

**PRESIDENT'S REVIEW
& ANNUAL REPORT
1994**

THE ROCKEFELLER FOUNDATION
1994 ANNUAL REPORT

The Foundation

The Rockefeller Foundation is a philanthropic organization endowed by John D. Rockefeller and chartered in 1913 "to promote the well-being of mankind throughout the world." It is one of America's oldest private foundations and one of the few with strong international interests. From the beginning, it 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 and opportunities as they arise. Its work lies in three principal areas: international science-based development, the arts and humanities, and equal opportunity. Within science-based development, the focus is the developing world, with emphasis on the global environment, the agricultural, health, and population sciences, and several special African initiatives.

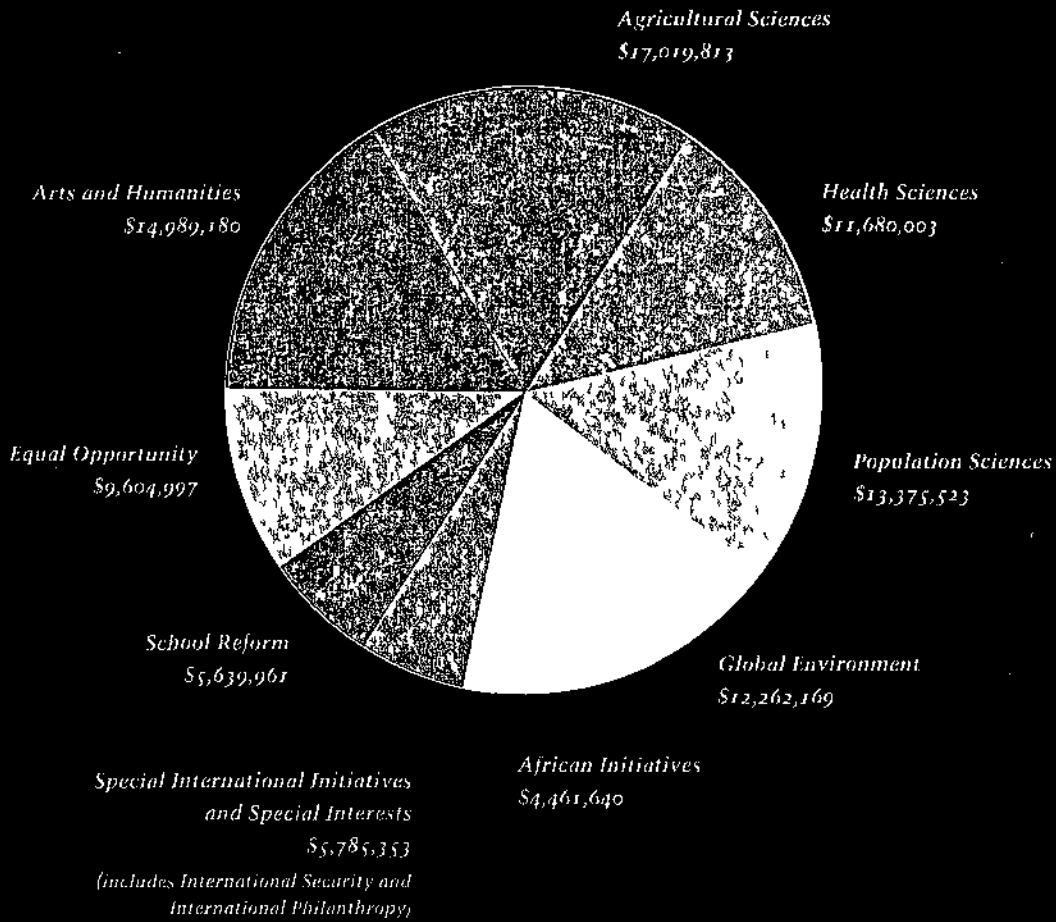
The balance of the Foundation's grant and fellowship programs supports work in U.S. school reform, international security, international philanthropy, and other special interests and initiatives. Moreover, the Foundation maintains the Bellagio Study and Conference Center in northern Italy

for conferences of international scope and for residencies for artists, scholars, policymakers, 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. Information on applying for grants and fellowships begins on page 130.

