to conduct dissertation research at the International Livestock Research Institute in Addis Ababa, Ethiopia, on the topic "Banking Livestock Capital for Pastoral Risk Management and Urban Development in Ethiopia"</i>
<b>Moi University, Eldoret, Kenya</b> <b>\$2,500</b> <i>For administrative costs associated with Enos Esikuri's dissertation research</i>	<b>University of Ghana, Legon, Ghana</b> <b>\$2,500</b> <i>For administrative costs associated with Francis Owusu's dissertation research</i>	<b>Boye Ejebowah, Port Harcourt, Nigeria</b> <b>\$24,050</b> <i>To enable him to conduct dissertation research at the Centre for Advanced Social Science, Port Harcourt, Nigeria, on the topic "The Political Public and Difference: The Case of Nigeria"</i>
<b>Moi University, Eldoret, Kenya</b> <b>\$2,500</b> <i>For administrative costs associated with Laban Gwako's dissertation research</i>	<b>University of Malawi, Zomba, Malawi</b> <b>\$2,500</b> <i>For administrative costs associated with Margaret Mbilizi's dissertation research</i>	<b>Parfait Eloundou-Enyegue, Dschang, Cameroon</b> <b>\$19,640</b> <i>To enable him to conduct dissertation research at the University of Dschang, Cameroon, on the topic "Fertility Responses to Economic Recessions in Cameroon: Quantity, Quality and Quantity/Quality Tradeoffs"</i>
<b>Moi University, Eldoret, Kenya</b> <b>\$2,500</b> <i>For administrative costs associated with Adelheid Onyango's dissertation research</i>	<b>University of Manitoba, Winnipeg, Canada</b> <b>\$6,050</b> <i>In conjunction with the African Dissertation Internship Award to Aggrey Omu Anzala to enable his adviser, J. N. Simonsen, to confer with him during his field research in Kenya</i>	<b>Enos Esikuri, Eldoret, Kenya</b> <b>\$25,460</b> <i>To enable him to conduct dissertation research at Moi University in Eldoret, Kenya, on the topic "Spatial-Temporal Effects of Land Use Changes in Savanna Wildlife Areas of Kenya."</i>
<b>National University of Lesotho, Maseru, Lesotho</b> <b>\$2,500</b> <i>To supervise Tumelo Tsikoane's dissertation research</i>	<b>University of Minnesota, Minneapolis, Minnesota</b> <b>\$3,900</b> <i>In conjunction with the African Dissertation Award to David Maralack, to enable his advisor, Helga Leitner, to confer with him during his field research in South Africa</i>	<b>Abebe Fisseha, Addis Ababa, Ethiopia</b> <b>\$24,100</b> <i>To enable him to conduct dissertation research at Addis Ababa University in Ethiopia, on the topic "Education and the State: Ethiopian Secondary Education, 1941-1991"</i>
<b>State University of New York at Syracuse, Syracuse, New York</b> <b>\$3,728</b> <i>To enable the faculty advisor of intern Nathaniel Appleton to confer with him during his dissertation research in Cameroon</i>	<b>University of Nairobi, Nairobi, Kenya</b> <b>\$2,500</b> <i>For administrative costs associated with George Rubink's dissertation research</i>	<b>Berhanu Gebremedhin, Addis Ababa, Ethiopia</b> <b>\$26,900</b> <i>To enable him to conduct research at the Mekelle College of Dryland Agriculture, Ethiopia on the topic "The Economics of Soil Conservation Investments in the Tigray Region of Ethiopia"</i>
<b>University of Alberta, Edmonton, Alberta, Canada</b> <b>\$3,625</b> <i>To enable John Spence, advisor to Callistus Ogor, to confer with him during his field research in Kenya</i>	<b>University of Nairobi, Nairobi, Kenya</b> <b>\$2,500</b> <i>For administrative costs associated with Joyce Gichiku Mama's dissertation research</i>	<b>Laban Gwako, Eldoret, Kenya</b> <b>\$27,000</b> <i>To enable him to conduct research at Moi University, Eldoret, Kenya, on the topic "The Effects of Women's Land Tenure Security on Agricultural Productivity in Western Kenya"</i>
<b>University of Arizona, Tucson, Arizona</b> <b>\$5,193</b> <i>To enable Stuart E. Marsh, advisor to John Maangi, to confer with him during his dissertation research in Kenya</i>	<b>World Conservation Union, Harare, Zimbabwe</b> <b>\$2,500</b> <i>For administrative costs associated with Robson Mutandi's dissertation research</i>	<b>Adam Habib, Durban, South Africa</b> <b>\$25,400</b> <i>To enable him to conduct research at the University of Durban-Westville, South Africa, on the topic "South Africa's Uncertain Transition: Democratic Possibilities and Prospects"</i>
<b>University of Botswana, Gaborone, Botswana</b> <b>\$2,500</b> <i>For administrative costs associated with Eagilwe Segosebe's dissertation research</i>	<b>World Vision International, Blantyre, Malawi</b> <b>\$2,500</b> <i>For administrative costs associated with Mike Mtika's dissertation research</i>	<b>Peter Jeranyama, Harare, Zimbabwe</b> <b>\$25,500</b> <i>To enable him to conduct dissertation research at the University of Zimbabwe in Harare, on the topic "Maize Response to Legume and Fertilizer Nitrogen in Smallholder Cropping Systems of Zimbabwe"</i>
<b>University of California at Davis, Davis, California</b> <b>\$5,345</b> <i>In conjunction with the African Dissertation Award to Alhassan Manu, to enable his advisor, Kathryn Dewey, to confer with him during his field research in Ghana</i>	<b>Abdillahi Alawy, Njoro, Kenya</b> <b>\$25,100</b> <i>To enable him to conduct dissertation research at Egerton University in Njoro, Kenya, on the topic "The Invisible Factor in Extension Programs in Kenya: Women's Collective Strategies for Food Production and Environmental Conservation"</i>	
<b>University of Dschang, Dschang, Cameroon</b> <b>\$2,500</b> <i>For administrative costs associated with Parfait Eloundou-Enyegue's dissertation research</i>	<b>Getahun Benti, Addis Ababa, Ethiopia</b> <b>\$26,500</b> <i>To enable him to conduct dissertation research at Addis Ababa University on the topic "The Dynamics of Migration to Addis Ababa and the Over-Urbanization of the City, c. 1941-1974"</i>	
<b>University of Durban-Westville, Durban, South Africa</b> <b>\$2,500</b> <i>For administrative costs associated with Adam Habib's dissertation research</i>		

<b>Joyce Gichiku Maina, Nairobi, Kenya</b> \$26,500 <i>To enable her to conduct dissertation research at the University of Nairobi, Kenya, on the topic "Investigating the Most Limiting Amino Acids in Tilapine Diets Based on Sunflower and Groundnut Meals."</i>	<b>Agnes Odinga, Njoro, Kenya</b> \$26,085 <i>To enable her to conduct research at Egerton University, Kenya, on the topic "Women, Disease, Medicine and Change: A Social History of Maternal and Child Health Care in Rural South Nyanza, Kenya, 1930-1980."</i>	<b>Female Participation in African Education</b> (1995 appropriation of \$2,550,000, in addition to earlier funding, for allocation by the officers to improve understanding of sex differences in school participation in sub-Saharan Africa and help African countries design and test policies to close the gender gap in enrollment and education performance)
<b>John Maingi, doctoral candidate from Kenya at the University of Arizona</b> \$20,000 <i>To conduct dissertation research at the Kenya Forestry Research Institute, Nairobi, on the topic "Land Use and Vegetation Change in Response to River Basin Development in the Lower Tana Basin of Eastern Kenya."</i>	<b>Adelheid Onyango, Nairobi, Kenya</b> \$24,790 <i>To enable her to conduct research at Moi University, Kenya, on the topic "Breast Feeding and Growth Beyond Twelve Months."</i>	<b>Forum for African Women Educationalists, Nairobi, Kenya</b> \$340,000 <i>For general support, additional office space and its renovation, and its project to translate and produce audiotapes for distribution throughout Africa</i>
<b>Damen Haile Mariam, Addis Ababa, Ethiopia</b> \$27,000 <i>To enable him to conduct research at Addis Ababa University, Ethiopia, on the topic "The Effect of Extended Family Support on the Demand for Medical Care in Ethiopia."</i>	<b>Joseph Otieno, Njoro, Kenya</b> \$27,000 <i>To enable him to conduct research at Egerton University, Njoro, Kenya, on the topic "Agricultural Development and Environmental Change in Kuria District, Kenya."</i>	<b>Foundation-administered project</b> \$100,000 <i>For administrative expenses of the program.</i>
<b>Margaret Mbilizi, Zomba, Malawi</b> \$25,500 <i>To enable her to conduct dissertation research at the University of Malawi in Zomba, on the topic "Gender Socialization in Education Accommodation and Resistance by Girls in Malawian Primary and Secondary Schools."</i>	<b>Francis Owusu, Legon, Ghana</b> \$25,080 <i>To enable him to conduct dissertation research at the University of Ghana, Legon, on the topic "Urban Survival Strategies and Economic Restructuring in Ghana."</i>	<b>Foundation-administered project</b> \$75,000 <i>Toward the costs of a meeting of the Donors to African Education Working Group on Female Participation, held in Paris in October 1995</i>
<b>Mike Mtika, Blantyre, Malawi</b> \$25,705 <i>To enable him to conduct dissertation research at the Malawi Office of World Vision International in Blantyre, Malawi, on the topic "Illness, Deaths and Food Security: The Risks to Smallholder Agriculture in the Context of the Acquired Immune Deficiency Syndrome in Malawi."</i>	<b>George Rubiik, Nairobi, Kenya</b> \$25,625 <i>To enable him to conduct dissertation research at the University of Nairobi, Kenya, on the topic "Communal Ethic, Egalitarian Ideology and Agrarian Transformation in Uyoma, Western Kenya."</i>	<b>Foundation-administered project</b> \$150,000 <i>For administrative costs associated with the Female Participation in African Education program</i>
<b>Sabina Mukoya-Wangia, Nairobi, Kenya</b> \$24,770 <i>To enable her to conduct dissertation research at the Kenya Agricultural Research Institute in Nairobi, on the topic "Impacts of New Technologies on Yield and Yield Differences of Maize Among Kenyan Farmers."</i>	<b>Eagilwe Segosebe, Gaborone, Botswana</b> \$25,460 <i>To enable him to conduct dissertation research at the University of Botswana on the topic "Pastoral Management in Botswana: A Comparative Study of Grazing Management in Communal Areas and Leasehold Ranches of the Kweneng and the Southern Districts."</i>	<b>Ghana Institute of Management and Public Administration, Achimota, Ghana</b> \$2,500 <i>To cover its administrative expenses in connection with the re-entry grant to Lawrence Kannae.</i>
<b>Robson Mutandi, Harare, Zimbabwe</b> \$24,290 <i>To enable him to conduct dissertation research at the World Conservation Union in Harare, Zimbabwe, on the topic "Exploring the Role of Indigenous Knowledge in Livestock and Range Management Systems in African Arid Lands: A Study of Pastoral Communities in Southern Africa."</i>	<b>Tumelo Tsikoane, doctoral candidate from Lesotho at Boston University, Lesotho, South Africa</b> \$18,800 <i>To conduct dissertation research at the Institute of Southern African Studies, National University of Lesotho on the topic "From an Industrial Epidemic to a Village Scourge: A Social History of Tuberculosis in Lesotho, 1920-1980."</i>	<b>Institute of Development Studies, Brighton, England</b> \$536,000 <i>For its project on gender and primary schooling in sub-Saharan Africa.</i>
<b>Symon Mwangi, Njoro, Kenya</b> \$25,300 <i>To enable him to conduct research at Egerton University, Njoro, Kenya, on the topic "Status of <i>Exserohilum turcicum</i>, <i>Puccinia</i> spp. and Pathogenic Variations of <i>Bipolaris</i> spp. and their Implications for Maize Improvement in Kenya."</i>	<b>Oscar Wambuguh, Nairobi, Kenya</b> \$25,180 <i>To enable him to conduct dissertation research at the Kenya Wildlife Service in Nairobi on the topic "Local Communities and Wildlife Analysis of People-Wildlife Interactions Using a Geographic Information System in Laikipia District of Kenya."</i>	<b>Kenyatta University, Nairobi, Kenya</b> \$2,500 <i>For administrative costs associated with the re-entry grant to Kimani Njogu</i>
<b>Kwaku Obosu-Mensah, doctoral candidate from Ghana at the University of Toronto</b> \$17,610 <i>To conduct dissertation research at the University of Ghana on the topic "Urban Agriculture in Ghana."</i>	***	<b>Mazingira Institute, Nairobi, Kenya</b> \$125,000 <i>For a project on science and mathematics in girls' and women's lives</i>
		<b>University of Dar es Salaam, Dar es Salaam, Tanzania</b> \$15,330 <i>Toward the costs of its project to strengthen girls' participation in science and math in secondary schools</i>
		<b>University of Gezira, Khartoum, Sudan</b> \$2,500 <i>For administrative costs associated with the re-entry grant to Dawood Sultan</i>
		<b>University of Zimbabwe, Harare, Zimbabwe</b> \$2,500 <i>To cover its administrative expenses in connection with the re-entry grant to Josephine Zesaguli</i>

<b>World Bank, Washington, D.C.</b> \$50,000 <i>For use by its Economic Development Institute for a study of the feasibility of developing a program on strategic resource planning for girls' education in Africa</i>	<b>Council for the Development of Social Science Research in Africa, Dakar, Senegal</b> \$66,800 <i>Toward the costs of its project on democratic transitions in Africa</i>	<b>Northwestern University, Evanston, Illinois</b> \$38,800 <i>For a research seminar on intergenerational relations in Africa with implications for education, work, and health</i>
<b>Michael Camerini, Inc., New York, New York</b> \$50,000 <i>Toward the production costs of a documentary film on girls' education in Africa</i>	<b>African-American Institute, New York, New York</b> \$15,000 <i>To plan a workshop involving African women that would enhance their ability to promote the female education agenda</i>	<b>Operation Crossroads Africa, New York, New York</b> \$20,000 <i>For general support</i>
<b>Lawrence Kannae, Achimota, Ghana</b> \$21,850 <i>As a re-entry award enabling him to conduct research on the factors related to the educational achievement of girls in Ghana</i>	<b>African Association of Political Science, Harare, Zimbabwe</b> \$15,000 <i>Toward the costs of participants from Franco-phone Africa in the Association's biennial congress, held in Lagos, Nigeria, in June 1995</i>	<b>Population Council, New York, New York</b> \$249,840 <i>For the second year of a study on the relationships between high fertility in developing countries and educational investments by parents</i>
<b>Kimani Njogu, Nairobi, Kenya</b> \$20,400 <i>To enable him to develop a serial drama as a strategy to address the problem of teenage pregnancy among Kenyan schoolgirls</i>	<b>Catholic Relief Services, Baltimore, Maryland</b> \$15,000 <i>Toward the costs of its project to build local development capacity in Mozambique</i>	<b>United Nations Children's Fund, New York, New York</b> \$48,000 <i>For the development of gender-sensitive basic educational kits for eastern and southern Africa</i>
<b>Dawood Sultan, University of Gezira, Khartoum, Sudan</b> \$18,350 <i>To enable him to study the effects of maternal education on child nutrition and health outcomes</i>	<b>Commonwealth Secretariat, London, England</b> \$10,000 <i>To enable African participants to attend a conference entitled "Mathematics as a Barrier to Learning Science and Technology among Girls," held in India in January 1996</i>	<b>United Nations Educational, Social and Cultural Organization, Paris, France</b> \$50,000 <i>For use by its International Institute for Educational Planning to support the activities of the Association for the Development of African Education</i>
<b>Josephine Zesaguli, University of Zimbabwe, Harare, Zimbabwe</b> \$18,810, in addition to earlier funding <i>As a re-entry award enabling her to develop regional workshops and seminars for science educators in Zimbabwe</i>	<b>Feminist Press, New York, New York</b> \$8,000 <i>Toward the costs of the participation of African scholars in the Women's Studies International program at the UN Fourth World Conference on Women, held in Beijing in September 1995</i>	<b>University of Florida, Gainesville, Florida</b> \$35,000 <i>Toward the costs of implementing its Global Research on Environmental and Agricultural Nexus initiative</i>
<b>Other Grants</b>	<b>Institute of International Education, New York, New York</b> \$40,000 <i>Toward the costs of its project to prepare an inventory and analysis of models to support and sustain linkages in higher education between U.S. and southern African universities</i>	<b>University of Minnesota, Minneapolis, Minnesota</b> \$25,000 <i>Toward the costs of its collaboration with the Board for International Food and Agricultural Development to initiate programs with a household perspective to the implementation of African development projects</i>
<b>A Voice for Africa in the United States</b> (1988 appropriation of \$1,200,000 for allocation by the officers to strengthen A Voice for Africa in the United States, with particular focus on the U.S. foreign and development policy communities)	<b>International Collaborative for Science, Education and the Environment, Cambridge, Massachusetts</b> \$8,000 <i>Toward the costs of a project to assist a women's group in Zanzibar to organize science/environmental programs for their communities.</i>	<b>University of Pretoria, Pretoria, South Africa</b> \$30,000 <i>Toward the costs of the 1995 all-Africa moot court competition</i>
Constituency for Africa, Washington, D.C. \$40,000 <i>Toward the costs of preparing an operational plan to enable it to carry out its two-year action plan</i>	<b>National Urban Reconstruction and Housing Agency, Johannesburg, South Africa</b> \$100,000 <i>To provide a guarantee facility to assist it in the development of experimental rental housing for low-income families in South Africa</i>	<b>World Learning, Brattleboro, Vermont</b> \$20,000 <i>Toward the costs of its global partnership for nongovernmental organization studies, education and training</i>
Reflections on Development (1991 appropriation of \$650,000, in addition to earlier funding, for allocation by the officers to encourage outstanding Third World scholars to focus on the most recent lessons, experiences and challenges to development in different developing countries, and in the process to foster greater collaboration among scholars across countries and regions)	New York Academy of Sciences, New York, New York \$34,680 <i>Toward the costs of its project to examine the principles and practices guiding merit review and selection for higher education and scientific research with an emphasis on Africa</i>	
Council for the Development of Social Science Research in Africa, Dakar, Senegal \$100,000 <i>Toward the costs of its symposium, "Crises, Conflicts, and Transformations in Africa: Responses and Perspectives," held in Dakar, Senegal, June 26 to July 2, 1995.</i>		

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**ARTS AND HUMANITIES  
DIVISION**

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**UNDERSTANDING DIVERSITY**

*Major Program Initiatives*

**Hispanic Literary Heritage of the U.S.**  
University of Houston, Texas  
\$300,000  
*To continue support for a long-term research, preservation and publication project to recover the Hispanic literary heritage of the United States*

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**Intercultural Film/Video Program**  
(1995 appropriation of \$1,000,000 in addition to earlier funding for allocation by the officers to enable U.S. and international film, video and multimedia producers to create independent work exploring the conflicts, connections and commonalities of diverse communities)

**Administrative expenses**  
\$113,071  
*For administrative costs of the Intercultural Film/Video Fellowships program*

**Antorchas Foundation,**  
Buenos Aires, Argentina  
\$100,000  
*For incubator activities that foster exchange between independent film and video artists from Argentina, Brazil, Chile and the United States*

**Foundation for Independent Video and Film,**  
New York, New York  
\$60,000  
*For its stabilization initiative entitled Information Services for the 21st Century.*

**International Film Seminars,**  
New York, New York  
\$15,000  
*To support the participation of international and U.S. artists in the 1995 Robert Flaherty Seminar*

**Media for Development Trust,**  
Harare, Zimbabwe  
\$10,000  
*To establish a film and video resource center in Harare.*

**University of California,**  
Los Angeles, California  
\$40,000  
*For use by the UCLA Film and Television Archive to organize a conference entitled, "Curators Across Continents Exhibiting Media in a Changing World," at the Bellagio Study and Conference Center, May 29-June 2, 1995*

**Susana Aikin, New York, New York**  
\$35,000  
*For The Transformation, a documentary that chronicles the life of a Latino transvestite prostitute*

**Carlos Avila, Los Angeles, California**  
\$35,000  
*For Foto-Novelas, a cycle of four short films set in the Chicano/Latino community*

**Ellen Bruno, San Francisco, California**  
\$35,000  
*For Slave Girls, a documentary about the trafficking of Burmese girls into prostitution in Thailand*

**George Burdeau, San Francisco, California**  
\$35,000  
*For Backbone to the World, a documentary about the Blackfeet tribe's efforts to reclaim their cultural and religious heritage*

**Larry Clark, Oakland, California**  
\$35,000  
*For Feather River, a story about the alliance between African-American Mountain Men and Native Americans in the 1820s*

**Jem Cohen, New York, New York**  
\$35,000  
*For Lost Book Found, a video installation that reflects on city life*

**Chris Eyre, New York, New York**  
\$35,000  
*For He Who Crawls Silently Through the Grass with a Small Bow and One Bad Arrow Hunting for Enough Deer to Feed the Whole Tribe, a film based on the writings of Native American writer Sherman Alexie*

**Lisa Mann, Los Angeles, California**  
\$35,000  
*For Cat Calls, an experimental film essay on rape and other crimes targeting women*

**Mirella Martinelli, São Paulo, Brazil**  
\$35,000  
*For Land and Sea, a documentary film about fishermen who live in the bay of Paranagua in Brazil*

**Susan Meiselas, New York, New York**  
\$35,000  
*For Remembering Kurdistan, a CD ROM history of the Kurdish people*

**Salem Mekuria, Jamaica Plain, Massachusetts**  
\$35,000  
*For Fragments of a Memorial, a personal/historical video essay on the Ethiopian revolution of the 1970s*

**Alfonso Morales, Condesa, Mexico**  
\$15,000  
*For Nomadic Mexico, a documentary video of a tour of the Yoncas, a Mexican musical group whose fame has spread among Mexicans on both sides of the Rio Grande*

**Rita Moreira, São Paulo, Brazil**  
\$15,000  
*For The Other and I, a documentary video about the rise of the Neo-Nazi movement in Brazil*

**Meena Nanji, Los Angeles, California**  
\$35,000  
*For A Net of Jewels, an experimental video which explores three generations of a post-colonial, migratory Gujarati Ismaili family*

**Xiaolian Peng, New York, New York**  
\$35,000  
*For Billy Harlem & Me, an experimental documentary featuring the filmmaker's life and that of Lin Lin*

**Magaly Ponce, Vina del Mar, Chile**  
\$15,000  
*For Porcelain Flowers, a video focusing on nitrate mining camps in Northern Chile.*

**Daniel Reeves, New York, New York**  
\$35,000  
*For an experimental film entitled, Obsessive Becoming*

**Jonathan Robinson, San Francisco, California**  
\$35,000  
*For Oye Familia! A Dialogue with Society, a biographical/performance documentary about Puerto Rican writer/performer Piri Thomas*

**Hugo Rodriguez, Colonia Cuadrante de San Francisco, Mexico**  
\$35,000  
*For The Return, a documentary film about Latin American refugees returning to their home countries from Mexico*

**Eder Santos, Belo Horizonte, Brazil**  
\$35,000  
*For Intriguing People, a documentary film about testimonies of religious pilgrims from Brazil and Spain*

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**Multi-Arts Production Fund**  
(1995 appropriation of \$850,000 in addition to earlier funding for allocation by the officers to support creative artists in the performing arts whose work reflects the boldest explorations in intercultural and/or international representation)

**18th Street Arts Complex,**  
Santa Monica, California  
\$10,000  
*For the development and production of The Dodo Vaccine*

**Administrative Allocation**  
\$120,000  
*For administrative costs of the program*

**Administrative expenses**  
\$50,000  
*Toward the costs of administering the program*

<b>Appalshop, Whitesburg, Kentucky</b> \$50,000 <i>For a cross-cultural exploration between Zuni (Native American) artists and members of Roadside Theater</i>	<b>House Foundation for the Arts, New York, New York</b> \$25,000 <i>For the creation, development and production of Song of the Lark</i>	<b>River Arts Repertory Company, New York, New York</b> \$10,000 <i>For research and development of The Children of War Project.</i>
<b>AXIS Dance Troupe, Oakland, California</b> \$10,000 <i>For the development and production of Visible Differences/Hidden Histories.</i>	<b>Idris Ackamoor &amp; Cultural Odyssey, San Francisco, California</b> \$10,000 <i>For the creation, development and production of Street Wars: Staying Alive.</i>	<b>Seven Stages, Atlanta, Georgia</b> \$35,000 <i>For the production of Looking Backward, Working Forward</i>
<b>Brava for Women in the Arts, San Francisco, California</b> \$24,500 <i>For the creation, and production of Looking for Bayard, a musical performance piece by Brian Freeman that explores the subject of homophobia within the African-American community</i>	<b>IHU-Editora a Producões Artísticas, São Paulo, Brazil</b> \$25,000 <i>For the live performance component of "IHU, A Celebration of Indigenous Amazon Music"</i>	<b>Tara Arts Group, London, England</b> \$10,000 <i>For the final workshop of the Odyssey Project.</i>
<b>Center for the Arts at Yerba Buena Gardens, San Francisco, California</b> \$25,000 <i>For the development and production of the Youth Performing Arts Festival.</i>	<b>Japanese Cultural Arts Center, Berkeley, California</b> \$25,000 <i>For the production of The Goblins by its Harupin-Ha Butoh Company</i>	<b>The Group, Seattle, Washington</b> \$35,000 <i>For the creation, development and production of Undesirable Elements/Seattle</i>
<b>Cornerstone Theater Company, Santa Monica, California</b> \$25,000 <i>For the development and production of The San Miguel Project.</i>	<b>Life On The Water, San Francisco, California</b> \$10,000 <i>For the commission, development and production of Genocidal Suicide</i>	<b>University of California, Berkeley, California</b> \$25,000 <i>Toward the co-commissioning and production of Cal Performances' I Was Looking at the Ceiling and Then I Saw the Sky</i>
<b>Dance Theater Workshop, New York, New York</b> \$10,000 <i>For the development and production of A Black Burlesque</i>	<b>McCarter Theater Company, Princeton, New Jersey</b> \$25,000 <i>For the commission costs and production of its New Play Festival.</i>	<b>University of Leeds, Leeds, England</b> \$25,000 <i>For the Eritrea Community Based Theatre Project</i>
<b>Dancing in the Street, New York, New York</b> \$25,000 <i>For the development and production of City Water Tunnel</i>	<b>Miami-Dade Community College, Miami, Florida</b> \$25,000 <i>For artist collaborations as part of its community project, Miami X Change.</i>	<b>Walker Art Center, Minneapolis, Minnesota</b> \$25,000 <i>For a residency project—to be conducted in partnership with Pillsbury Neighborhood Services and Intermedia Arts Minnesota—to enable the Los Angeles-based African-American performance company, the Hittite Empire, to conduct performance workshops for young African-American men in Minneapolis-St. Paul</i>
<b>Dar A Luz, New York, New York</b> \$25,000 <i>For the production of The History of Infamy</i>	<b>Music-Theatre Group, New York, New York</b> \$10,000 <i>To develop and present You Don't Miss Water</i>	<b>Washington Performing Arts Society, Washington, D.C.</b> \$25,000 <i>For the creation and development of The Dangerous Border Game</i>
<b>Foundation for Independent Artists, New York, New York</b> \$35,000 <i>For the creation and presentation of Wings of Faith</i>	<b>New York Theatre Workshop</b> \$25,000 <i>To develop and produce Nothing Forever</i>	(81)
<b>Foundation for Independent Artists, New York, New York</b> \$10,000 <i>For the development of a new piece entitled River.</i>	<b>Pacific Symphony Association, Santa Ana, California</b> \$35,000 <i>To commission and produce A Musical Reflection on the Vietnam War</i>	<b>Representing Cultures Through Festivals</b> (1995 appropriation of \$700,000, in addition to earlier funding, for allocation by the officers to encourage festivals and related performance activities in the United States and internationally that promote social/cultural understanding and international dialogue, the combined sums available until December 31, 1996)
<b>Gamelan Sekar Jaya, El Cerrito, California</b> \$35,000 <i>For the creation of three new Balinese/American collaborative works.</i>	<b>Pepatián, New York, New York</b> \$25,000 <i>For the production of Familias</i>	<b>American Dance Festival, Durham, North Carolina</b> \$135,000 <i>For implementation of its 1995 international project activities.</i>
<b>Gotham Dance (Bebe Miller Dance Company), New York, New York</b> \$10,000 <i>For the creation, development and presentation of Tiny Sisters</i>	<b>Performance Space 122, New York, New York</b> \$10,000 <i>For the development and residency of Feather at the Flame</i>	<b>Appalshop, Whitesburg, Kentucky</b> \$75,000 <i>For activities of the 1995 American Festival Project</i>
<b>Helena Presents, Helena, Montana</b> \$35,000 <i>For the commissioning and residency of Garth Fagan, Don Pullen and the Chief Cliff Singers to create a new work.</i>	<b>Pregones Touring Puerto Rican Theatre Collection, New York, New York</b> \$35,000 <i>For La Ruta Panoramica: The Northeastern Latino Cultural Corridor</i>	

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**Representing Cultures Through Festivals**  
(1995 appropriation of \$700,000, in addition to earlier funding, for allocation by the officers to encourage festivals and related performance activities in the United States and internationally that promote social/cultural understanding and international dialogue, the combined sums available until December 31, 1996)

**American Dance Festival, Durham, North Carolina**  
\$135,000  
*For implementation of its 1995 international project activities.*

**Appalshop, Whitesburg, Kentucky**  
\$75,000  
*For activities of the 1995 American Festival Project*

Brooklyn Academy of Music, New York, New York \$50,000 <i>Toward the commissioning, creation and production of new works for the 1995 Next Wave Festival</i>	Universidad Federal de Minas Gerais, Belo Horizonte, Brazil \$250,000 <i>Toward the costs of a program of Rockefeller Foundation Resident Fellowships in the Humanities</i>	Virginia Foundation for the Humanities and Public Policy, Charlottesville, Virginia \$250,000 <i>Toward the costs of a program of Rockefeller Foundation Resident Fellowships in the Humanities at the Institute on Violence, Culture and Survival.</i>
<b>Institute of International Education,</b> New York, New York \$35,000 <i>For Arts International's conference entitled, "Grounds of Difference: Cross-examination of the International Festival Genre," at the Bellagio Study and Conference Center in July 1995</i>	<b>Universidad Iberoamericana,</b> Mexico City, Mexico \$250,000 <i>Toward the costs of a program of Rockefeller Foundation Resident Fellowships in the Humanities</i>	***
Mexican Fine Arts Center, Chicago, Illinois \$50,000 <i>For the 1995 Sor Juana de la Cruz Festival A Homage to Mexican Women</i>	Universidad Nacional Autónoma de Mexico, Mexico City, Mexico \$40,000 <i>Toward the costs of a research project, Urban Culture in Mexico City</i>	<b>Understanding Cultures through Museums</b> (1995 appropriation of \$1,000,000, in addition to earlier funding, for allocation by the officers to foster museum projects that use humanities insights to explore the role of culture in creating community and intergroup connections)
Pepatán, New York, New York \$45,000 <i>For the Sixth Annual International Latino Arts Festival, Rompeforma. Maraton de Baile, Performance y Visuales</i>	Universidade Estadual de Campinas, Campinas, Brazil \$250,000 <i>Toward the costs of a program of Rockefeller Foundation Resident Fellowships in the Humanities at the Culture and Politics Program</i>	<b>American Craft Museum,</b> New York, New York \$50,000 <i>Toward the costs of the exhibition Craft in the Machine Age 1920–1945</i>
Sonoran Institute, Tucson, Arizona \$12,000 <i>For the Celebration of Desert Cultures Festival.</i>	University of California, Los Angeles, California \$250,000 <i>Toward the costs of a program of Rockefeller Foundation Resident Fellowships in the Humanities</i>	Bard College, Annandale-on-the-Hudson, New York, New York \$50,000 <i>Toward the costs of the exhibition Between Heaven and Hell. Contemporary Art from the Middle Eastern Diaspora at its Center for Curatorial Studies</i>
Teatro Avante, Coral Gables, Florida \$50,000 <i>For the New York Extension component of the International Hispanic Theatre Festival</i>	University of California, Davis, California \$250,000 <i>Toward the costs of a program of Rockefeller Foundation Resident Fellowships in the Humanities</i>	Council for Creative Projects, Lee, Massachusetts \$15,000 <i>Toward the research stage of the exhibition Hecho en Cuba: 1959–1994</i>
<b>Rockefeller Foundation Resident Fellowships in the Humanities</b> (1995 appropriation of \$2,700,000, in addition to earlier funding, for allocation by the officers to advance scholarship that illuminates international and intercultural issues and to strengthen institutional sites where such scholarship is sustained)	University of Colorado at Boulder, Boulder, Colorado \$25,000 <i>Toward the costs of a program of Rockefeller Foundation Resident Fellowships in the Humanities at the Center for Studies of Ethnicity and Race in America</i>	Drawing Center, New York, New York \$50,000 <i>Toward an exhibition entitled Plains Indian Ledger Drawings</i>
<b>Administrative allocation</b> \$86,000 <i>For administrative costs of the Resident Fellowships in the Humanities</i>	University of Florida, Gainesville, Florida \$15,725 <i>For use by its Center for Latin American Studies toward the costs of a conference on race, the state and national identity in the Afro-American diaspora</i>	Fabric Workshop, Philadelphia, Pennsylvania \$75,000 <i>To implement its collaborative commissioning program for fiber art and textile artists entitled Changing Spaces</i>
City College of New York, New York \$250,000 <i>Toward the costs of a program of Rockefeller Foundation Resident Fellowships in the Humanities</i>	University of Georgia, Athens, Georgia \$250,000 <i>Toward the costs of a program of Rockefeller Foundation Resident Fellowships in the Humanities</i>	Federation of State Humanities Councils, Arlington, Virginia \$50,000 <i>For final programmatic activities relating to the traveling exhibition Produce for Victory. Posters and the American Home Front, 1941–45</i>
Guadalupe Cultural Arts Center, San Antonio, Texas \$250,000 <i>Toward costs of a program of Rockefeller Foundation Resident Fellowships in the Humanities</i>	University of Iowa, Iowa City, Iowa \$250,000 <i>Toward costs of a program of Rockefeller Foundation Resident Fellowships in the Humanities at its Center for International and Comparative Studies</i>	Fondo del Sol, Washington, D.C. \$25,000 <i>Toward the exhibition Lois Mailou Jones and Her Students, 1930–1955—An American Legacy</i>
Lower East Side Tenement Museum, New York, New York \$250,000 <i>Toward the costs of a program of Rockefeller Foundation Resident Fellowships in the Humanities</i>		Fondo del Sol, Washington, D.C. \$25,000 <i>Toward the exhibition The Art of the Santero —A Living Tradition</i>
		Galeria Studio 24, San Francisco, California \$50,000 <i>Toward the (Re) Generation Project</i>
		Gallaudet University, Washington, D.C. \$50,000 <i>Toward the exhibition DEAF: A Community of Singers</i>

<b>International Center of Photography, New York, New York</b> <b>\$5,000</b> <i>In support of a panel discussion that will accompany the exhibition, Nagasaki Journey: The Photographs of Yosuke Yamahata</i>	<b>University of Notre Dame, Notre Dame, Indiana</b> <b>\$20,000</b> <i>For use by The Snite Museum of Art toward the exhibition Ritual Ballgame</i>	<b>Jewish Museum, New York, New York</b> <b>\$5,000</b> <i>Toward the conference, "Assimilation and Cultural Retention"</i>
<b>Japanese American National Museum, Los Angeles, California</b> <b>\$60,000</b> <i>Toward its National Partnership Program, a two-way mentoring project in which the Museum works with local institutions and community groups to document, preserve, interpret, and make known their local history and culture through the creation of exhibitions, publications, educational materials and interpretive public program activities</i>	<b>Other Grants</b>  <b>American Academy of Arts and Sciences, Cambridge, Massachusetts</b> <b>\$5,000</b> <i>Toward the conference, "The Transformation of Academic Culture: The Past Fifty Years," that examined changing trends in U.S. scholarship</i>	<b>Libraries for the Future, New York, New York</b> <b>\$15,000</b> <i>To implement a series of ten community forums as part of the project, "The Civic Library: Public Change through Public Libraries."</i>
<b>Library Foundation of San Francisco, San Francisco, California</b> <b>\$75,000</b> <i>Toward City Stories, San Francisco—City of Immigrants, a storytelling exhibitions program</i>	<b>Asia Society, New York, New York</b> <b>\$50,000</b> <i>For a one-year project exploring the role of Asian-Americans in U.S.-Asia relations entitled, Bridges with Asia: Asian-Americans in the U.S.</i>	<b>Museums Universally Supporting Education and Entertainment (MUSÉE), Wayne, Pennsylvania</b> <b>\$15,000</b> <i>To convene a conference, "Global Knowledge Art, Culture and Their Role in Emerging Technologies," at the Bellagio Study and Conference Center in July 1995</i>
<b>New Museum of Contemporary Art, New York, New York</b> <b>\$75,000</b> <i>Toward the exhibition A Labor of Love</i>	<b>Capoeira Foundation, New York, New York</b> <b>\$25,000</b> <i>For the creation of a new full-length work by DanceBrazil entitled, Quilombos</i>	<b>National Association of Latino Arts and Culture, San Antonio, Texas</b> <b>\$25,000</b> <i>For implementation of the second annual NALAC conference</i>
<b>Philippine Information Education and Resource Center, San Francisco, California</b> <b>\$25,000</b> <i>In support of its second Filipino American Arts Exposition</i>	<b>Carlos Montemayor, Mexico City, Mexico</b> <b>\$30,000</b> <i>For continuation of the Contemporary Maya Literature project</i>	<b>National Endowment for the Humanities, Washington, D.C.</b> <b>\$5,000</b> <i>For its 30th anniversary symposium entitled, "Extending the Boundaries of Understanding"</i>
<b>Royal Academy of Arts, London, England</b> <b>\$100,000</b> <i>Toward the costs of the catalogue for the exhibition Africa: The Art of a Continent.</i>	<b>Center for Arts and Culture, Washington, D.C.</b> <b>\$100,000</b> <i>Toward its fiscal year 1996 general operating expenses</i>	<b>National Puerto Rican Coalition, Washington, D.C.</b> <b>\$10,000</b> <i>For its 15th annual conference "Advancing The Puerto Rican Community Into the 21st Century"</i>
<b>Self-Help Graphics and Arts, Los Angeles, California</b> <b>\$35,000</b> <i>In support of its 1995–96 activities</i>	<b>City University of New York, New York, New York</b> <b>\$10,000</b> <i>For use by its Graduate School and University Center toward the conference, "Lesbian and Gay History: Defining a Field"</i>	<b>Network of Latin American Producers of Independent Contemporary Art, Salvador, Brazil</b> <b>\$35,000</b> <i>Toward the travel expenses of a conference entitled, "The Plural, the Multiple and the Diverse in Contemporary Art Production, at the Bellagio Study and Conference Center"</i>
<b>Smithsonian Institution, Washington, D.C.</b> <b>\$75,000</b> <i>For use by its National Museum of American Art toward the exhibition Kaleidoscope: American Art for the 21st Century</i>	<b>City University of New York, New York, New York</b> <b>\$12,000</b> <i>For use by its Graduate School and University Center toward the organizational development and multicultural training for its Center for Lesbian and Gay Studies</i>	<b>New School for Social Research, New York, New York</b> <b>\$30,000</b> <i>Toward the costs of a national conference entitled, "Technology and the Rest of Culture," and related public programs</i>
<b>Solomon R. Guggenheim Foundation, New York, New York</b> <b>\$100,000</b> <i>For use by its museum toward the exhibition Seven Stories About Modern Art in Africa.</i>	<b>Colorado College, Colorado Springs, Colorado</b> <b>\$20,000</b> <i>Toward the Latina Comparative Feminist Research Work Group 1995 Summer Institute</i>	<b>New York Foundation for the Arts, New York, New York</b> <b>\$5,000</b> <i>Toward costs of a study of cultural equity within the arts</i>
<b>Southeastern Center for Contemporary Art, Winston-Salem, North Carolina</b> <b>\$50,000</b> <i>For the 1995 Artist and Community projects</i>	<b>Film Society of Lincoln Center, New York, New York</b> <b>\$40,000</b> <i>Toward costs of the Arab Film Series project</i>	<b>Newberry Library, Chicago, Illinois</b> <b>\$40,000</b> <i>For use by its D'Arcy McNickle Center for the History of the American Indian to continue the development of a program entitled, "Indian Voices in the Academy for teachers of Native American history"</i>
<b>Universidad Nacional Autónoma de México, Mexico City, Mexico</b> <b>\$20,350</b> <i>Toward the costs of a project entitled History of Latin American Art: Problems and Issues at its Institute of Aesthetic Research</i>	<b>Grantmakers in the Arts, New York, New York</b> <b>\$12,000</b> <i>For its 1995 activities.</i>	
	<b>Harvard University, Cambridge, Massachusetts</b> <b>\$15,000</b> <i>For use by the W.E.B. Du Bois Institute for Afro-American Research to complete the Harvard Guide to African-American History</i>	