This chart depicts—by program and division—the grants, appropriations, program related investments, and fellowships approved in 1994, totalling \$94,818,638.

*International Science-Based
Development Programs*
\$58,799,148



The President's Letter

How can we hope to live together if 500,000 human beings are slaughtered and the world community does essentially nothing to prevent it?

When we think of 1994 we will always see those nightmarish pictures of murdered Rwandans, their disjointed bodies piled by the roadside, sprawled in churchyards

As the last years of the 20th century unfold, the consequences of failing frameworks and systems become more painful and the need for purposeful adaptation on a global scale more urgent. Old institutions and ideas no longer serve us well, we seek the problem-solvers who will build new institutions

The world's international institutions were designed a half century ago to broker top-to-top relations among nation-states that have since become increasingly fragmented and ineffective. Yet in many ways the world operates as if national borders no longer existed: weapons are bought and sold secretly, destructive technology is for sale to the highest bidder, money hides offshore, speculators defeat central banks, illegal migration mounts, without respect for borders water is contaminated and water tables depleted, disease and germ plasm move invisibly, narcotics and technology are smuggled around the world, Christians, Jews, and Muslims send money to their religious compatriots in other countries for causes that sometimes exacerbate tension and hostility, terrorists can threaten anywhere, and television penetrates everywhere

The need for thoroughgoing reform is more acute than we have grasped. Yet, astonishingly, no major head of state has pressed either on the international agenda or in the consciousness of his own constituency the urgency of building a new set of institutions through which we can cope with these phenomena. What are the ideas and institutions that will help us adapt to these forces? What is the path we must follow? The gap between what needs to be done and what is actually being done demands innovation, change, and new voices. The Foundation's job is to support these voices as they explore new frameworks for thought and action

In 1994, seven foundations and three major financial institutions — Prudential, J. P. Morgan, and Metropolitan Life — as well as the U. S. Department of Housing and Urban Development launched a second round of investment by a consortium that supports community-development corporations in decayed neighborhoods in 23 cities. This effort is large in the world of philanthropy. But it is small in a country where poverty is growing, crime is rising, drug use is becoming more deeply entrenched, and a President and a Congressional majority from opposing parties vie to cut taxes in the face of an operating deficit and a total national debt of growing dimensions

The vignettes inset throughout this essay describe Foundation activities that address the issues and problems described in this message

A National Consortium for Community Development

"Our wish list is not that complicated," says Nora Lichtash, the executive director of the Women's Community Revitalization Project (WCRP) in Philadelphia. "We want a child-care center, good lighting, trees around, and to be able to see the kids playing in the courtyard from the kitchen window."

The National Community Development Initiative helps nonprofit community-development corporations like WCRP renew inner-city neighborhoods.

WCRP has been remarkably successful in making its wish list come true. In the past seven years it has built eight row houses and 24 townhouses in one of Philadelphia's inner-city neighborhoods. But its strategy for neighborhood revitalization goes beyond housing development—it rebuilds neighborhoods socially as well as physically by organizing tenants to shape their own communities. As a result, those row houses and townhouses now have an adjacent child-development center, and a community health-care network and a primary health-care facility are being developed within the neighborhood, and residents are being linked with job-training opportunities. WCRP has learned that once community members gain access to desperately needed housing or child care for their children, they get involved, organize around important issues such as school reform, literacy, and health care, and in the process become strong community leaders.

Seven years ago when Lichtash and two neighborhood residents developed the idea of creating a neighborhood economic development organization that would create small business opportunities, they were discouraged by the prospect of women entering what they perceived to be a traditionally male field. "We didn't feel confident that we had the skills to do the work. However, we resisted the stereotype, got appropriate training, and started believing in ourselves."