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<b>Organization of American Historians, Bloomington, Indiana</b> <b>\$25,000</b> <i>For two interrelated projects whose aim is to protect the intellectual autonomy and integrity of historians who work in museums, and evaluate the educational purposes and uses of history standards</i>	<b>La Red Latinoamericana de Productores Independientes de Arte Contemporaneo (Latin American Performance Network), Santiago, Chile</b> <b>\$275,000</b> <i>To facilitate intracontinental interaction among Latin American artists and independent arts organizations.</i>	<b>Friends of the Book Foundation, Nairobi, Kenya</b> <b>\$67,595</b> <i>Toward costs of the publication and reprinting of low-cost books on topics of key importance to Kenyan development.</i>
<b>Salzburg Seminar in American Studies, Middlebury, Vermont</b> <b>\$50,000</b> <i>To enable fellows from sub-Saharan African and Islamic countries to participate in a session entitled, "The Globalization of American Culture"</i>	■ ■ ■	<b>Panos Institute, Paris, France</b> <b>\$150,000</b> <i>Toward the costs of its program to strengthen independent radio in West Africa.</i>
<b>Solomon R. Guggenheim Foundation, New York, New York</b> <b>\$50,000</b> <i>For use by its museum toward the exhibition, In/Sight: Five Decades of African Photographers, 1940-Present</i>	<b>Partnerships Addressing Community Tensions (PACT)</b> <i>(1995 appropriation of \$600,000, in addition to earlier funding, for allocation by the officers for a program to identify support, and learn from community partnerships that integrate arts and humanities specialists into their problem-solving efforts)</i>	<b>Southern African Book Development Education Trust, London, England</b> <b>\$20,000</b> <i>For its South-North Travel Fund, and toward costs of its African Periodicals Exhibit at the 1995 Zimbabwe International Book Fair.</i>
<b>State University of New York at Binghamton</b> <b>\$12,585</b> <i>For the costs of a conference entitled, "The African Diaspora African Origins and New World Self-Fashioning"</i>	■ ■ ■	<b>Boston College, Chestnut Hill, Massachusetts</b> <b>\$22,030</b> <i>For use by the Bellagio Publishing Network Research and Information Center toward publications, research projects and other activities related to indigenous publishing in Africa and the Third World.</i>
<b>Theatre Group of Los Angeles, Los Angeles, California</b> <b>\$10,000</b> <i>For a symposium on the state of contemporary black theater presented as part of the Blacksmiths project</i>	<b>Role of Religion in the Civil Society</b> <i>(1995 appropriation of \$650,000 for allocation by the officers to foster a set of activities exploring the role of religion in building civil society)</i>	<b>International African Institute, London, England</b> <b>\$125,563</b> <i>Toward the costs of the West African Museum's program workshop and follow-up projects on museums and urban culture in West Africa</i>
<b>University of California, Los Angeles, California</b> <b>\$25,000</b> <i>For use by the African Studies Center to complete the Caribbean in The Marcus Garvey and Universal Negro Improvement Association Papers</i>	<b>World Conference on Religion and Peace, New York, New York</b> <b>\$500,000</b> <i>Toward its religion and peace building program</i>	<b>Media for Development Trust, Harare, Zimbabwe</b> <b>\$20,000</b> <i>Toward the costs of a November 1995 workshop on African film and video distribution in Harare, Zimbabwe</i>
<b>University of California, Berkeley, California</b> <b>\$30,000</b> <i>For use by its Pacific Film Archive toward costs of the Arab Film Series' Contemporary Arab Cinema project</i>	<b>Strengthening African Cultural Institutions</b> <i>(1994 appropriation of \$750,000 for allocation by the officers to strengthen the role of African cultural institutions in emerging civil societies)</i>	<b>Resolution (California Newsreel), San Francisco, California</b> <b>\$50,000</b> <i>For the California Newsreel/Film Resource Unit joint project entitled, New African Cinema: A North South Collaboration</i>
<b>World Encyclopedia of Contemporary Theatre, North York, Ontario, Canada</b> <b>\$25,000</b> <i>Toward the costs of a six-volume encyclopedia of contemporary world theater.</i>	<b>Administrative expenses</b> <b>\$25,000</b> <i>To cover consultancy costs for the coordination of a May 1995 meeting of donors interested in African cultural development, at the Bellagio Study and Conference Center</i>	<b>Thapong International Artists' Workshop, Gaborone, Botswana</b> <b>\$10,957</b> <i>To enable artists from outside Botswana to attend the 1995 Thapong International Artists' Workshop.</i>
<b>LIVING WITH DIVERSITY: BUILDING STRUCTURES FOR THE NEW CIVIL SOCIETY</b>	<b>Boston College, Chestnut Hill, Massachusetts</b> <b>\$22,060</b> <i>For use by the Bellagio Publishing Network Research and Information Center toward the costs of its publications research projects, and other activities related to indigenous publishing in Africa and the Third World.</i>	■ ■ ■
<b>Major Program Initiatives</b>	<b>Foundation-administered project</b> <b>\$34,130</b> <i>To cover travel and administrative expenses for a May 1995 meeting of donors interested in African cultural development, held at the Bellagio Study and Conference Center</i>	<b>Promoting African Civil Society through Cultural Institutions</b> <i>(1995 appropriation of \$1,100,000 in addition to earlier funding, for allocation by the officers to fortify African civil societies through support for cultural sector-building activities in museums, book publishing, radio, and film and video)</i>
<b>Culture and Community-Building Exploration</b> <i>(1995 appropriation of \$300,000 for allocation by the officers to foster a set of activities exploring the role of the arts and culture in building community)</i>	■ ■ ■	<b>Strengthening African Museums</b> <i>(1993 appropriation of \$250,000, in addition to earlier funding, for allocation by the officers to foster a set of initiatives that will aid civil society-building activities by African museums)</i>

<b>Cornell University, Ithaca, New York</b> \$17,000 <i>For the costs of a panel and accompanying exhibit by African artists at the 1995 African Studies Association annual meeting, held in Orlando, Florida.</i>	<b>Coalition for Immigrant Refugee Rights and Services, San Francisco, California</b> \$50,000 <i>Toward the costs of the Chinese and Latina Immigrant Leadership Training and Organizing/Educational Campaign, a leadership training and education program for low-income, Latina and Chinese immigrant women</i>	<b>Snitow-Kaufman Productions, Berkeley, California</b> \$42,000 <i>Toward the costs of the video documentary Blacks and Jews.</i>
<b>Musée de la Civilisation, Quebec City, Quebec, Canada</b> \$50,000 <i>Toward costs of the African tour of Ingenious Africa: Artisans and Recycling, a traveling exhibition</i>	<b>Dearborn Institute for Conflict Resolution, Wilmette, Illinois</b> \$60,000 <i>For a project to establish a consensus about the management of medical waste in Illinois.</i>	<b>Western New York Peace Center, Buffalo, New York</b> \$30,000 <i>Toward the costs of an arts-enhanced program of alternatives to violence in high schools to be used in training workshops for students and community policing officers</i>
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<b>Strengthening African Radio</b> (1993 appropriation of \$250,000, for allocation by the officers for an exploration to foster a set of initiatives that will aid civil society-building activities by African radio broadcasters)	<b>Esperanza Peace and Justice Center, San Antonio, Texas</b> \$50,000 <i>Toward the costs of the Leadership/Activist Training Program, an initiative designed to promote the alliance of local community and cultural organizations through a series of workshops, conferences and public forums</i>	<b>Fortifying Civil Societies Across Muslim Regions Through Their Cultural Institutions</b> (1995 appropriation of \$1,000,000, in addition to earlier funding, for allocation by the officers to foster a set of activities in Muslim societies where issues of pluralism and diversity are the subject of public and policy discussions)
<b>Institute for Democracy in South Africa, Cape Town, South Africa</b> \$12,350 <i>Toward the costs of the pilot phase of a radio series presenting oral histories of people who have lived in South Africa</i>	<b>Florence R. Kluckhohn Center, Bellingham, Washington</b> \$16,165 <i>Toward the costs of its Whatcom County Partnership Project, an initiative designed to promote cross-cultural understanding and develop collaborative strategies for dealing with conflicts related to water rights</i>	<b>Center for Palestine Research and Studies, Nablus, Israel</b> \$50,000 <i>Toward the costs of two public opinion polls, a settlers poll and a survey of political and social attitudes in the West Bank, Gaza Strip and East Jerusalem</i>
<b>World Association of Community Radio Broadcasters, Montreal, Quebec, Canada</b> \$15,000 <i>Toward the costs of African participation in its Sixth World Conference of Community Radio Broadcasters, held in Dakar, Senegal</i>	<b>Foundation-administered project</b> \$233,400 <i>Toward the costs of The Common Enterprise exploration</i>	<b>Contention Fund, Los Angeles, California</b> \$5,050 <i>For the translation, editing and joint publication costs of a series of articles on pluralism issues in Muslim societies by the Fund's journal, Contention and the Lebanese journal, The Beirut Review</i>
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<b>The Common Enterprise/Partnerships Addressing Community Tension</b> (1995 appropriation of \$1,000,000, in addition to earlier funding, for allocation by the officers to identify and support community problem-solving through diverse local partnerships that address conditions of conflict)	<b>Highlander Research and Education Center, New Market, Tennessee</b> \$41,200 <i>Toward the costs of its Cross-Cultural Labor Initiative, a project designed to bring together immigrants and local participants through cultural events, cross-cultural training sessions and outreach efforts to the emerging Latino community of the Appalachian region.</i>	<b>Economic and Social History Foundation of Turkey, Istanbul, Turkey</b> \$35,000 <i>For a study of civil society institutions in Istanbul as part of an examination of associational life in several Muslim world cities.</i>
<b>Administrative expenses</b> \$50,000 <i>For administrative costs of the PACT program</i>	<b>National Council of the Churches of Christ in the United States of America, New York, New York</b> \$49,510 <i>Toward the costs of its Ecumenical Networks' project, Building a Hospitable Community Confronting Bias, Countering Xenophobia, a multi-phase initiative that will bring together leaders from ecumenical and immigrant/refugee service groups to develop and disseminate strategies for combatting xenophobia in the United States</i>	<b>Economic and Social History Foundation of Turkey, Istanbul, Turkey</b> \$150,000 <i>For the costs of the second phase of development of its Istanbul Museum and Social History Center.</i>
<b>Alaska Humanities Forum, Anchorage, Alaska</b> \$50,000 <i>Toward the costs of the Communities of Memory project, an oral history initiative.</i>	<b>San Francisco Mime Troupe, San Francisco, California</b> \$50,000 <i>Toward the costs of a cross-cultural collaboration among young people of diverse backgrounds, resulting in an original musical comedy about teen violence and teen conflicts</i>	<b>Foundation-administered project</b> \$175,000 <i>To cover meeting and consultancy expenses in connection with the Foundation's Muslim world initiative</i>
<b>Appalshop, Whitesburg, Kentucky</b> \$30,000 <i>Toward the costs of the Forestry in Appalachia Project, a community partnership addressing the economic, social, and environmental conflicts associated with forestry practices in central Appalachia</i>	<b>Istanbul Alumni Foundation of Faculty of Political Science, Istanbul, Turkey</b> \$17,000 <i>For the costs of two meetings in Turkey and Morocco, comparing the Turkish and Maghrebi transformations from traditional to modern Muslim societies.</i>	
<b>Asian American Renaissance, St. Paul, Minnesota</b> \$30,750 <i>Toward the costs of In the Mix, a project designed to bring Asian-American and African-American young people together through the development of a multimedia initiative.</i>		

<b>Jerusalem International Book Fair, Jerusalem, Israel</b> \$22,940 <i>For the costs of bringing authors and publishers from Arabic-speaking countries to the 17th Biennial Book Fair in March 1995</i>	<b>El Fideicomiso para la Cultura Mexico/USA (U.S.-Mexico Fund for Culture), Mexico City, Mexico</b> \$400,000, in addition to earlier funding <i>To continue a program of support for collaboration, exchange and interaction between US and Mexican artists and scholars</i>	<b>University of Guadalajara, Guadalajara, Mexico</b> \$29,000 <i>For use by the Guadalajara International Book Fair toward a Bellagio conference of international book fair directors on the role of book fairs in building civil society</i>
<b>Lebanese Center for Policy Studies, Beirut, Lebanon</b> \$5,050 <i>For the translation, editing and joint publication costs of a series of articles on pluralism issues in Muslim societies by the Center's journal, <i>The Beirut Review</i>, and the US journal, <i>Contention</i></i>	<b>Other Grants</b>  <b>Arcadia Pictures, New York, New York</b> \$50,000 <i>For a multimedia project exploring American multiculturalism entitled, <i>A More Perfect Union: Americans in Conversation</i></i>	<b>Wolfson Foundation of Decorative and Propaganda Arts, Miami, Florida</b> \$25,000 <i>Toward the costs of a Cuban theme issue of the Journal of Decorative and Propaganda Arts</i>
<b>Obor, Guilford, Connecticut</b> \$18,336 <i>For the costs of a workshop in Fez, Morocco, to determine the feasibility of establishing a Moroccan Obor affiliate</i>	<b>Bread and Roses Cultural Project, New York, New York</b> \$10,000 <i>Toward the costs of a 12-poster series and study guide honoring the contributions of Native American women to American history and culture</i>	<b>World Conference on Religion and Peace, New York, New York</b> \$200,000 <i>Toward the development of a program on religion and conflict transformation</i>
<b>Palestinian Academic Society for the Study of International Affairs, East Jerusalem, Israel</b> \$50,000 <i>Toward the costs of its 1996 Dialogue Programme, a series a roundtable discussions on topics related to the building of Palestinian civil society</i>	<b>Cambodia Network Council, Washington, D.C.</b> \$50,000 <i>For the second year of the Mentorship-Apprenticeship program, a project that enables Cambodian performing artists to preserve their artistic heritage and rebuild a sense of cultural identity</i>	<b>World Music Productions, New York, New York</b> \$50,000 <i>Toward costs of the African distribution component of its radio series, AFROPOP Worldwide</i>
<b>Riwaq: Centre for Architectural Conservation, Ramallah, Israel</b> \$50,000 <i>Toward the costs of compiling a national register of historic and culturally significant Palestinian sites and buildings</i>	<b>Crossroads Theatre, New Brunswick, New Jersey</b> \$150,000 <i>Toward its 1995 stabilization fund</i>	<b>OTHER SUPPORT</b>
<b>SANART: Association for the Promotion of Visual Arts in Turkey, Ankara, Turkey</b> \$9,740 <i>Toward the costs of participation by Muslim world artists and scholars at an international symposium entitled, "Art and Taboos"</i>	<b>En Garde Arts, New York, New York</b> \$25,000 <i>To implement its stabilization initiative</i>	<b>Major Program Initiatives</b>
<b>Turkish Economic and Social Studies Foundation, Istanbul, Turkey</b> \$3,840 <i>For the costs of an international workshop on the role of think tanks and research centers in Muslim societies</i>	<b>Foundation-administered project</b> \$10,000 <i>For research and documentation of Kenya's cultural heritage.</i>	<b>Artists' Projects: Regional Initiative</b> (1994 appropriation of \$300,000, in addition to earlier funding, for allocation by the officers to assist emerging American performing artists to develop new work and reach new audiences through arts organizations in their own parts of the country)
<b>United Nations, New York, New York</b> \$60,000 <i>Toward travel costs for non-U.N. and non-UNESCO participants in a seminar for the promotion of independent and pluralistic Arab media, in Sana'a, Yemen, in January 1996</i>	<b>Meet the Composer, New York, New York</b> \$50,000 <i>To continue the New Residencies national program that supports intercultural, interdisciplinary partnerships between arts organizations and community or human development agencies</i>	<b>Administrative expenses</b> \$2,500 <i>Toward the costs of the program.</i>
<b>Understanding Theories of the Civil Society</b> (1995 appropriation of \$350,000 [joint with the Equal Opportunity division] for allocation by the officers to strengthen public and scholarly understanding of the concept of the civil society through research and public discussion)	<b>New 42nd Street, New York, New York</b> \$75,000 <i>For programming activities of the New Victory Theater's inaugural season</i>	<b>Lower Manhattan Cultural Council, New York, New York</b> \$8,500 <i>To cover outstanding costs of administering the New York State component of the Artists' Projects Regional Initiative.</i>
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	<b>People for the American Way, Washington, D.C.</b> \$50,000 <i>For the reconfiguration and related activities of the artsave project</i>	<b>Fund for U.S. Artists at International Festivals and Exhibitions Institute of International Education, New York, New York</b> \$375,000 in addition to earlier funding <i>To improve and increase the role of American artists in international visual arts exhibitions and performing arts festivals throughout the world</i>
	<b>Tucson Community Foundation, Tucson, Arizona</b> \$30,000 <i>To continue a small grants program designed to support local projects that seek to address community tensions</i>	***
		<b>International Biosafety Commission</b> (1992 appropriation of \$500,000 [joint with the Agricultural Sciences division] for allocation by the officers to assist the Stockholm Environment Institute, Sweden, in establishing an international Biotechnology Advisory Commission to which developing countries can apply for advice on the risks and benefits associated with the release of genetically engineered organisms)

**Stockholm Environment Institute,  
Stockholm, Sweden**  
\$100,000  
*Toward the costs of establishing an international  
Biotechnology Advisory Commission*

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**Music of the Americas**  
(1993 appropriation of \$550,000 for allocation  
by the officers to support collaborative residency  
programs for composers between Latin America  
and the United States)

**Relâche, Philadelphia, Pennsylvania**  
\$50,000  
*For the Music in Motion residency/exchange  
program between United States and Latin  
American musicians*

## BELLAGIO STUDY AND CONFERENCE CENTER

*The Center hosts approximately 30 conferences  
on topics of international importance. About  
half of these are selected competitively, the other  
half are organized by Foundation officers or  
grantees. In addition the Center provides  
approximately 140 individual residencies  
each year and 10 to 15 team residencies*

### 1995 CONFERENCES

#### *Agricultural and Environmental Sciences*

**Soils Research in Eastern and Southern Africa**  
*John Lynam, senior scientist, and Robert  
W Herdt, director, both of the Agricultural  
Sciences division, Rockefeller Foundation*  
(January 30–February 3)

#### *Biotechnological Challenges for Law and Ethics*

**B Sharon Byrd, Universitat Augsburg, Germany,**  
*Joachim Hruschka, Friedrich-Alexander  
University, Germany, and Jan C Joerden,  
Europa-Universität Viadrina (August 7–11)*

#### *Arts*

##### *Curators across Continents*

**Alberta Arthurs, director, and Janet Sternberg,  
consultant, both of the Arts and Humanities division,  
Rockefeller Foundation** (May 29–June 2)

#### *Integrating Global Knowledge: Art, Culture, and Their Role in Emerging Technology*

**Richard B Price, Museums Universally  
Supporting Education and Entertainment  
(MUSEE), Philadelphia, and Tomas Ybarra-  
Frausto, associate director, Arts and Humanities  
division, Rockefeller Foundation** (July 3–7)

#### *Grounds for Difference: Cross-examinations of the International Festival Genre*

**Joan A Shigekawa and Tomas Ybarra-Frausto,  
both Associate Directors, Arts and Humanities  
division, Rockefeller Foundation, and Noreen  
Thomassi, Arts International, New York**  
(July 17–21)

#### *The Plural, the Multiple and the Diverse in Contemporary Art Production*

**Carmen Romero, Romero y Campbell Produc-  
ciones de Arte Independiente, Santiago, Chile,  
Marcos Ribas, Teatro Espaco, Paraty, Brazil,  
and Tomas Ybarra-Frausto, associate director,  
Arts and Humanities division, Rockefeller  
Foundation** (November 27–December 1)

### **Cultural Studies**

**Print Islam and Civic Pluralism: "New"  
Religious Writings and Their Public**  
*Dale Eckelman, Dartmouth College and  
Clifford Chanin, associate director, Arts  
and Humanities, Rockefeller Foundation*  
(March 20–24)

#### **Donors Interested in African Cultural Development**

**Alberta Arthurs, director, and Damien  
Pwono, field staff, Arts and Sciences, Rockefeller  
Foundation** (May 1–5)

#### **Economics and Development**

**Aid Effectiveness in Africa**  
*Nicolas van de Walle, senior fellow,  
Overseas Development Council (ODC),  
Washington, D C (May 15–19)*

#### **Future of Work**

**Julia Lopez, director, Equal Opportunity  
division, Rockefeller Foundation**  
(August 14–18)

#### **Philanthropy and Development**

**Ethel Betancourt, president, Puerto Rico  
Community Foundation, Hato Rey, Puerto Rico,  
and Clifford Chanin, Rockefeller Foundation**  
(October 16–20)

#### *Assessment of Goals and Systems for International Cooperation in Science, Engineering and Medicine*

**Susan U Raymond, director, Policy Studies,  
New York Academy of Sciences** (October 30–  
November 3)

#### *The Status of Street Vendors in Cities*

**Ela Bhatt, general secretary, Self-Employed  
Women's Association, Ahmadabad, India**  
(November 20–24)

#### **Education**

##### *The Teaching of Values through Education, the Media and the Arts*

**Martin Skilbeck, deputy director of Education,  
OECD, Paris and Jennifer Williams, executive  
director, British American Arts Association,  
London (April 3–7)**

#### **Health**

##### *Promoting International Cooperation among Medical Journal Editors*

**Suzanne W Fletcher, M D, Harvard Medical  
School, Boston (March 13–17)**

#### *Responding to Tobacco: A Donor Consultation*

**Maureen Law, director general, Health Sciences  
International Development Research Centre,  
Ottawa, Canada (June 26–30)**

#### *Effectiveness in Adolescent Health*

**Aidan Macfarlane, National Adolescent  
and Student Health Unit, Oxford and Ann  
McPherson, general practitioner, Oxford,  
United Kingdom (August 28–September 1)**

**Securing Bodily Integrity for the Socially Disadvantaged: Strategies for Controlling the Traffic in Organs for Transplant**  
*David J. Rothman, Columbia University (September 25–29)*

#### **Urban Health Challenges for the 21st Century**

*Rodrigo Guerrero, PAHO, Universidad del Valle, Cali, Colombia; John Noble, Boston City Hospital and Boston University, Julia Walsh, Harvard School of Public Health, and Robert S. Lawrence, Johns Hopkins University (October 9–13)*

#### **History**

**Preservation and Use of Olduvai Gorge, Laetoli, Rock Art and Other Paleoanthropological Resources in Tanzania**  
*Cassian C. Magori, professor and head, department of anatomy and histology, University of Dar es Salaam, Tanzania, and Russell H. Tuttle, professor of Anthropology, Center for the History of Science and Medicine, University of Chicago (June 5–9)*

#### **International Security**

##### **Improving the Prospects for Future Peace Support Operations: Tactics, Technology, Training**

*Anthony Famberg, senior associate/project director, Office of Technology Assessment, Washington, D.C., and Alexander Ghikman, consultant, Arlington, Virginia (June 12–16)*

##### **Change, Communication and Cooperation in the Persian Gulf**

*Gary Sick, executive director, Gulf/2000, and adjunct professor of international affairs, Columbia University (July 24–28)*

#### **Population**

**Private and Public Collaboration in Contraceptive Research and Development**  
*Mahmood F. Fathalla, senior scientist, Population Sciences, Rockefeller Foundation (April 10–14)*

##### **Introduction of Emergency Contraception in Developing Countries**

*O A. Ladipo, South to South Cooperation in Reproductive Health, Salvador, Brazil (April 24–28)*

##### **The Lactational Amenorrhea Method of Family Planning: Efficacy and Modification of the Bellagio Guidelines**

*Kathy Irene Kennedy, principal research scientist, Family Health International, Research Triangle Park, North Carolina, Miriam H. Labbok, M.D., associate professor, obstetrics and gynecology, Institute for Reproductive Health, Georgetown University, and Paul Van Look, M.D., associate director, Special Programme of Research, Development, and Research Training in Human Reproduction, World Health Organization, Geneva (December 11–15)*

#### **1995 TEAM RESIDENCIES**

##### **Characterization of African Agricultural Systems**

*John Lynam, senior scientist, Agricultural Sciences, Rockefeller Foundation (two residencies, February 6–10 and August 23–29)*

##### **Setting Priorities for Rice Research**

*Robert W. Herdt, director, Agricultural Sciences, Rockefeller Foundation (March 13–19)*

##### **Comparative Study of Cooperative Approaches to Hazards and Environmental Management**

*Peter J. May, professor of political science, University of Washington, Seattle (May 8–20)*

##### **Neon Color Spreading: Interactions of Illusory Contours**

*Enmo Mingolla, associate professor of cognitive and neural systems and of psychology, Boston University (June 14–20)*

##### **Reproductive Rights as Human Rights: Implementing a Cross-cultural, Multi-country Research and Action Project**

*Rosalind Pollack Petchesky, professor of political science, Hunter College, CUNY, and International Coordinator, International Reproductive Rights Research Action Group (July 12–22)*

##### **Health Sector Interventions for Adolescent Health and Preparation for the WHO Study Group on Programming for Adolescent Health**

*Herbert L. Friedman, chief, Adolescent Health, Division of Family Health, World Health Organization, Geneva, Switzerland (July 26–August 3)*

##### **Oxygen Transport across the Pulmonary Epithelium: The Influence of Inhaled Environmental Pollutants on Lung Physiology and the Process of Cellular Oxygenation**

*Stephen R. Thomas, professor of radiology and director, Division of Medical Physics, University of Cincinnati Medical Center (August 9–15)*

##### **Political Learning and Redemocratization in Contemporary Latin America**

*Marcelo Cavarozzi, professor and chair, Ph.D. program, FLASCO, Mexico City (August 9–22)*

##### **Reconciling Freedom of Speech and Equality**

*Laura J. Lederer, research fellow and director, Center on Speech Equality and Harm, and John A. Powell, professor of law and director, Institute on Race and Poverty, both of the University of Minnesota (November 22–28)*

#### **1995 INDIVIDUAL RESIDENCIES**

##### **Agricultural and Environmental Sciences**

**Mochamed Adnan (Indonesia), professor, faculty of agricultural technology, Gadjah Mada University, Bulaksumur, Yogyakarta, Indonesia - a book on chromatography techniques for food analysis**

**Gustaaf A. de Zoeten (U.S.A.), professor and chairperson, department of botany and plant pathology, Michigan State University, East Lansing - a paper on the significance of virus inclusions as they are formed as a result of virus infection in plants**

**Lundela Rowland Ndlovu (Zimbabwe), dean, faculty of agriculture, University of Zimbabwe, and Lindiwe Majele Sibanda (Zimbabwe), research associate, / MacPherson Consulting Group, both of Harare - a book on improving smallholder goat production in southern Africa.**

**Sunday Oghiaikhe (Nigeria), lecturer in entomology, University of Zimbabwe, Harare - a handbook of information on the legume pod borer, *Maruca testulalis* Geyer (lepidoptera pyralidae)**

**Bart Ostro (U.S.A.), chief, Air Pollution Epidemiology Unit, California Environmental Protection Agency, Berkeley, California - a study, "Estimating the Health Effects of Air Pollution in Developing Countries"**

**Anthony Young (U.K.), professor of environmental sciences (retired), University of East Anglia, Norwich - a manuscript, "Land Resources for the Future."**

#### **Arts**

##### **Composers**

**W. Claude Baker Jr. (U.S.A.), composer in residence, St. Louis Symphony Orchestra, and professor of composition, School of Music, Indiana University, Bloomington - a concerto for orchestra, "Ambient Shadows"**

**Eve Beglarian (U.S.A.), composer, and Kathleen Supove (U.S.A.), pianist/keyboardist, both of New York - original songs and instrumental interludes, "Twisted Tutu"**

**Linda Bouchard (U.S.A.), composer in residence, National Arts Centre Orchestra, Ottawa, Ontario, Canada - a music composition for the Kronos Quartet**

**Robert Cogan (U.S.A.), professor of composition and chair, Graduate Theoretical Studies, New England Conservatory, Boston - music composition, "Whirl DS III."**

**Pozzi Escot (U.S.A.), professor of music, Wheaton College - a manuscript, "Mathematical Models in Music."**

**Jonathan D. Kramer (U.S.A.), professor of Music, Columbia University - a trio for violin, clarinet and piano for the Verdehr Trio**

**Sheila Silver (U.S.A.), associate professor of music, State University of New York, Stony Brook - a music composition for harp and string quartet**

**Zhou Long** (People's Republic of China), professor of Central Conservatory of Music, Beijing, and music director, *Music from China*, New York - a concerto for quartet and orchestra.

#### Visual Artists

**József Breznay** (Hungary), artist, Budapest - artwork, "The Relational System of Realist and Abstract Painting"

**Ed Fraga** (U.S.A.), artist, Detroit - artwork, "The Last Judgment"

**Maria Ganoczy** (Hungary), artist, Budapest - a series of paintings on the assimilation of craftsmen to the crafts

**Rudy Pozzatti** (U.S.A.), distinguished professor of fine arts, Indiana University, Bloomington - a series of large-scale, multimedia drawings to express in contemporary terms the classical subject of "The Twelve Labors of Hercules"

**Alexis Smith** (U.S.A.), artist, Venice, California - a series of small collages that explore issues of history, memory and taste suggested by the poem "Le Buone Cose di Pessimo Gusto"

**Betty Woodman** (U.S.A.), professor of fine arts, University of Colorado - artwork

#### Writers

**Daniela Crasnaru** (Romania), writer and director, Ion Creanga Publishing House, Bucharest, Romania, and Adam J. Sorkin (U.S.A.), professor of English, Pennsylvania State University, Media - a collaborative translation into English of a book of Daniela Crasnaru's selected poems and a volume of her short fiction

**Wayne Dodd** (U.S.A.), distinguished professor of English, Ohio University, Athens - a book of poems

**Mark A. Doty** (U.S.A.), guest faculty, Sarah Lawrence College, Bronxville, New York - his fourth book of poetry, "Atlantis"

**Jane Hirshfield** (U.S.A.), lecturer, University of California, Berkeley - her fourth collection of poetry, "The Lives of the Heart"

**Jeanne Wakatsuki Houston** (U.S.A.), Honolulu, Hawaii - a novel, "Fire Horse Woman"

**Carol Mack** (U.S.A.), playwright, New York - a play, "Interviews"

**Marina Palei** (Russia), writer and member, Union of Writers of Russia, St. Petersburg - "Yumaragd," a psychological novel, and "Galerie L," an adventure-psychological novel

**Ruy Pérez-Tamayo** (Mexico), head, Department of Experimental Medicine, National Autonomous University of Mexico Medical School - a book of stories emphasizing the human side of medical history

#### Autobiography/Memoirs

**Robert Giroux** (U.S.A.), chairman, editorial board, Farrar, Straus and Giroux, Inc., New York - a manuscript, "Of the Making of Many Books"

**Daniel Schorr** (U.S.A.), senior news analyst, National Public Radio, Washington, D.C. - his memoirs, "My Sixty-Year Reality Check."

#### Cultural Studies

**Annie Cohen-Solal** (France), research professor, Institute of French Studies, New York University - a series of cultural essays on Europe and the United States

**Brenda Danet** (Israel), professor of sociology and communication, Hebrew University, Jerusalem, Israel - a monograph on experiments with virtual theater in a synchronous form of computer-mediated communication, Internet Relay Chat

**E. Inman Fox** (U.S.A.), professor of Hispanic Studies, Northwestern University, Evanston - a manuscript, "Inventing Spain: Nationalism and National Culture"

**Samuel A. Floyd Jr.** (U.S.A.), director, Center for Black Music Research, Columbia College, Chicago - a manuscript, "Music in the Black Diaspora"

**Nilüfer Gole** (Turkey), professor of sociology, Boğaziçi University, Istanbul, Turkey - a study, "The Formation of Islamic Elites (Comparative Perspective in Turkey, Egypt and Iran)"

**Brenda Dixon Gottschild** (U.S.A.), professor of dance, Temple University, Philadelphia - a manuscript, "Stripping the Emperor: The Africanist Presence in American Performance and Other Essays"

**Norbert S. Hill Jr.** (U.S.A.), executive director, American Indian Science and Engineering Society, Boulder, Colorado - a booklet of essays on leadership in American Indian communities, "We're Alive! American Indian Leadership 2000"

**Marianne Hirsch** (U.S.A.), Parents Humanities Distinguished Research professor, Dartmouth College - a study of family photographs, exploring significant interrelations between narrative and photography in the postmodern moment

**James D. Houston** (U.S.A.), Honolulu, Hawaii - a nonfiction book, "The Steaming World," concerned with the range of American attitudes toward Asia and the Pacific Islands

**Helene Keyssar** (U.S.A.), professor of communication, University of California, La Jolla - a manuscript, "Drama and Democracy: The Dialogue among Theater, Film and Television in America"

**Kevin Richard Kopelson** (U.S.A.), assistant professor of English, University of Iowa, Iowa City - a book on pianism, gender and sexuality

**Stefan T. Morawski** (Poland), professor emeritus, Institute of Arts History and Theory, Polish Academy of Sciences and Letters, Warsaw - a study, "Postmodernity and the Possible Crisis of Culture"

**David Savran** (U.S.A.), professor of English and Theater Arts, Brown University, Providence - a manuscript, "Taking It like a Man: Masochism and Masculinity in American Culture since 1960"

#### Economics

**Donald E. Campbell** (Canada), CSX professor of Economics and Public Policy, College of William and Mary, Williamsburg, and Jerry S. Kelly (U.S.A.), distinguished professor of Economics, Syracuse University, New York - a study "Trade-Offs in Social Choice"

**Hou Weirui** (People's Republic of China), professor and dean, School of International Cultural Exchange, Shanghai International Studies University, China - a study, "The Investment Environment of Shanghai"

**Jaakko Kiander** (Finland), senior fellow, Labour Institute for Economic Research, and Pentti Virtanen (Finland), managing director, Research Institute of the Finnish Economy, both of Helsinki - , a study, "The Great Depression of the 1990s in Finland"

**Arthur J. Naparstek** (U.S.A.), Grace Longwell Coyle professor of Social Work, Case Western Reserve University, Cleveland - a manuscript, "Rethinking Poverty through a Community-building Approach: A Strategy for Empowerment"

**Carolyn Reid-Green** (U.S.A.), assistant professor, C.R. Drew University and University of California, Los Angeles, and president and CEO, Drew Child Development Corporation, Los Angeles - a manuscript, "The Viability of Community-Based, Child-serving Organizations as a Vehicle for Community Empowerment, Enterprise and Institution Building"

**Olga Tretyak** (Russia), professor of marketing, Faculty of Economics, St. Petersburg University, Russia - a study, "Development of Market-Oriented Retailing and Distribution in Russia"

#### Education

**Melodie Hicks Arterberry** (U.S.A.), education coordinator, Harvard-Smithsonian Center for Astrophysics - an interactive television program that teaches science concepts to elementary students through drama, "Action/Reaction"

**Frank Davidoff, M.D.** (U.S.A.), editor designee, Annals of Internal Medicine, and senior vice president - education, American College of Physicians, Philadelphia - a book of essays, "Reflections on Medical Education"