The American system of welfare is a vivid example of an institution that has drifted far from its original context and purposes. It was created to provide temporary assistance to the unemployed and longer-term support for the disabled. Today, by almost every measure, the system is a resounding failure. It does not lead to work, and it does not contribute to the independence and self-sufficiency of those who benefit from it. As a result, it has become a hot-button target for those who pay for it.

High on our nation's agenda, therefore, must be the task of redefining the terms of the contract between society and the unemployed. The Rockefeller Foundation will support new ideas, new experiments, and new local approaches to the challenge of generating employment for these individuals.

But the most profound dilemma that links every human being on earth is one that cannot be easily glimpsed through the headlines and images of 1994. It is the divergence between the global course of Western-style industrialization on which we are presently embarked and the path of sustainable development that we must find.

Troublesome signs are beginning to appear in the agricultural sector. In the next five to seven years, it will become apparent that the world is moving from an era of food surplus to one of increasing food scarcity. Too many trends converge:

- ↳ the loss each year of valuable fertile land, particularly in China and Africa,
- ↳ the absence of large tracts of new arable land,
- ↳ the flattening of yield-productivity curves for most crops in many parts of the world,
- ↳ the addition of 90 million children to the world's population each year,
- ↳ the depletion and contamination of freshwater aquifers,
- ↳ severe strains on the world's major fisheries, and
- ↳ a move in some developing countries to richer diet patterns that place even greater demand on grain production.

The coming food crunch is not the only trend that should concern us. There are other signposts to tell us that the road we are on does not lead to viability or opportunity.

- ↳ our patterns of industrial and energy production and consumption lead to increased pollution and the depletion of our natural resources
- ↳ the disparity in income between the poor and the rich in almost every part of the world places enormous pressure on fragile societies, creating increased poverty and greater ethnocentrism—which, in turn, lead to violence, environmental degradation, war, genocide, and disease
- ↳ the availability of weapons of mass destruction continues to increase, as does the vulnerability of human society to their use

From President Jimmy Carter's North Korea Trip Report, June 1994

"The crossing at Panmunjom was a bizarre and disturbing experience, evidence of an incredible lack of communication and understanding. For more than forty years, the Koreans and Americans have stared across the demilitarized zone with total suspicion and often hatred and fear. We were the first persons permitted to cross the DMZ to and from Pyongyang—since the armistice was signed in 1953!

"There was no doubt that Kim Il Sung was in full command and could make the final decisions. After thanking me for accepting his three-year-old invitation, he asked me to speak first. I described my unofficial role, my briefings, my visit with South Korean President Kim Young Sam, and then made the presentation that I had prepared before leaving home. I outlined the entire situation to be sure that he was fully aware of all concerns about North Korean nuclear policies.

"Finally, in effect, he accepted all my proposals.

"During the [boat] trip, President Kim [Il Sung] and I had a long discussion about future relations between North and South Korea. He described several North-South discussions that had been held, but stated that no good results had ever materialized. He stated that fault for lack of progress lay on both sides, and responsibility for mistakes had to be shared. He expressed pleasure that President Kim Young Sam had proposed a summit meeting during his political campaign, and President Kim Il Sung said it should be done without preconditions or extended preparatory talks."

The task of finding and following the path to sustainable development will be immensely difficult, and it will be the first managed transition we have attempted as a global community. We do not march into the future in a straight line. Much of who we are and how we interpret, react, and adapt is passed on from generation to generation through our culture and customs, our stereotypes of ourselves and others, and our definitions of happiness, fulfillment, and obligation. This cultural DNA that we receive and bequeath through the world of art, ritual, and human expression shapes the future powerfully.