- Archie E. Lapointe (U.S.A.), director, Center for Assessment, Educational Testing Service, Princeton - a study, "Measuring Global Competence Beginning the Process"**
- Frank H. T. Rhodes (U.S.A.), former president, Cornell University - a book on the contemporary research university, evaluating its performance and suggesting a framework for self-renewal.**
- History**
- Mohammed Arkoun (France), professor, University of the Sorbonne, Paris - two manuscripts, "Violence, Sacredness, Truth in the Sura IX" and "History and Anthropology of the Maghreb"**
- Amatzia Baram (Israel), senior lecturer in history, University of Haifa, Israel - a manuscript, "Ba'athist Iraq: Domestic Strife and Regional Conflicts, 1968-1991"**
- Marcia L. Colish (U.S.A.), Frederick B. Artz professor of History, Oberlin College - a book manuscript, "The Middle Ages: Foundations of the Western Intellectual Tradition"**
- K. M. de Silva (Sri Lanka), professor of Sri Lankan History, University of Peradeniya, and Executive Director, International Centre for Ethnic Studies, Kandy, Sri Lanka - a study, "Ethnicity, Nationalism, and Conflict in South and Southeast Asia"**
- Robert Fox (U.K.), professor of the history of Science, University of Oxford - a book about the relations between the world of professional science and technology and the wider context of French society and culture between 1814 and 1918**
- James B. Gilbert (U.S.A.), professor of History, University of Maryland, College Park - a book addressing the religious nature of American culture in the 20th century**
- Yasmine Gooneratne (Australia), professor of English, Macquarie University, Australia - a biography of Sir John D'Oyly (1774-1824)**
- David A. Hollinger (U.S.A.), professor of history, University of California, Berkeley - a manuscript, "American Intellectuals and the Ethic of Science"**
- Michael Kammen (U.S.A.), professor of American history and culture, Cornell University - his presidential address for the Organization of American Historians in 1996, "History and Identity: A Meditation on the Personal, the Professional and the Historian's Craft"**
- Rashid Khalidi (U.S.A.), associate professor of Middle East history, University of Chicago - a manuscript, "Palestinian Identity: The Genesis of Modern National Consciousness"**
- Lawrence W. Levine (U.S.A.), Margaret Byrne professor of History, University of California, Berkeley - a study, "The American People and the Great Depression, 1929-1942"**
- Isabel Manachino de Perez Roldan (Argentina), professor of History, Escuela Superior de Lenguas, Universidad Nacional de Córdoba, Argentina - a study, "Italian Investments in Argentine Businesses: A Cordoba Case History, 1880-1914"**
- Bruce H. Mann (U.S.A.), professor of law and history, University of Pennsylvania Law School - a manuscript, "Debtors, Creditors, and Republicanism in the Revolutionary Era"**
- Penda Mbow (Senegal), senior lecturer, department of history, University of Dakar, Senegal - two studies, "Cultural Relations between Maghrib and Sudan throughout the works of Ahmad Baba of Timbuctu (1556-1627)" and "Ndiaye Mody Gurandu or the portrait of a Prophetess in Senegal"**
- Mariam Dossal Panjwani (India), associate professor of History, University of Bombay, India - a manuscript, "The Politics of Space in Colonial Bombay, c. 1780-1870"**
- Sajjad Kausar (Pakistan), assistant professor, Department of Architecture, National College of Arts, Lahore, Pakistan - a study of the historical gardens of Lahore**
- Leo Spitzer (U.S.A.), professor of history, Dartmouth College - a manuscript, "Surviving Memory: A Study of Central European-Jewish Refugee Emigration to Bolivia in the Era of World War II and Its Representation in Individual and Collective Remembrance"**
- Bat-Ami Zucker (Israel), senior lecturer, Department of General History, Bar Ilan University, Israel - a study, "Antisemitic Trends Their Impact on American Immigration Policy, 1933-1939"**
- International Security**
- F. W. Carter (U.K.), School of Slavonic and East European Studies, University of London, - a manuscript, "The States of Eastern Europe"**
- Kennedy Graham (New Zealand), secretary-general, Parliamentarians for Global Action, New York - a study to develop the "planetary interest" as a conceptual and political tool for the resolution of global problems**
- Holger H. Herwig (Canada), professor and head, Department of History, University of Calgary, Alberta, Canada - a study, "In Search of a Mission: The Federal Republic of Germany and International Security 1994"**
- Language and Literature**
- Abduzukhur A. Abduaizarov (Uzbekistan), professor and chairman, Department of English Language Phonetics and Phonology, Tashkent State University, Uzbekistan - a study, "On the Language Situation in Uzbekistan"**
- Daniel Fuchs (U.S.A.), professor of English, College of Staten Island, City University of New York - a study, "The Limits of Ferocity"**
- Harald Gaski (Norway), associate professor of Sami Literature, University of Tromsø, Norway, and Lars Nordstrom (Sweden), Oregon City, Oregon - a translation into English of Sami poet Nils-Aslak Valkeapää**
- Ann Goldstein (U.S.A.), editor, *The New Yorker* - a translation of "Olla Podrida," by Aldo Buzzati**
- Warwick Gould (U.K.), reader in English Literature and Deputy Programme Director, Centre for English Studies, University of London, and Deirdre Toomey (U.K.), Research Editor, Yeats's Annual, London - a book transcription for the authorized edition, *W. B. Yeats's Occult Diaries, 1898-1901***
- Manu Jaidka (India), reader, Department of English, Panjab University, Chandigarh, India - a manuscript, "Clown, Chorus, Gumshoe: T. S. Eliot's Use of Popular Science"**
- Richard Jenkyns (U.K.), university lecturer in classics, University of Oxford, England - a manuscript, "Virgil's Experience: Nature and History, Times, Names and Places"**
- John Kleiner (U.S.A.), assistant professor of English, Williams College, Williamstown - a study, "The Art of Losing: Versions of Failure from Virgil to Chaucer"**
- Tej Ratna Kansaker (Nepal), professor of linguistics, Tribhuvan University, Kathmandu, Nepal - a study, "Classical Newari Verbal Morphology and Its Implications for South-Asian Linguistics"**
- Ann Schofield (U.S.A.), associate professor of American Studies/Women Studies, University of Kansas, Lawrence - a manuscript, "Respectability in Turn-of-the-Century America"**
- Barbara Herrnstein Smith (U.S.A.), Braxton Craven, professor of Comparative Literature and English, Duke University - a book concerned with contemporary challenges to and defenses of traditional conceptions of cognition and language.**
- Law and Political Science**
- John W. Borneman (U.S.A.), assistant professor of anthropology, Cornell University - a manuscript, "Restructuring Justice and State Legitimacy in the Former GDR"**
- Alfred W. Blumrosen (U.S.A.), Thomas A. Cowan professor of law, and Ruth G. Blumrosen (U.S.A.), adjunct professor of law, both of Rutgers Law School - a comparison of affirmative action programs in other countries with those in the United States**
- Luis Costa Bonino (Uruguay), senior professor of comparative politics, University of the Republic, Montevideo, Uruguay - a study, "Political Learning during Redemocratization in Uruguay"**

**Aaron Tsado Gana (Nigeria), professor of political science, University of Jos, Nigeria - manuscript, "Federalism and the National Question: The Nigerian Experience"**

**Zoya Hasan (India), associate professor, Centre for Political Studies, Jawaharlal Nehru University, New Delhi, India - a study, "Diversity, Democracy and the Politics of Social Transformation"**

**Lisa L. Martin (U.S.A.), associate professor of Government, Center for International Affairs Harvard University - a study, "Dispersed Authority, Common Benefits: Legislatures and International Cooperation"**

**Susumu Morimura (Japan), Associate professor of law, Hitotsubashi University, Tokyo - a study, "Theoretical Foundations of Property Rights"**

**Thomaz Miguel Pressburger (Brazil), attorney, Rio de Janeiro, Brazil - a book on legal and in the field of protection and promotion of human rights in Latin America**

**Gustav Friedrich Schmidt (Germany), chair, Lehrstuhl Internationale Politik, Fakultät für Sozialwissenschaften, Ruhr-Universität Bochum, Germany - a study, "East-West Conflict and Inter-West Tensions: U.S. Perspectives on the Role and Position of (West) Germany and Japan in East-West Relations, 1950-1961"**

**Tracy B. Strong (U.S.A.), professor of political science, University of California, San Diego - a manuscript, "Here I Stand, I Can Do No Other: Politics and Aesthetics at the Turn of the 20th Century"**

**Elizabeth Warren (U.S.A.), William A. Schnader professor of law, University of Pennsylvania, Philadelphia - a manuscript, "The Social and Economic Role of Business Bankruptcy"**

#### **Medical and Population Sciences**

**Ruth Arnon (Israel), The Paul Ehrlich chair in Immunology, Weizmann Institute of Science, Israel - a review article, "Synthetic Peptide Antigens and Vaccines"**

**Sylvia G. Gendrop (U.S.A.), associate professor, College of Nursing, University of Massachusetts, Boston, and Cathy Strachan Lindenberg (U.S.A.), associate professor and chair, Department of Women and Children, Nell Hodgson Woodruff School of Nursing, Emory University, Atlanta - a large study, "Preventing Substance Abuse among Inner-City Hispanic Childbearing Women: Promoting Resiliency"**

**Hilary Koprowski, M.D. (U.S.A.), professor, Department of Microbiology and Immunology, Thomas Jefferson University, Philadelphia, and Michael B. A. Oldstone, M.D. (U.S.A.), head, Division of Virology, Department of Neuropharmacology, Scripps Research Institute, La Jolla - a manuscript, "Microbe Fighters Humans against Death"**

**Cedric A. Mims, M.D. (U.K.), emeritus professor of microbiology, Guys Hospital Medical School, England - a book for the general reader on infection and immunity**

**Richard K. Root, M.D. (U.S.A.), professor and vice chairman, Department of Medicine, University of Washington, and chief, Medical Service, Harborview Medical Center, Seattle - a new Euro-American multi-authored textbook concerning infectious diseases prevalent in North America and Western Europe**

#### **Philosophy, Religion, and Ethics**

**Jean Boyd (U.K.), writer, Cumbria, England - a book on the philosophic views of a 19th century Muslim woman scholar in West Africa, *Nana Asma'u***

**Diana L. Eck (U.S.A.), professor of comparative religion and Indian Studies, Harvard University - a study, "Multireligious America: New Questions for American Pluralism"**

**Ian Hacking (Canada), university professor, Institution for the History and Philosophy of Science and Technology, Victoria College, University of Toronto, Canada - a manuscript, "Styles of Reasoning"**

**F. Allan Hanson (U.S.A.), professor of anthropology, University of Kansas, Lawrence - a series of articles leading to a book on the social consequences of genetic testing and the human genome project**

**Michael P. Levine (Australia), senior lecturer in philosophy, University of Western Australia, Nedlands - a study, "Foundations of Comparative Ethics"**

**Stephen Neale (U.K.), associate professor and chair, Logic and Methodology of Science, University of California, Berkeley - a manuscript, "Layered Meaning: A New Framework for Semantics"**

**Marc Lee Raphael (U.S.A.), Nathan and Sophie Gumentick professor of Judaic Studies and professor of Religion, College of William and Mary, Williamsburg, Virginia - a history of the synagogue in the United States**

**Ruel W. Tyson Jr. (U.S.A.), professor of religious studies and director, Institute for the Arts and Humanities, University of North Carolina, Chapel Hill - a study, "Conversion and Difference in the Rhetoric of Southern Protestantism: Consequences for Cultural Diversity and Democratic Pluralism"**

#### **Psychology**

**Maria Lourdes Arellano-Carandang (Philippines), clinical psychologist, Greenhills Creative Child Center, Manila, and professor of Psychology, Ateneo de Manila University, Philippines - a manuscript, "Entering the Inner World of Sexually-Abused Street Children"**

**William R. Beardslee, M.D. (U.S.A.), director, Preventive Intervention Project, Judge Baker Children's Center, Boston - a study, "Integrations: The Search for a Preventive Intervention Strategy for Families"**

**Morton Beiser (Canada), David Crombie professor of Cultural Pluralism and Health, Clarke Institute of Psychiatry, University of Toronto, Canada - a manuscript, "Strangers at the Gates," concerned with answering questions about the mental health, adaptation, and social contribution of refugees in resettlement countries**

**Klaus W. Beyenbach (U.S.A.), professor of psychology, Cornell University - a study, "The Design of Living Things: Thoughts on the Cooperative Nature of Nature"**

**Diane F. Halpern (U.S.A.), professor of psychology, California State University, San Bernardino, and Alexander Voiskounsky (Russia), senior research associate, department of psychology, Moscow State University, Russia - a study, "Two Faces of Psychology: Eastern European and Western Views on Contemporary Issues"**

**Stuart A. Kirk (U.S.A.), Crump Professor of Social Welfare, School of Public Policy and Social Research, University of California, Los Angeles, and Herb Kutchins (U.S.A.), professor of social work, California State University, Sacramento - a manuscript, "Making a Diagnosis: The American Psychiatric Association's Diagnostic Manual and the Creation of Mental Disorders"**

**Barbara R. Sarason (U.S.A.), research professor in psychology, and Irwin G. Sarason (U.S.A.), professor of psychology, both of the University of Washington, Seattle - a book reviewing, analyzing and theoretically integrating research on social support**

#### **Sciences**

**Rouben V. Ambartsumian (Armenia), professor, Institute of Mathematics, Armenian Academy of Sciences, Yerevan, Armenia - a manuscript, "Combinatorial Integral Geometry - 2"**

**Robert J. Silbey (U.S.A.), professor of chemistry, Massachusetts Institute of Technology - a monograph on the physics and chemistry of molecular systems important for nonlinear optical processes**

#### **Sociology and Anthropology**

**Harvey E. Goldberg (Israel/U.S.A.), professor, department of sociology and anthropology, Hebrew University, Jerusalem, Israel - a monograph, "Anthropological Perspectives on Understanding the Bible"**

<p><b>Karol Mysliwiec (Poland), professor, Research Centre for Mediterranean Archaeology, Polish Academy of Sciences, Warsaw, Poland</b> - archaeological materials from the Polish-Egyptian rescue excavations at Tell Atrib/ancient Athribis in lower Egypt.</p>	<p><b>International Rescue Committee, New York, New York</b> \$2,500 <i>Toward the costs of activities to enhance the impact of a conference, "Unaccompanied Refugee Minors: Critical Guidelines for Durable Solutions," held March 21-25, 1994.</i></p>
<p><b>Joane Nagel (U.S.A.), professor of sociology, University of Kansas, Lawrence</b> - a manuscript, "Conflicting Loyalities: The Politics of Nationalism in the New World Order."</p>	<p><b>University of Cincinnati</b> \$4,000 <i>Toward the costs of activities to enhance a team residency, "Pulmonary Oxygen Transport and the Influence of Inhaled Environmental Pollutants," held August 9-15, 1995.</i></p>
<p><b>Lisbeth B. Schorr (U.S.A.), director, Harvard Project on Effective Services and lecturer in social medicine, Harvard University</b> - a book on "what works" to improve outcomes for substantial numbers of children and families living in disadvantaged environments.</p>	<p><b>Tides Foundation, San Francisco, California</b> \$17,820 <i>Toward the costs of activities to enhance a team residency, "Reproductive Rights as Human Rights: Implementing a Cross-cultural, Multi-country Research and Action Project," held July 12-21, 1995.</i></p>
<p><b>Victor A. Shnirelman (Russia), professor, Institute of Ethnology and Anthropology, Moscow</b> - a study, "An Ideology of Consolidation or Disintegration? Russian Nationalism in Historical Perspective."</p>	<p><b>Conversion for the Environment Foundation, Moscow, Russia</b> \$19,600 <i>Toward the costs of activities to enhance a conference, "Sea-Dumped Chemical Munition," to be held February 26-March 1, 1996.</i></p>
<p><b>Susan S. Silbey (U.S.A.), professor of sociology, Wellesley College</b> - a manuscript, "Between Desire and the Law: Varieties of Legal Consciousness."</p>	
<p><b>Penny Van Esterik (Canada), associate professor of anthropology, York University, Ontario, Canada</b> - a book on breast-feeding and the empowerment of women.</p>	
<p><b>Bellagio Innovation Fund</b> (1995 - \$150,000 in addition to \$190,000 from 1993-94, for allocation by the officers)</p>	
<p><b>University of Pittsburgh, Pittsburgh, Pennsylvania</b> \$7,700 <i>Toward the costs of follow-up activities in connection with a team residency in intercultural music, held July 18-30, 1995.</i></p>	
<p><b>People-to-People Health Foundation, Millwood, Virginia</b> \$24,750 <i>Toward the costs of activities to enhance the impact of a Bellagio conference, "Promoting International Cooperation among Medical Journal Editors," held March 13-17, 1995.</i></p>	
<p><b>University of Chicago, Chicago, Illinois</b> \$25,000 <i>Toward the costs of activities to enhance a conference, "Preservation and Use of Olduvai Gorge, Laetoli, Rock Art, and Other Paleoanthropological Resources in Tanzania," held June 5-9, 1995.</i></p>	
<p><b>Family Health International, Research Triangle Park, North Carolina</b> \$11,000 <i>Toward the costs of activities to enhance a conference, "The Lactational Amenorrhea Method of Family Planning: Efficacy and Modification of the Bellagio Guidelines," to be held December 11-15, 1995.</i></p>	

## EQUAL OPPORTUNITY DIVISION

### INCREASING EMPLOYMENT OPPORTUNITIES

#### *Major Program Initiatives*

Center on Budget and Policy Priorities,  
Washington, D.C.

\$250,000

To continue support for its policy analysis of government budgets and policy innovations

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Corporation for Supportive Housing,  
New York, New York

\$1,581,000

To launch its three-year employment initiative in Chicago, New York City and San Francisco to increase employment opportunities for residents of supportive housing

\*\*\*

Manpower Demonstration Research Corporation, New York, New York

\$500,000

To develop state-based demonstrations that test promising job-access and job-creation strategies

\*\*\*

New Hope Project, Milwaukee, Wisconsin

\$500,000

To continue support for its test of whether a work-based system that includes community service jobs enables people to move out of poverty and into private-sector employment

\*\*\*

NYC Neighborhood Entrepreneurs Employment Project

(1995 appropriation of \$590,000, in addition to earlier funding, for allocation by the officers to fund the second year of a joint initiative by the New York City Department of Housing Preservation and Development and the New York City Partnership for placing residents of distressed areas in private-sector jobs)

Barnard College, New York, New York

\$90,000

For an assessment of the operational feasibility of the first year of a pilot program of the New York City Housing Partnership's Neighborhood Entrepreneur Project to make a portion of new private-sector jobs in property-management, construction and rehabilitation available to tenants living in 1,000 units of city-owned housing that are designated for sale to private community entrepreneurs

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**The Future of Work**  
*(1994 appropriation of \$1,000,000 for allocation by the officers to initiate a joint program with the Russell Sage Foundation in support of research on macro-economic trends and the increasingly acute problems of low-skilled workers in advanced economies)*

Economic Policy Institute, Washington, D.C.

\$52,797

Toward the costs of its project "Technological Change and the Wage and Employment Structure."

Foundation-administered project

\$26,000

In support of activities related to The Future of Work Initiative, including a Bellagio conference, "The Future of Work in the New Global Economy"

Harvard University,  
Cambridge, Massachusetts

\$25,000

Toward the costs of its project "Labor Demand for Low-Skilled Non-College-Bound Young Adults"

Harvard University,  
Cambridge, Massachusetts

\$112,688

Toward the costs of its project "Cognitive and Social Skills Sources, Consequences, Trends and Policies"

Teachers College, Columbia University,  
New York, New York

\$82,939

Toward the costs of its project "Work and Opportunity in the Post-Industrial Labor Market"

#### *Other Grants*

Brookings Institution, Washington, D.C.

\$91,700

To create the National Community Development Policy Analysis Network, which will inform—through research and communication—policy responses to the geographic concentration of social and economic disadvantage

Business for Social Responsibility Education Fund, San Francisco, California

\$142,600

To establish a Business Advisory Committee on urban unemployment, conduct a job creation survey, and create a database of "best practices" in job creation for the urban poor

Center for Community Change,  
Washington, D.C.

\$125,000

Toward the costs of its jobs initiative

Center for Strategic and International Studies, Washington, D.C.

\$150,000

To explore ways to refocus military personnel to domestic social problems related to inner-city youth development

Center on Budget and Policy Priorities,  
Washington, D.C.

\$200,000

For its State Fiscal Project's work on the proposed balanced budget amendment and related proposals to shift fiscal responsibility from the federal government to state and local governments

City Parks Foundation, New York, New York

\$70,000, in addition to earlier funding

For a Parks Career Training Program that will guide welfare recipients toward becoming productive members of the workforce while helping to maintain city park land.

Corporation for Supportive Housing,  
New York, New York

\$80,143

Toward the costs of phase three of an exploration of the feasibility of establishing employment programs for residents and people eligible to live in supportive housing

Georgia State University, Atlanta, Georgia

\$136,909

To study employer hiring behavior in metropolitan areas and assess its impact on minority job applicants

Georgia State University, Atlanta, Georgia

\$3,154

To study employer hiring behavior in metropolitan areas and assess its impact on minority job applicants

Indianapolis Private Industry Council,  
Indianapolis, Indiana

\$150,000

In support of the design of a self-sufficiency initiative utilizing competition and performance-based contracting for Marion County, Indiana.

Midwest Center for Labor Research,  
Chicago, Illinois

\$150,000

In support of the Center's core activities

Midwest Center for Labor Research,  
Chicago, Illinois

\$75,000

In support of the Center's core activities

National Council of La Raza,  
Washington, D.C.

\$125,000

To provide support for the first year of the Employment Project, designed to investigate employment paths for Latinos, identify secondary labor market niches for Hispanic community-based organizations, and explore and promote strategies to improve the competitiveness of Hispanic workers in the global labor market

National Urban League, New York, New York

\$125,000

Toward the costs of formulating a policy, advocacy and action agenda to promote the economic self-sufficiency of the urban poor.

<b>Private Industry Council of Milwaukee County, Milwaukee, Wisconsin</b> \$50,000 <i>To design, test, refine and institute an expanded job placement service called the Milwaukee Jobs Connection for Milwaukee County recipients of Aid to Families with Dependent Children and other low-income job seekers</i>	<b>Other Grants</b>  <b>Chapin Hall Center for Children, Chicago, Illinois</b> \$46,272 <i>Toward publication of a volume on community-building initiatives</i>	<b>BASIC RIGHTS</b>  <b>Major Program Initiatives</b>  <b>Minority-Focused Policy Analysis Centers</b> (1994 appropriation of \$956,250 for allocation by the officers to provide transitional support for their policy analysis units)
<b>Research Foundation of State University of New York, Albany, New York</b> \$100,000 <i>For use by its Nelson A. Rockefeller Institute of Government to support research on "zones of emergence" neighborhoods which seem to have beaten the odds against decay</i>	<b>Development Fund, San Francisco, California</b> \$10,000 <i>To fund a working paper "Bringing Bank Capital into Community Economic Development a Promising California Demonstration," on the lessons of the California Economic Development Lending Initiative</i>	<b>Joint Center for Political and Economic Studies, Washington, D.C.</b> \$225,000 <i>To build its economic policy analysis unit</i>
<b>YouthBuild U.S.A., Somerville, Massachusetts</b> \$150,000 <i>To support quality assurance, evaluation and research in the YouthBuild U.S.A. Affiliated Network</i>	<b>Development Training Institute, Baltimore, Maryland</b> \$75,000 <i>To support a series of papers and seminars on alternative approaches to community building and the grant-making policy and research implications for funders supporting them</i>	<b>National Council of La Raza, Washington, D.C.</b> \$281,250 <i>To provide transitional core support for its policy analysis unit</i>
<b>BUILDING COMMUNITY</b>	<b>Foundation-administered project</b> \$70,000 <i>Toward the costs of preparing a report and a series of journalism articles on community-building, describing its practices, principles, theories and examples of initiatives</i>	<b>National Council of La Raza, Washington, D.C.</b> \$100,000 <i>To provide transitional support for its policy analysis unit</i>
<b>Major Program Initiatives</b>	<b>Greater Kansas City Community Foundation, Kansas City, Missouri</b> \$25,000 <i>In support of the Coalition of Community Foundations for Youth's retrospective and prospective assessment of community foundation involvement in enterprise communities and empowerment zones</i>	<b>National Council of La Raza, Washington, D.C.</b> \$125,000 <i>To provide support for the first year of the Employment Project, designed to investigate employment paths for Latinos, identify secondary labor market niches for Hispanic community-based organizations, and explore and promote strategies to improve the competitiveness of Hispanic workers in the global labor market</i>
<b>Community Development Initiatives</b> (1993 appropriation of \$1,200,000 for allocation by the officers for continued core operating support for two National Community Development Initiative intermediaries)	<b>Greater Kansas City Community Foundation, Kansas City, Missouri</b> \$40,000 <i>Toward the costs of a performance assessment of the activities of the Coalition of Community Foundations for Youth to assess its role and contribution to date</i>	<b>National Asian Pacific American Legal Consortium, Washington, D.C.</b> \$200,000 <i>To support its litigation, advocacy and technical assistance activities</i>
<b>Enterprise Foundation, Columbia, Maryland</b> \$150,000 <i>To continue support for the efforts of community development corporations in helping inner-city communities achieve sustainable social and economic self-sufficiency through development of local leadership and investment in tangible capital assets</i>	<b>Urban Institute, Washington, D.C.</b> \$50,000 <i>To support a one-year planning phase for the National Neighborhood Indicators Project, a multi-year initiative to develop a comprehensive and technically sound set of indicators of neighborhood conditions</i>	<b>Puerto Rican Legal Defense and Education Fund, New York, New York</b> \$800,000 <i>To provide stable support for the Fund's litigation activities in the field of civil rights, and to help the Fund establish financial planning and management practices and initiate fund-raising strategies that will attract new donors</i>
<b>Local Initiatives Support Corporation, New York, New York</b> \$250,000 <i>To continue support for the efforts of community development corporations in helping inner-city communities achieve sustainable social and economic self-sufficiency through development of local leadership and investment in tangible capital assets</i>	<b>Urban Strategies Council, Oakland, California</b> \$25,000 <i>To provide a matching grant for the National Community Building Network's efforts to ensure universal access to the resources of the Information Age</i>	<b>Redistricting Challenges under the Voting Rights Act</b> (1994 appropriation of \$300,000 for allocation by the officers to support civil rights organizations responding to voting rights challenges)
<b>Urban Strategies Council, Oakland, California</b> \$400,000 <i>To help the National Community Building Support Center strengthen the capacity of urban communities to develop effective community-building strategies</i>	<b>Urban Strategies Council, Oakland, California</b> \$150,000 <i>To continue support for the planning phase of the emerging National Community Building Support Center</i>	<b>NAACP Legal Defense and Educational Fund, New York, New York</b> \$60,000 <i>Toward its efforts to respond to redistricting challenges to the Voting Rights Act</i>
<b>Urban Strategies Council, Oakland, California</b> \$300,000 <i>To provide support for a nationwide network of community-building initiatives dedicated to reducing poverty and creating economic opportunity</i>		

**Urban Institute, Washington, D.C.****\$150,000**

To produce fact sheets on discrimination audit studies, compile a resource book synthesizing research and updating data on affirmative action issues, conduct a qualitative phone survey with employers in southern California to tap current attitudes, and prepare a list of experts on affirmative action.

**Other Grants****Lawyers' Committee for Civil Rights of the San Francisco Bay Area, San Francisco, California****\$75,000**

To help implement public education programs on race and affirmative action and work with diverse groups to decrease social and ethnic polarization.

**Lawyers' Committee for Civil Rights Under Law, Washington, D.C.****\$100,000**

To assist the National Affirmative Action Consortium comprised of the Lawyers' Committee, the NAACP Legal Defense and Educational Fund, the Mexican-American Legal Defense and Educational Fund, the National Women's Law Center, and the Women's Legal Defense Fund in undertaking a coordinated research and public education campaign to address assaults on affirmative action.

**University of Minnesota, Minneapolis****\$10,000**

For use by its Center on Speech, Equality and Harm toward production and publication of a book entitled Reconciling Freedom of Speech and Equality, based on the proceedings of a Bellagio team residency.

**Youth Law Center, San Francisco, California****\$113,200**

To develop a comprehensive plan to protect the rights of minority youth in the juvenile justice system.

**OTHER****Major Program Initiatives****Children's Defense Fund, Washington, D.C.****\$500,000**

To continue core support for its efforts to improve public policies affecting children.

**Children's Defense Fund, Washington, D.C.****\$500,000, in addition to earlier funding**

To continue the implementation of its Black Community Crusade for Children.

**Democracy Roundtables (formerly The Common Enterprise)**

(1995 appropriation of \$1,000,000, in addition to earlier funding, for allocation by the officers to support consensus-based, community problem-solving through diverse local partnerships that address conditions of conflict)

**Access Tucson, Tucson, Arizona****\$75,190**

Toward the costs of The Common Enterprise-Tucson project to facilitate an interim planning process to establish a neutral convenor and facilitating entity in order to promote inclusive community dialogue and problem-solving.

**Foundation-administered project****\$80,200**

Toward the costs of designing and supporting Foundation initiatives to promote democratic renewal and increase the sense of common purpose within the United States.

**Foundation-administered project****\$10,000**

Toward the costs of designing and supporting Foundation initiatives to promote democratic renewal and increase the sense of common purpose in the United States.

**Portland State University, Portland, Oregon****\$108,570**

Toward the costs of The Common Enterprise-Three Valleys Project to bridge cultural gaps among various communities in the Three Valleys area of Oregon.

**Trinity University, San Antonio, Texas****\$175,000**

Toward the costs of The Common Enterprise-San Antonio project to assist several San Antonio area high schools and communities in addressing youth and public high school education issues.

**University of California, San Diego, California****\$129,910**

Toward the costs of The Common Enterprise-San Diego/Tijuana project to assist the San Diego/Tijuana border community in addressing local issues.

**Visions of a Better World Foundation, Oak Brook, Illinois****\$50,000**

Toward the costs of a project to revitalize citizenship and create linkages between citizens and their government.

**EQUAL OPPORTUNITY****DIVISION/SCHOOL REFORM PROGRAM****FOSTER CHILD-CENTERED SCHOOL REFORM****Major Program Initiatives****Spreading the Comer School Development Program and Philosophy**

(1995 appropriation of \$3,000,000, in addition to earlier funding, for allocation by the officers to expand the number of urban and disadvantaged public schools and districts utilizing the school improvement approach developed by James Comer and to expose higher education institutions and education policy-makers to his philosophy)

**Board of Education of Prince Georges County, Upper Marlboro, Maryland****\$160,000**

In support of Prince Georges County Comer School Development Program Regional Training Center.

**Cleveland State University, Cleveland, Ohio****\$77,985**

For continued support of a telecommunications project to link five School Development Program schools in Cleveland with the Cleveland State University College of Education and the Internet.

**Cleveland State University, Cleveland, Ohio****\$112,416**

For continued support of its Comer Midwest Regional Professional Development Center.

**Community School District 13, Brooklyn, New York****\$150,000**

For continued support of systemic implementation of the Comer School Development Program.

**Foundation-administered project****\$90,000**

Toward costs of a campaign to bring the philosophy and work of James P. Comer to the attention of education policy-makers and opinion leaders throughout the country.

**New Haven Public Schools, New Haven, Connecticut****\$100,500**

To support systemic implementation of the Comer School Development Program.

(195)

New Orleans Public Schools, New Orleans, Louisiana <b>\$67,700</b> <i>Toward costs of an educational partnership with Southern University at New Orleans to implement the Comer School Development Program and to improve pre-service teacher preparation.</i>	<b>MODERNIZING EDUCATOR TRAINING AND DEVELOPMENT</b>  <b>Major Program Initiatives</b>  <b>Building an Infrastructure for Professional Development</b> <i>(1995 appropriation of \$2,100,000, in addition to earlier funding, for allocation by the officers to support the trial phase in the creation of comprehensive professional development systems in four urban communities)</i>	Foundation-administered project <b>\$22,548</b> <i>Toward costs associated with the "Building an Infrastructure for Professional Development" initiative.</i>
New Orleans Public Schools, New Orleans, Louisiana <b>\$11,026</b> <i>Toward the costs of an educational partnership with Southern University at New Orleans to implement the Comer School Development Program.</i>	  <b>Albuquerque Public Schools, Albuquerque, New Mexico</b> <b>\$125,010</b> <i>Toward its participation in phase three of the Foundation Initiative, "Building an Infrastructure for Professional Development."</i>	  <b>Other Grants</b>  <b>Community Funds, Inc., New York, New York</b> <b>\$50,000</b> <i>In support of the Donors Education Collaborative project.</i>
San Francisco State University, San Francisco, California <b>\$85,000</b> <i>For continued support for the establishment of a Bay Area School Development Program regional training center at San Francisco State University.</i>	  <b>City of Flint School District, Flint, Michigan</b> <b>\$271,500</b> <i>Toward its participation in phase three of the Foundation Initiative, "Building an Infrastructure for Professional Development."</i>	  <b>Editorial Projects in Education, Washington, D.C.</b> <b>\$25,000</b> <i>In support of a feasibility study of the best possible use of multimedia technologies in furthering the work of "Education Week" as an education advocate and as an information resource.</i>
Southern University at New Orleans, New Orleans, Louisiana <b>\$66,150</b> <i>To continue the implementation of the Comer School Development Program in partnership with New Orleans public schools and to improve the pre-service teacher preparation at the University.</i>	  <b>Foundation-administered project</b> <b>\$30,000</b> <i>Toward costs related to the planning, development and operation of the Foundation initiative "Building an Infrastructure for Professional Development."</i>	  <b>Fielding Institute, Santa Barbara, California</b> <b>\$15,000</b> <i>In support of a roundtable discussion entitled "Managing Change in the Public Sector."</i>
Southern University at New Orleans, New Orleans, Louisiana <b>\$50,816</b> <i>For continued support of its partnership with the New Orleans public schools; and to continue implementation of the Comer School Development Program and improve teacher education.</i>	  <b>Learning Communities Network, Cleveland, Ohio</b> <b>\$515,000</b> <i>Toward general support.</i>	  <b>Knowledge Network for All America's Children, Arlington, Virginia</b> <b>\$10,000</b> <i>For interviews with national school improvement leaders for completion of a citizen's handbook on school reform.</i>
Yale University, New Haven, Connecticut <b>\$1,818,305</b> <i>For use by the Yale Child Study Center for continued support for spreading the Comer School Development Program and philosophy.</i>	  <b>Michigan State University, East Lansing, Michigan</b> <b>\$100,000</b> <i>For use by the Holmes Group toward its restructuring activities.</i>	  <b>Michigan State University, East Lansing, Michigan</b> <b>\$40,000</b> <i>To enable its Collaborative Leadership Center to conduct a feasibility study that will examine the market for the Center's services and determine how the Center can best fulfill the demand for its services, and develop a three-year business plan for the organization.</i>
<b>Other Grants</b>	  <b>National Governors Association Center for Policy Research, Washington, D.C.</b> <b>\$125,000</b> <i>Toward general support for 1995.</i>	  <b>Public Agenda Foundation, New York, New York</b> <b>\$30,000</b> <i>Toward costs of a national survey of teachers' attitudes regarding education reform.</i>
Brown University, Providence, Rhode Island <b>\$150,000</b> <i>For use by the ATLAS Communities Project toward the continued work of its Design and Development Working Party.</i>	  <b>San Antonio Independent School District, San Antonio, Texas</b> <b>\$300,000</b> <i>Toward its participation in phase three of the Foundation initiative, "Building an Infrastructure for Professional Development."</i>	  <b>Public Broadcasting Service, Alexandria, Virginia</b> <b>\$12,383, in addition to earlier funding</b> <i>For continued support of a study of the feasibility of establishing a technology-based professional development service for K-12 educators.</i>
Developmental Studies Center, Oakland, California <b>\$150,800</b> <i>In support of a program to strengthen reading and language-arts instruction in School Development Program schools.</i>	  <b>San Diego City Schools, San Diego, California</b> <b>\$400,000</b> <i>Toward its participation in phase three of the Foundation initiative, "Building an Infrastructure for Professional Development."</i>	  <b>OTHER SUPPORT</b>  <b>Major Program Initiatives</b>
	  <b>Modernizing Educator Training and Development</b> <i>(1991 appropriation of \$150,000 for allocation by the officers to provide improved approaches to educator professional development aimed at enhancing the academic, instructional and leadership skills of educators in elementary and middle schools serving at-risk children)</i>	  <b>Collaboratives for Humanities and Arts Teaching (CHART)</b> <i>(1993 appropriation of \$1,300,000, in addition to earlier funding, for allocation by the officers to provide the tenth and final year of support for the national CHART network of teacher-centered projects that promote arts and humanities education in public schools and to disseminate the lessons learned about promising approaches to curriculum and instruction)</i>

**Foundation-administered project**

\$12,000

*Toward production costs associated with a one-hour videotape highlighting CHART teachers and processes.*

**Foundation-administered project**

\$4,000

*Toward postproduction costs associated with a one-hour videotape highlighting CHART teachers and processes.*

**Los Angeles Educational Partnership,  
Los Angeles, California**

\$4,000

*Toward a series of retreats for the Humanitas teachers' faculty.*

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**Texas Interfaith Education Fund,**

**Austin, Texas**

\$300,000, *in addition to earlier funding*

*To provide phase-out support for its efforts to strengthen the capacity of parents and community organizations to act as catalysts for local school reform.*

**Other Grants**

**Waterford Institute, Inc., Sandy, Utah**

\$150,000

*Toward the development of a literacy software program for preschool students.*

## INTERNATIONAL SECURITY

**Arms Control Association, Washington, D.C.**  
\$50,000  
*For continued support for the distribution of its publication "Arms Control Today" to scholars in the developing world*

**Carter Center, Atlanta, Georgia**  
\$150,000  
*In support of its International Negotiation Network meetings, April 3-5, 1995, and two follow-up meetings specifically focused on North Korea.*

**Center for Strategic and International Studies, Washington, D.C.**  
\$25,000  
*For a project of its Pacific Forum to survey the attitudes of the military with regard to Korean Peninsula issues.*

**Center for Strategic and International Studies, Washington, D.C.**  
\$25,000  
*For a research survey on "Nuclear Weapons in a Transformed World."*

**Chemical and Biological Arms Control Institute, Alexandria, Virginia**  
\$25,000  
*Toward the costs of a project that would organize a joint Indo-U.S. effort to develop effective policy responses to the challenge of biological weapons*

**China Defense Science and Technology Information Center, Beijing, China**  
\$20,000  
*Toward the costs of creating a handbook in Chinese on arms control and disarmament, to be edited and published by the Center's Arms Control and Disarmament Program*

**Columbia University, New York, New York**  
\$50,000  
*In support of a project, to be carried out by the School of International and Public Affairs' Gulf/2000 Initiative, intended to open and sustain lines of communication with Iran*

**DePaul University, Chicago, Illinois**  
\$20,000  
*In support of a series of meetings, to be conducted by the University's International Human Rights Law Institute under the direction of M. Cherif Bassiouni, that will bring together the Israeli, Egyptian and Jordanian NGO sectors to talk seriously about arms control in the Middle East.*

**Federation of American Scientists Fund, Washington, D.C.**  
\$68,640  
*In support of the Fund's Working Group on Biological and Toxic Weapons, to be directed by Barbara Hatch Rosenberg.*

**Foundation-administered project**  
\$20,000  
*For additional support of Foundation-initiated activities promoting nuclear nonproliferation in, and the creation of an incentive package for North Korea*

**Foundation-administered project**  
\$55,000, in addition to earlier funding.  
*Promoting nuclear nonproliferation in, and the creation of an incentive package for, North Korea*

**Foundation-administered project**  
\$100,000  
*Toward the costs of several Foundation-initiated activities that will explore a new strategy for the abolition of weapons of mass destruction in the Indian subcontinent*

**Foundation-administered project**  
\$10,000  
*For an exploration of the current situation in Pakistan concerning energy and current attitudes toward nuclear nonproliferation and cooperation with India*

**Foundation-administered project**  
\$55,000  
*For additional support of Foundation-initiated activities surrounding the International Security program's work in security and nuclear non-proliferation in South Asia.*

**Foundation-administered project**  
\$25,000  
*For additional support of Foundation-initiated activities promoting nuclear nonproliferation in, and the creation of an incentive package for, North Korea*

**Harvard University, Cambridge, Massachusetts**  
\$19,260  
*Toward the costs of the Africa Project on Chemical Weapons*

**Human Rights Watch, New York, New York**  
\$500,000, in addition to earlier funding  
*To create new norms and attitudes toward transfer and use of arms.*

**International Physicians for the Prevention of Nuclear War, Cambridge, Massachusetts**  
\$18,100  
*In support of the participation of North Korean and Chinese physicians in IPPNW's Hiroshima Conference, held July 7-9, 1995*

**National Institute of Advanced Studies, Bangalore, India**  
\$100,000  
*In support of its research project entitled "Issues on Technology Transfer and Nuclear Co-operation, including Global Perspectives"*

**Nautilus of America, Berkeley, California**  
\$200,000, in addition to earlier funding  
*To engage a range of experts in developing exploratory ideas and responses that support nuclear nonproliferation in the Northeast Asian region*

**Nautilus of America, Berkeley, California**  
\$10,000  
*Toward the costs of its initiative to provide U.S. government-approved software, hardware and training to North Korea, to establish an Internet connection*

**NGO Committee on Disarmament, Inc., New York, New York**  
\$10,000  
*Toward the publication of four special issues of "Disarmament Times" and other related information-sharing activities during the course of the 1995 Non-Proliferation Treaty Conference*

**Regional Centre for Strategic Studies, Colombo, Sri Lanka**  
\$15,000  
*In support of the Center's publication "Regional Press Digest on Nuclear Issues in South Asia."*