The two decades following World War II saw a series of broad directions that established a new pattern of international relationships: the creation of the Bretton Woods institutions, the rebuilding of Europe and Japan, and the gradual decolonization of Asia and Africa. The Atlanticists—the generation of Western leaders who guided this transition—learned from the mistakes of the post-World War I period. The institutions they created were effective and relatively flexible, and the attitudes and values that infused these institutions were basically forward-looking and open to the inclusion of previously excluded regions and new nations.

But several of the key assumptions under which the world has operated since World War II are no longer viable: that indefinite expansion of Western-style industrialization and consumption is both possible and desirable, that most of the world's natural resources can be regarded as unlimited in supply, and that most problems are amenable to technological solution.

These ideas once seemed so self-evident that often they were not even articulated. But today each of them is open to serious question. A large part of the transition to a path of sustainable development consists in identifying and applying a new set of assumptions.

What are some of the ideas that will replace the assumptions of the Atlantic era? What does this new path look like? Because we are only in the initial stages of defining it, we cannot describe this path in great detail. But we can go beyond describing it only as the opposite of the negatives listed above. Some of

the characteristics of the new path will be as follows:

- ◊ Consumption patterns of less use, more reuse and recycling, and greater efficiency
- ◊ More renewable energy and far greater energy efficiency
- ◊ Efficient use of water resources and conservation of fresh water
- ◊ Concentrated efforts to develop sustainable crop yield, storage, and transportation
- ◊ Quality family planning and reproductive health services available to every woman and family in the world.
- ◊ Acceptance of the limits of our natural resources and concerted efforts to anticipate and prevent interruptions in natural biological, meteorological, and hydrologic cycles
- ◊ National income accounts, economic policies, and pricing mechanisms that reflect a commitment to safeguarding environmental resources, and that capture more of the unseen costs of both present consumption patterns and the headlong substitution of short-term human investments for long-term natural investments
- ◊ A concept of progress less linear, less concerned with overall growth and acquisition, less obsessed with short-term return on investments, and more concerned with balance and enhancing the quality of life

◊ Concepts of equity more related to educational opportunity and less concerned with material goods. Education will be a particularly decisive force in society, since this critical investment in human talent will be needed to open the way to more innovative forms of agriculture, industrial production, and information processing.

To frame all this, understand the need for it, nurture the attitudes whereby a species can begin to cope with the consequences of its own collective behavior—all of this will require the knowledge to understand our differences, particularly the ethnic, religious, and cultural differences that propel our enmities and impede cooperation.

Dramatic changes will be needed in the North in the areas of consumption, energy generation, and the production and treatment of hazardous waste.

In the large countries of the North, this process has barely begun

The countries of the South are engaged in discussion, but it has not yet been translated into a viable plan of action Thailand, China, India, Iran, Malaysia, Indonesia, the Philippines, South Africa, Brazil, Chile, Mexico, and Argentina are well along the road to development But it is a development much like that of the United States, Europe, and Japan Put bluntly, many developing countries have made significant progress toward a goal that has proven to be the wrong one for the conditions of the 21st century And scores more are just setting out toward that same non-viable goal Where do we see signs of those who are groping toward the goal of sustainable development? Can any of us come up with a list that includes any country other than Costa Rica?

And where do we find institutions that are building for the new era? Where do we find thoughtful people who will sit down with one another to puzzle through the policies and institutional forms of cooperation that the new era will require?

The job of a foundation includes finding such leaders, supporting them, and putting them in touch with one another It is our job to help them find the missing links — the scrap of material, the piece of research, a network of like-minded innovators

We find them at a meeting in Mauritius, off the east coast of Africa, where female ministers of education press their drive to achieve gender parity for young girls in primary and secondary education

FAWE

An overcrowded meeting room in Mauritius is hushed as 18 male African ministers of education and permanent secretaries and nine female ministers confront their own roles in the pervasive sexual bias that denies African women their full rights as human beings

As the afternoon wears on, tension in the room grows as the female ministers embolden their male counterparts to acknowledge gender bias and inequality in their school systems