**Seton Hall University, South Orange, New Jersey**  
\$10,000  
*Toward the costs of a visit to the United States by officials from the North Korean Institute of Disarmament and Peace, to be hosted by the University's Institute on Korean Affairs.*

**Seton Hall University, South Orange, New Jersey**  
\$100,000  
*In support of its Asia Center's "Seton Hall Project on Korea"*

**Seton Hall University, South Orange, New Jersey**  
\$22,000  
*In support of a research trip to North Korea, to be undertaken by the University's project on Korean affairs, which will further explore the possibilities of producing a documentary on that country and its people*

**Stockholm International Peace Research Institute, Stockholm, Sweden**  
\$2,000  
*Toward the costs of British participation in a conference entitled "The Persian Gulf and the Changing Structure of the International System," held December 17-18, 1995, in Tehran, Iran*

**Underdog Films Cooperative, Amsterdam, Netherlands**  
\$10,000  
*Toward the costs of the completion of a documentary titled "Courting the Bomb"*

**Union of Concerned Scientists, Cambridge, Massachusetts**  
\$25,000  
*Toward the costs of a one-year residency fellowship for the Indian physicist, Tushar Ravuri*

**University of California, San Diego, California**  
\$25,000  
*Toward the costs of South Asian participation in a project by the University's Institute on Global Conflict and Cooperation on comparative regional approaches to nuclear nonproliferation*

**University of Illinois, Urbana, Illinois**  
\$25,000  
*For a six-month residency for Arun Singh with the University's Program in Arms Control, Disarmament and International Security.*

**Wilton Park, Steyning, England**  
\$5,000  
*In support of Indian and Pakistani participation in a Wilton Park conference on crisis management and confidence-building in South Asia.*

**Wisconsin Project on Nuclear Arms Control, Washington, D.C.**  
\$100,000  
*Toward the costs of its project entitled "Stopping Weapons of Mass Destruction at the Source."*

#### **INTERNATIONAL PHILANTHROPY**

##### **Major Program Initiative**

**Building Foundation-Like Organizations**  
(1995 appropriation of \$330,000, in addition to earlier funding for allocation by the officers to support the continued development of foundation-like organizations by building individual institutions)

**India Foundation for the Arts, Bangalore, India**  
\$100,000  
*In support of its program and operating expenses.*

**National Foundation for India, New Delhi, India**  
\$225,000  
*Toward its endowment, and additional costs related to programs, fundraising, and operating expenses.*

##### **Other Grants**

**Puerto Rico Community Foundation, Hato Rey, Puerto Rico**  
\$17,150  
*For the costs of a planning meeting for the October 1995 Bellagio conference on "Human Development and Philanthropy."*

**Puerto Rico Community Foundation, Hato Rey, Puerto Rico**  
\$69,540  
*For the costs of an October 1995 Bellagio conference entitled "Human Development and Philanthropy."*

**Research and Development Forum for Science-Led Development in Africa (RANDFORUM), Nairobi, Kenya**  
\$75,000  
*Toward the costs of establishing the African Foundation for Research and Development.*

#### **SPECIAL INTERESTS**

##### **Major Program Initiative**

**Citizens Committee for New York City, Inc., New York, New York**  
\$1,110,000  
*To enable it to conduct a competitive awards program for local community groups concerned with enhancing intergroup relations in New York City.*

##### **Other Grants**

**Asian Americans/Pacific Islanders in Philanthropy, New York, New York**  
\$50,000  
*For general operating expenses.*

**Association of Black Foundation Executives, Indianapolis, Indiana**  
\$50,000  
*For general support.*

**AVANCE Family Support and Education Program, San Antonio, Texas**  
\$200,000  
*To help match a five-year challenge grant made by the Conrad N. Hilton Foundation (1993-1998) to enable AVANCE to implement a five-year strategic growth plan.*

**Brookings Institution, Washington, D.C.**  
\$150,000  
*To facilitate a national dialogue on the impacts of the balanced budget amendment.*

**Council on Foreign Relations, New York, New York**  
\$30,000, in addition to earlier funding.  
*Toward the costs of its program on sovereignty and governance.*

**Council on Foundations, Washington, D.C.**  
\$45,000  
*Toward general operating expenses during 1995.*

**Foreign Policy Association, New York, New York**  
\$75,000  
*For studying and strengthening its public education offerings.*

**Foundation Center, New York, New York**  
\$250,000  
*To continue support for the Center's efforts to provide information to the public about U.S. philanthropic foundations.*

**Foundation for the Study of Independent Social Ideas, New York, New York**  
\$45,000  
*For a special issue of Dissent magazine on the rights of minorities.*

**Foundation in Support of the United Nations, New York, New York**  
\$25,000  
*For use by its Committee for the '95 World Conference on Women for communications activities.*

**Future Generations, Franklin, West Virginia**  
\$94,270  
*In support of the Pendeba Project at the Qomolangma Nature Preserve, Tibet.*

**Girls, Inc., New York, New York**  
\$200,000  
*In support of Girls, Inc., Action for Safety program.*

**Hispanics in Philanthropy, Berkeley, California**  
\$25,000  
*For 1995 general operating expenses.*

**Independent Sector, Washington, D.C.**  
\$7,400  
*Toward general operating expenses during 1995.*

**International Centre for Diarrhoeal Disease Research, Dhaka, Bangladesh**  
\$150,000  
*For general support.*

**International Criminal Tribunal for the Former Yugoslavia, The Hague, Netherlands**  
\$100,000  
*For the purchase of computer equipment for the International Criminal Tribunal for the former Yugoslavia and for Rwanda.*

**National Academy of Sciences, Washington, D.C.**  
\$100,000  
*In support of the National Research Council's Board on Children and Families study of the physical and mental health of immigrant children and families.*

**New York Regional Association of Grantmakers, New York, New York**  
\$10,000  
*Toward general support for 1995.*

**New York University, New York, New York**  
\$30,000  
*Toward the costs of completing the microfilming of the "Margaret Sanger Papers."*

**Program Operations**  
\$150,000, in addition to earlier funding  
*Rockefeller Foundation Matching Gift Program.*

**Stanford University, Stanford, California**  
\$75,000  
*Toward the costs of a student research internship program with the University's Martin Luther King, Jr. Papers Project.*

**State University of New York, Albany, New York**  
\$26,529  
*To enable the Rockefeller Institute of Government to publish the report of the New York State Temporary Commission on Constitutional Revision.*

(1991)

**Tulane University, New Orleans, Louisiana**  
\$23,980  
*To support a national conference to consider how  
the General Social Survey can better address  
emerging issues of multiculturalism.*

**Washington Center for China Studies,  
Washington, D.C.**  
\$125,000  
*For the creation of a China-based independent  
academic research center.*

**White House Fellows Foundation,  
Woodbridge, Virginia**  
\$75,000  
*Toward funding a five-year recruitment and  
outreach program.*

#### **ROCKEFELLER ARCHIVE CENTER**

**Rockefeller University, New York, New York**  
\$529,683 to cover operating costs associated with  
*the preservation and continuing use for future  
generations of Foundation records deposited at  
the Rockefeller Archive Center.*

**Rockefeller University, New York, New York**  
\$232,376 toward the costs of the Rockefeller  
*Archive Center's storage, preservation and access  
program, 1995–1999.*

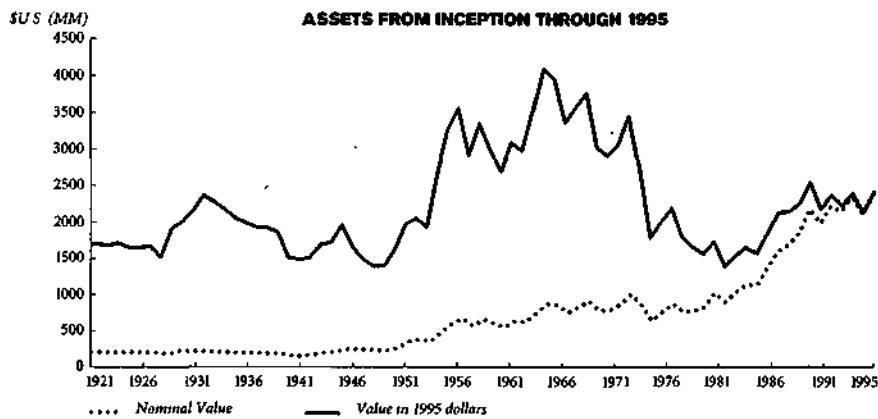
## 1995 FINANCIAL REPORT

The Rockefeller Foundation was created in 1913 by John D. Rockefeller and funded in several installments totaling \$242 million over the next 16 years. The original endowment essentially has been the Foundation's sole source of funds for both its grant-making program and its operating expenses. The value of that endowment today is \$2.4 billion. The Foundation's investment program focuses on total returns; thus both cash yields on securities and their appreciation in value contribute to covering long-term spending requirements.

In order to preserve its legal status as a private foundation, the Rockefeller Foundation must spend each year at least 5 percent of the market value of its investment portfolio on grant programs and supporting activities. The endowment must have sufficient growth to support spending and offset the effect of inflation, so that future programs can provide benefits equivalent to those achieved today in real, after-inflation dollars. The overall goal of the Foundation's investment program, then, is to maintain the purchasing power of the endowment after both spending and inflation.

Over the Foundation's history the real after-inflation value of its endowment has undergone periods of growth and periods of erosion depending on the relative impact of investment earnings, spending and inflation. The following graph shows that over the full history of the Foundation, the goal of maintaining purchasing power has been achieved.

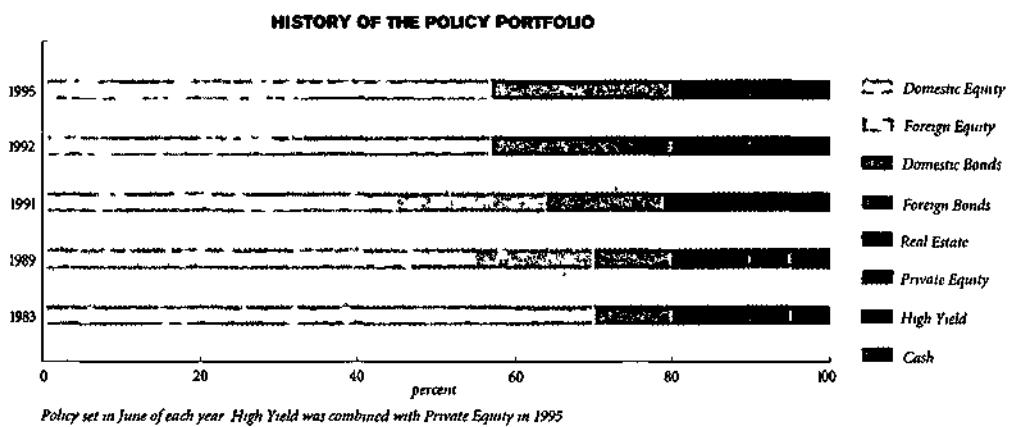
[101]



The Foundation's Board of Trustees is responsible for approving investment and spending policy and for establishing guidelines that can be expected to achieve the long-term goal of maintaining purchasing power. The current guidelines call for annual spending of 5.8 percent of the market value of the endowment, subject to minimum and maximum constraints that smooth fluctuations in the

annual budget. Since asset allocation has proven over time to be a primary determinant of investment performance, the Finance Committee of the Board periodically reviews the portfolio's percentage commitment to each category of investment. Long-term asset allocation targets are, along with spending guidelines, established with the intent of maintaining purchasing power. The Foundation does not make frequent tactical shifts in asset allocation; it adjusts asset allocation targets, i.e. the policy portfolio, only when there is a persistent strategic shift in market valuations.

The following chart illustrates the changes in the Foundation's allocations to various asset classes over time.



(102) Day-to-day investment of the Foundation's portfolio is handled by a number of outside firms with exceptional personnel and track records. Each firm specializes in a particular asset class, and some focus on specialized market niches within asset classes. An experienced internal staff develops overall investment strategy and oversees the activities of outside managers to ensure adherence to strategy and guidelines, and to monitor portfolio risks.

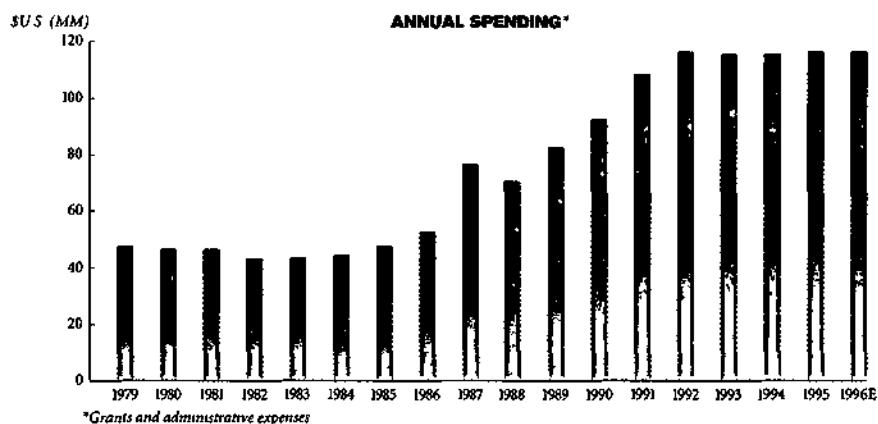
Marketable equity and fixed income securities—stocks and bonds traded and priced daily in public markets throughout the world—are invested both in index funds, which track the performance of a market sector, and in actively managed portfolios, whose managers are expected to add value or enhance performance by making informed judgments, based on fundamental analysis, about which securities to hold. The Foundation also makes investments in private markets such as venture capital and real estate. These areas offer the investor with a long time horizon, who is less concerned about liquidity, the opportunity to take advantage of markets that are less efficient, in which information is not as widely shared, and where the opportunities are greater for managers to add value in selecting, structuring and managing investments.

The need to monitor portfolio risk has become increasingly important in recent years. The global markets' sophisticated technology and communications, and the rapid emergence of new securities, derivative securities and investment strategies, has made the process of managing risk even more complex.

Understanding and controlling portfolio risk involves every participant in the investment process (internal staff, outside managers, auditors and bank custodians), and the Foundation strives to be a leader in applying the analysis and tools now becoming available for this task.

The Foundation uses innovative financial market techniques, including derivative securities, to adjust portfolio allocations and to manage risk levels. Since these securities require extensive knowledge and oversight, they are used only when the attendant risks can be understood and managed. The Foundation is also concerned about the significant impact of investment expense on overall results and thus is committed to using outside resources efficiently.

The market value of the Foundation's endowment at the beginning of 1995 was \$2,108 million. Grants and administrative expenses during the year totaled \$129.4 million. The following chart illustrates the growth in spending over an 18-year period.



In 1995 the U.S. stock and bond markets had dramatically positive returns, and the Foundation benefited substantially. International securities markets, which account for about 25 percent of the Foundation's investments, underperformed U.S. markets in 1995 but are expected to add value to the portfolio long term, as they have in the past. The total portfolio return for the year was 23.2 percent after fees, and the ending market value of the portfolio was \$2.4 billion. Performance for each asset class is measured against a benchmark or market index return. The Foundation's domestic equity portfolio, which benefited from exposure to large capitalization securities and technology stocks, returned 41.4 percent compared to 37.5 percent for the S&P 500. Bonds returned 20.9 percent compared to 18.6 percent for the broad Salomon index, and international equities returned 12.1 percent compared to 11.5 percent for a hedged EAFE benchmark.

During the year the Foundation staff has focused on reviewing asset allocation, assessing manager performance and competence, controlling portfolio risks and costs, and streamlining and automating financial reporting. In 1996 these efforts will continue, along with updating investment strategies for specific asset classes.

## REPORT OF INDEPENDENT AUDITORS

The Board of Trustees  
The Rockefeller Foundation

**W**e have audited the accompanying statements of financial position of The Rockefeller Foundation as of December 31, 1995 and 1994, and the related statements of activities and cash flows for the years then ended. These financial statements are the responsibility of The Rockefeller Foundation's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with generally accepted auditing standards. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of The Rockefeller Foundation at December 31, 1995 and 1994, and the results of its operations and its cash flows for the years then ended in conformity with generally accepted accounting principles.

As discussed in Note 5 to the accompanying financial statements, in 1995 The Rockefeller Foundation changed its method of accounting for post-retirement benefits other than pensions.

*Ernst & Young LLP*

New York, New York

February 21, 1996

## STATEMENTS OF FINANCIAL POSITION

	DECEMBER 31	
	1995	1994
<i>(In Thousands)</i>		
<b>ASSETS</b>		
Cash	\$ 2,790	\$ 3,974
Dividends, interest and other receivables	5,421	5,602
Investments (Notes 1 and 2)	2,431,466	2,108,164
Loans receivable (Note 7)	50,000	50,000
Property, net of accumulated depreciation and amortization (Note 3)	29,020	29,722
Prepaid pension cost and other assets (Note 4)	21,474	18,697
<b>Total assets</b>	<b>\$ 2,540,171</b>	<b>\$ 2,216,159</b>
<b>LIABILITIES AND NET ASSETS</b>		
Liabilities:		
Accounts payable and accrued liabilities	\$ 20,595	\$ 12,769
Note payable to bank (Note 7)	50,000	50,000
Appropriations by the Trustees, approved for specific grantees/purposes but not yet paid (Note 8)	58,196	64,056
Bonds payable, net of unamortized discount (1995: \$339; 1994: \$351) (Note 6)	28,921	29,414
Deferred Federal excise tax (Note 9)	3,362	653
Accrued post-retirement benefits (Note 5)	17,126	—
<b>Total liabilities</b>	<b>178,200</b>	<b>156,892</b>
Commitments (Notes 1 and 2)		
Unrestricted and total net assets (including Board-designated amounts of \$189,757 in 1995 and \$191,402 in 1994) (Note 8)	2,361,971	2,059,267
<b>Total liabilities and net assets</b>	<b>\$ 2,540,171</b>	<b>\$ 2,216,159</b>

*See accompanying notes*

## STATEMENTS OF ACTIVITIES

	YEAR ENDED DECEMBER 31	
	1995	1994
<i>(In Thousands)</i>		
<b>CHANGES IN NET ASSETS</b>		
Investment return:		
Net realized and unrealized gain (loss) on investments	\$ 365,842	\$ (108,261)
Dividend and interest income	96,633	48,605
Other investment income	489	949
	462,964	(58,707)
Investment expenses (including performance-based fees of \$4,742 in 1995 and \$449 in 1994)	(16,629)	(16,012)
Net investment return	446,335	(74,719)
Other expenses:		
Approved grants and program costs	112,674	102,736
General administrative expenses	8,942	7,029
Provision for Federal excise tax (Note 9):		
Current	3,143	330
Deferred	2,709	(1,834)
	127,468	108,261
Increase (decrease) in unrestricted net assets before cumulative effect of change in accounting principle	318,867	(182,980)
Cumulative effect of change in accounting principle (Note 5)	16,163	—
Increase (decrease) in unrestricted net assets	302,704	(182,980)
Unrestricted net assets, beginning of year	2,059,267	2,242,247
Unrestricted net assets, end of year	\$ 2,361,971	\$ 2,059,267

*See accompanying notes*

## STATEMENTS OF CASH FLOWS

	YEAR ENDED DECEMBER 31	
	1995	1994
	<i>(In Thousands)</i>	
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>		
Increase (decrease) in net assets	\$ 302,704	\$ (182,980)
Adjustments to reconcile increase (decrease) in net assets to net cash used in operating activities:		
Depreciation and amortization	1,090	1,092
Cumulative effect of change in accounting principle	16,163	—
Net unrealized (gain) loss on investments	(139,185)	96,080
Net realized (gain) loss on investments	(226,657)	12,181
Changes in operating assets and liabilities:		
Dividends, interest and other receivables	181	(2,493)
Prepaid pension cost and other assets	(2,777)	(4,050)
Accounts payable and accrued liabilities	7,826	3,671
Appropriations by the Trustees, approved for specific grantees/purposes but not yet paid	(5,860)	(4,215)
Deferred Federal excise tax	2,709	(1,834)
Accrued post-retirement benefits	963	—
	(345,547)	100,432
Net cash used in operating activities	(42,843)	(82,548)
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>		
Net change in investments	42,540	97,902
Property additions and capitalized construction costs	(376)	(11,703)
Funds advanced on loans receivable	—	(50,000)
Net cash provided by investing activities	42,164	36,199
<b>CASH FLOWS FROM FINANCING ACTIVITIES</b>		
Proceeds from issuance of note payable to banks	—	50,000
Repayments of notes payable to bank	—	(11,000)
Repayments of bonds payable	(505)	(495)
Net cash (used in) provided by financing activities	(505)	38,505
Net decrease in cash, excluding cash held in investment portfolio	(1,184)	(7,844)
Cash, beginning of year	3,974	11,818
Cash, end of year	\$ 2,790	\$ 3,974

*See accompanying notes.*

## NOTES TO FINANCIAL STATEMENTS

### **1. INVESTMENTS**

The Foundation's significant investments are carried at fair value or contractual values which approximate fair value. Fair value is the amount at which a financial instrument could be exchanged in a current transaction between willing parties, other than in a forced sale or liquidation. The fair values of financial instruments are estimates based upon market conditions and perceived risks as of the statement of financial position date and require varying degrees of management judgment. Quoted market prices, when available, are used as the measure of fair value. In cases where quoted market prices are not available, fair values are based on appraisals, quotations of similarly traded instruments, pricing models or other estimates.

Investing activities are reported on a trade date basis. Realized gains and losses are calculated based on the specific identification method for both financial statement and tax return purposes.

The Foundation's investment portfolio consists of the following:

	DECEMBER 31			
	1995		1994	
	COST	FAIR VALUE	COST	FAIR VALUE
<i>(In Thousands)</i>				
<b>Marketable securities:</b>				
Money market funds	\$ 138,858	\$ 138,801	\$ 377,596	\$ 377,563
Foreign currency— short-term	—	13,104	—	2,936
U.S. and other government obligations	379,493	398,166	280,807	277,810
Corporate obligations	193,025	197,745	228,597	225,526
Common stock	1,082,010	1,293,218	712,680	827,422
Other investments	25,044	22,752	22,345	11,673
<b>Subtotal</b>	<b>1,818,430</b>	<b>2,063,786</b>	<b>1,622,025</b>	<b>1,722,930</b>
<b>Limited partnerships and similar interests:</b>				
Real estate	323,564	242,931	300,665	220,848
Private equity	131,134	132,769	114,991	119,795
Other	—	—	41,185	42,512
<b>Subtotal</b>	<b>454,698</b>	<b>375,700</b>	<b>456,841</b>	<b>383,155</b>
<b>Pending securities transactions, net</b>	<b>(8,005)</b>	<b>(8,020)</b>	<b>2,140</b>	<b>2,079</b>
<b>Total</b>	<b>\$2,265,123</b>	<b>\$2,431,466</b>	<b>\$2,081,006</b>	<b>\$2,108,164</b>

As of December 31, 1995, under the terms of various venture capital, real estate limited partnership and other agreements, the Foundation has commitments to contribute approximately \$134 million in additional capital over the next ten years.

**2. FINANCIAL INSTRUMENTS WITH OFF-BALANCE SHEET CREDIT OR MARKET RISK**

As a result of its investing strategies, the Foundation is a party to various off-balance sheet instruments which may include equity and fixed income futures and options contracts, foreign currency options and forward contracts, and interest rate swap contracts. Derivatives are used primarily to maintain asset mix or to hedge a portion of currency or interest rate exposure.

The Foundation invests in international securities and therefore is exposed to the effects of foreign exchange rate fluctuations predominantly in Japanese Yen, Swiss Francs, Australian Dollars, British Pounds, German Marks and French Francs. Foreign currency options and forward contracts are used to hedge a portion of this currency risk. The Foundation also employs derivatives to maintain a desired asset mix. For example, S&P 500 index futures contracts are used in combination with cash invested in money market instruments to replicate an investment in an S&P 500 stock portfolio. This combination yields the same return, while often providing for savings on transaction costs.

The Foundation's fixed income managers match the duration of their portfolio to a particular benchmark and use duration analysis to estimate the degree of the portfolio's sensitivity to interest rate changes. When the duration of a particular portfolio of securities is different from the benchmark, Eurodollar or treasury note futures or options may be used to adjust the portfolio's duration.

Total margin requirements on deposit for futures contracts were \$9.9 million at December 31, 1995 (\$29.6 million at December 31, 1994).

The underlying contract amounts (notional values) of the Foundation's derivative financial instruments at December 31, 1995 and 1994 are summarized below; all are held for other than trading purposes.

## NOTES TO FINANCIAL STATEMENTS (CONTINUED)

	1995	1994
<i>(In Thousands)</i>		
<b>Equity contracts to manage desired asset mix (contracts primarily based on S&amp;P 500 Index):</b>		
<b>Futures contracts:</b>		
Assets	\$ 46,693	\$ 201,609
Liabilities	—	(8,996)
<b>Put and call options:</b>		
Assets	32,945	—
Liabilities	(24,805)	—
<b>Fixed income contracts to manage portfolio duration and interest rate risk:</b>		
<b>Futures contracts:</b>		
Assets	74,273	830,727
Liabilities	(58,113)	(257,878)
<b>Put and call options:</b>		
Assets	35,000	—
<b>Foreign currency contracts to hedge foreign exchange exposure in nondollar securities:</b>		
<b>Forward contracts:</b>		
Assets	87,898	162,575
Liabilities	(392,761)	(414,017)
<b>Put and call options:</b>		
Assets	183,052	859,462
Liabilities	—	(58,300)

Changes in the fair values of the Foundation's derivatives are recognized in the statement of activities using the mark-to-market method, with corresponding amounts recorded in respective investment categories.

Off-balance sheet financial instruments involve elements of market risk and credit risk. Market risk represents potential loss from the decrease in the value of off-balance sheet financial instruments. Credit risk represents potential loss from possible nonperformance by obligors and counterparties on the terms of their contracts. Management does not anticipate that losses, if any, resulting from credit or market risk would materially affect the Foundation's financial position.

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

Securities sold, not yet purchased, netted in the investment accounts, were \$129 million at December 31, 1994; there were none at December 31, 1995.

The Foundation's two custodians maintain securities lending programs on behalf of the Foundation, and maintain collateral at all times in excess of the value of the securities on loan. Investment of this collateral is in accordance with specified guidelines. Interest earned on these transactions is included with other income in the statement of activities.

**3. PROPERTY**

Expenditures for capital items currently in use are included in the property account and depreciated on a straight-line basis over the lives of the respective assets. At December 31, 1995 and 1994, the property account included the following:

	1995	1994
<i>(In Thousands)</i>		
Condominium interest in 420 Fifth Avenue	\$ 16,555	\$ 16,555
Condominium improvements	11,114	10,848
Furniture, fixtures and equipment	3,509	3,399
	31,178	30,802
Less accumulated depreciation and amortization	2,158	1,080
Property—net	\$ 29,020	\$ 29,722

**4. PENSION PLAN AND TRUSTEED SAVINGS PLAN**

The Foundation maintains a defined benefit pension plan (the "Plan") for regular salaried employees who are at least 21 years old and have completed one year of service or have attained the age of 40. The Plan provides retirement benefits based on years of service and final-average pay, with benefits after retirement subject to increase under a cost-of-living augmentation formula. The Foundation makes annual contributions to the Plan, based on actuarial calculations, in amounts sufficient to meet the minimum funding requirements pursuant to the Employee Retirement Income Security Act of 1974. Plan assets are invested in a diversified portfolio of common stocks and fixed income securities.

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

Net pension expense included the following components for the years ended December 31:

	1995	1994
(In Thousands)		
Service cost—benefits earned during the year	\$ (657)	\$ (836)
Interest cost on projected benefit obligations	(3,287)	(3,107)
Actual return on plan assets	15,975	(448)
Net amortization and deferral	(9,106)	7,567
<b>Net periodic pension credit</b>	<b>\$ 2,925</b>	<b>\$ 3,176</b>

Selected information on the Plan's funded status and the amounts recognized in the Foundation's statements of financial position at December 31 follows:

	1995	1994
(In Thousands)		
Plan assets at fair value	\$ 80,560	\$ 67,006
Less projected benefit obligation	(43,976)	(40,544)
Funded status—surplus	\$ 36,584	\$ 26,462
Prepaid pension cost included in other assets	\$ 20,283	\$ 17,358

Assumptions used in accounting for the Plan in 1995 and 1994 as of December 31 were:

	1995	1994
Weighted average discount rate	7%	8%
Rate of increase in compensation levels	5%	6%
Expected long-term rate of return on assets	9%	9%

The Foundation also maintains a Trusteed Savings Plan for regular salaried employees under which Foundation contributions are made to equal employee contributions of up to 5 percent of pay. The combined contributions are credited to the employees' accounts. These accounts are invested and at termination of employment, the employee receives the account balance. The Foundation's contributions to this plan were \$341,000 for 1995 and \$367,000 for 1994.

##### **5. OTHER POST-RETIREMENT BENEFITS**

The Foundation provides certain health care and life insurance benefits for retired employees. Employees are eligible for these benefits when they meet the criteria for retirement under the Foundation's pension plan. The plans are non-contributory and there are no cost-sharing features. In 1995, the Foundation adopted Financial Accounting Standards Board Statement No. 106, *Employers' Accounting for Post-retire-*

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

*ment Benefits Other Than Pensions*, which requires that the expected cost of providing post-retirement benefits be accrued during the years that employees render service. Previously, post-retirement benefits were recognized as expense as the related insurance premiums were incurred. The Foundation has elected to recognize the transition obligation of \$16,163,000 in 1995 as the cumulative effect of a change in accounting principle. The effect of adopting the new rules increased 1995 net periodic post-retirement benefit cost by \$963,000 and decreased the change in net assets by \$17,126,000. Post-retirement benefit cost for 1994 (\$568,000), which was recorded on a pay-as-you-go basis, has not been restated for this change.

The following table shows the two plans' combined funded status reconciled with the amounts recognized in the Foundation's statements of financial position:

	DECEMBER 31			
	1995		1994	
	MEDICAL PLAN	LIFE INSURANCE PLAN	MEDICAL PLAN	LIFE INSURANCE PLAN
(In Thousands)				
Accumulated post-retirement benefit obligation:				
Retirees, dependents and surviving spouses	\$ (11,357)	\$ (1,681)	\$ (10,243)	\$ (1,538)
Employees fully eligible	(2,106)	(243)	(1,748)	(196)
Employees not fully eligible	(3,266)	(291)	(2,238)	(200)
Total	(16,729)	(2,215)	(14,229)	(1,934)
Plan assets at fair value	—	—	—	—
Funded status	(16,729)	(2,215)	(14,229)	(1,934)
Unrecognized net loss	1,675	143	—	—
Unrecognized net transition obligation	—	—	14,229	1,934
Accrued post-retirement benefit cost	\$ (15,054)	\$ (2,072)	\$ —	\$ —

Net periodic post-retirement benefit cost for 1995 included the following components:

	MEDICAL PLAN	LIFE INSURANCE PLAN	TOTAL
(In Thousands)			
Service cost	\$ 287	\$ 50	\$ 337
Interest cost	1,127	150	1,277
Total	\$ 1,414	\$ 200	\$ 1,614

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

The weighted-average assumed annual rate of increase in the per capita cost of covered benefits (i.e., health care cost trend rate) is 13 percent for 1996 and is assumed to decrease gradually to 6 percent for 2002 and remain at that level thereafter. The health care cost trend rate can have a significant effect on the amounts reported. For example, increasing the assumed health care cost trend rate by one percentage point in each year would increase the accumulated post-retirement benefit obligation as of December 31, 1995 by \$2,097,000 and the aggregate of the service and interest cost components of the net periodic post-retirement benefit cost for 1995 by \$189,000.

The discount rate used in determining the accumulated post-retirement benefit obligation was 7 percent at December 31, 1995 (8 percent at January 1, 1995).

**6. BONDS PAYABLE**

During fiscal 1993, the Foundation issued \$20,445,000 in tax-exempt term bonds and \$9,815,000 in tax-exempt serial bonds to fund the acquisition, construction and furnishing of a new office facility (the "Facility").

The bond proceeds and related investment income earned are held by a trustee (the "Trustee") and are disbursed at the direction of the Foundation to fund allowable Facility-related costs, which aggregated \$30,510,000 and \$30,124,000 at December 31, 1995 and 1994, respectively.

The bonds are rated Aaa by Moody's and AAA by Standard & Poor's, and are backed by the general assets of the Foundation. In addition, the bonds are secured by the Foundation's ownership interest in the Facility, a leasehold interest in the Facility, insurance proceeds with respect to the Facility and certain amounts held by the Trustee. The nominal interest rates on the serial bonds range from 3.1 percent to 5.1 percent. The nominal interest rates attributable to the term bonds are 5.2 percent and 5.4 percent.

The serial bonds mature in various amounts, ranging from \$520,000 to \$880,000 per year, through 2008. The term bonds are due in 2013 (\$5,140,000) and 2023 (\$15,305,000). Bond maturities are as follows (in thousands):

Fiscal year ending December 31:

1996	\$ 520
1997	540
1998	560
1999	585
2000	610
Thereafter	26,445
	\$ 29,260

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

**7. NOTE PAYABLE TO BANK AND LOANS RECEIVABLE**

In 1994, the Foundation borrowed \$50 million from a bank, to acquire, at a substantial discount, first mortgage notes due from a real estate partnership in which the Foundation is invested. The Foundation's note payable bears interest at LIBOR plus .25 percent per annum and is payable on demand. The mortgage loan receivable by the Foundation is collateralized by the partnership's real property and is payable on demand. Interest income is recognized by the Foundation as received.

**8. APPROPRIATIONS AND EXPENDITURES**

Appropriations by the Trustees are considered to be obligations when grants are approved (awarded) for specific grantees; appropriations not released for specific grantees and the appropriation for the budget for the next year are considered as Board-designated net assets. The majority of approved grants are scheduled for payment within one year. Administrative costs, including investment expenses and excise taxes, account for approximately 22 percent (17 percent in 1994) of the Foundation's total expenses, and are charged to operations when incurred.

Appropriations and expenditures for the year are summarized as follows:

	APPROPRIATED FOR SPECIFIC GRANTEES/ PURPOSES	APPROPRIATED FOR ALLOCATION AND NEXT YEAR'S BUDGET	TOTAL APPROPRIATED
(In Thousands)			
Balance, January 1, 1995	\$ 64,056	\$ 191,402	\$ 255,458
Approved grants, and program and administrative costs	120,626	(120,356)	270
Lapses and refunds	(35)	(1,115)	(1,150)
Expenditures for grants and operations	(129,351)	—	(129,351)
1996 budget (less amounts appropriated prior to 1995)	2,900	119,826	122,726
Balance, December 31, 1995	\$ 58,196	\$ 189,757	\$ 247,953

**9. FEDERAL EXCISE TAX**

The Foundation is a philanthropic organization chartered in 1913 "to promote the well-being of mankind throughout the world." The Foundation qualifies as a tax-exempt organization under Section 501(c)(3) of the Internal Revenue Code and, accordingly, is not subject to Federal income tax. Because the Foundation is classified as a private foundation, it is subject to a Federal excise tax of 1 percent or 2 percent on

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

investment income (its principal source of revenue) less investment expenses, and on net realized taxable gains on securities transactions. In accordance with Section 4940(e) of the Internal Revenue Code, during the years ended December 31, 1995 and 1994, the Foundation met the specified distribution requirements and was subject to a Federal excise tax of 1 percent.

Deferred Federal excise tax arises from temporary differences between financial and tax reporting related to investment income and the difference between the cost basis and market value of marketable securities.

**10. ACCOUNTING FOR CONTRIBUTIONS AND FINANCIAL STATEMENT DISPLAY**

During 1995, the Foundation adopted the accounting policies contained in Financial Accounting Standards Board Statement No. 116, *Accounting for Contributions Received and Contributions Made*, and Statement No. 117, *Financial Statements of Not-for-Profit Organizations*. The effects of adopting the new standards, including restatement of the accompanying 1994 financial statements, was not material to the Foundation's financial position or results of operations.

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**11. USE OF ESTIMATES**

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Management believes that the estimates utilized in preparing its financial statements are reasonable and prudent. Actual results could differ from these estimates.

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*Outgoing Chairman of the Board John Evans served as a trustee of the Foundation for 13 years, eight as chairman. His contributions to the field of philanthropy and to the Foundation have been extraordinary. We were inspired by his sensitivity and wisdom, and guided by his insight, intellect and strength. The staff and trustees of the Rockefeller Foundation salute John Evans' significant contributions to "the well-being of mankind," and thank him for his leadership and friendship.*

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## INFORMATION FOR APPLICANTS

The Rockefeller Foundation concentrates its giving around the nine core strategies described in the Program Goals section on page 6. Program guidelines supporting these strategies are available and can be obtained by writing the Foundation.

The Foundation is a proactive grant maker; that is, the officers and staff seek out opportunities that will help further the Foundation's long-term goals, rather than simply reacting to unsolicited proposals. Foundation officers and staff receive more than 12,000 unsolicited proposals each year, most of which cannot be considered because their purposes fall outside Foundation program guidelines.

Other grants and fellowships are awarded through publicized competitions designed to advance program goals.

### GRANTS

Among the factors considered in evaluating grant proposals are the project's relevance to Foundation programs and strategies, the applicant's qualifications and record of achievement, and the applicant's ability to secure additional funding from other sources.

### FELLOWSHIPS

Fellowships are awarded to individuals for training or to help further their research.

### LIMITATIONS

As a matter of policy, the Foundation does not give or lend money for personal aid to individuals, contribute to the establishment of local hospitals, churches, schools, libraries or welfare agencies, or to their building and operating funds; finance altruistic movements involving private profit; or support attempts to influence legislation.

In addition, the Foundation does not normally provide general institutional support or fund endowments.

### RELATIONSHIP WITH GRANTEES REGARDING AFFIRMATIVE ACTION

The Foundation's Board of Trustees approved an external affirmative action policy in March 1988 for use with grantees. This policy states:

"The Rockefeller Foundation believes that important issues of underrepresentation of minorities and women remain unresolved in our society, and so far as possible we seek to play a helpful and constructive part in their resolution. To that end, the Foundation systematically invests in the professional development of minorities and women and their promotion into leadership roles. The Foundation expects grantee organizations to engage in similar efforts. Consequently, affirmative action questions will be raised with grantees or applicants for support when there appear to be opportunities for constructive collaboration with the Foundation in the interests of improv-

ing opportunities for underrepresented groups. In such instances, as a first step, we may ask these institutions to inform the Foundation of their efforts, supported, as appropriate, with data on the gender and minority composition of the leadership of the institution."

### HOW TO APPLY

In general, no special form is required to apply for a grant or fellowship, but the proposal or application should include the items listed below. Requests for an application for a conference or residency at the Bellagio Study and Conference Center should be sent to the Bellagio Conference Office at the Foundation's New York office. In cases where any other special form is required, it will be sent upon receipt of the following:

- A description of the proposed project or fellowship activity, with clearly stated objectives and plans;
- A comprehensive plan for the total funding of the project during and, where applicable, after the proposed grant period; and
- A listing of the applicant's qualifications and accomplishments and, where applicable, a description of the institutional setting.

Completed proposals and applications should be sent to the secretary of the Foundation or to the director of the relevant division or program, at: The Rockefeller Foundation, 420 Fifth Avenue, New York, New York 10018-2702 USA.

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