Finally a minister of education who has served as a senior leader in his nation's fight for independence questions where the conversation is leading "Are you saying that women should behave like men?" "No," comes the response from one of the female leaders "Both men and women are disadvantaged by their current gender roles We must talk about developing our whole being, about developing a caring community"

The Forum for African Women Educationalists (FAWE) is an organization of female ministers of education in Africa It is the first continent-wide organization to be devoted to the education of young girls, and it is making its presence felt both in Africa and in the donor community

Various countries are taking specific steps to reduce the dropout rate among young girls Having thought through the attrition that results from pregnancy, Guinean education minister and FAWE member Aicha Bah signs a decree permitting unmarried pregnant girls to re-enter the educational system after taking maternity leave Alice Tiendrebogo, Burkina Faso education minister and FAWE member, tackles the problem by keeping schoolgirls close to home in satellite schools and encouraging parents to take more interest in their daughters' education

In the battle to treat girls equally, success stories are important Recently, two girls' schools in Kenya — Precious Blood and Alliance Girls' School — made history by becoming the top schools in the certificate examination of Kenya's new educational system Of the 245 girls from these schools who sat for the exam, a full 94 percent gained direct university admission in 1994

We find them in Geneva, where representatives of multilaterals, non-government organizations (NGOs), and foundations are working out a new agenda and vision for the United Nations Environment Programme, and we find them in rural Gansu Province, in China, in an experiment with photovoltaic energy

Energy Transition

In 1993 a \$50,000 energy transition grant was made to the Solar Electric Light Fund to test the economic and technical reliability of rural solar electrification in Gansu, China, 1,200 miles west of Beijing

One villager from MaGiacha village, a poor, un electrified rural village of some 850 people, stood up at a public meeting and reported on his experience with the project

"Not long ago we only had kerosene lamps, which gave us a little light, like the stars do It's so difficult for us to do any work in the evening time The most dangerous thing was when we got up in the morning — our noses and mouths were filled with black ashes If one continually worked for four or five hours under the kerosene lamp, he must feel dizzy in the head and dim of sight

"Now there is bright light in the houses, with fresh air! If you are on the way to MaGiacha, you may notice the change and wonder if it is a city, for the bright lighting, beautiful music from the TV mixed with the talk and laughter of people will give you a picture of a city"

We find them at a meeting of the Consultative Group on International Agricultural Research (CGIAR), a unique network of donors and research institutions devoted to developing the germ plasm and agricultural technologies required for the 21st century. We find them in maize trials in James village, Malawi.

Building Crop Management Capability in Africa

I am on a visit with Webster Sakala, a young agronomist from the Malawi Department of Agricultural Research, to James village, which lies in rolling country some 15 kilometers from the nearest trading center. Sakala's field surveys have shown that many farmers in Malawi apply their fertilizer too late. He wants to run some simple trials with farmers to show them how much they are losing by putting their fertilizer on late—and he also wants to better understand why farmers do this. We walk across the fields, explaining to the chief and his farmers what we need in a trial site and why we want to do the experiment. Several farmers are interested and we soon select two good sites.

From the back of the truck Sakala lifts several labeled bags, some marker pegs, and a record file. He sits down in the shade of a nearby tree with Lyson Nylenda, a field staff worker, and talks with the farmers.

The price for new fertilizer is more than twice what it was last year, and everyone is worried that they will no longer be able to afford it. "You must treat your maize like you would your child," says Sakala. "You know that if children don't get enough to eat, they don't grow properly. Your maize is just the same. You must feed it early—and stop the weeds from robbing it of food—if the plant is to be strong enough to produce grain. If you allow a plant to become weak when it is young, it will never produce a good crop."

Another farmer joins the discussion. "I have a field that always has weak maize no matter what I do to it—I don't think it is worthwhile using fertilizer at all," he says. Several others agree. We go over to see some of the problem fields and Sakala carefully takes soil samples from them. Dr. John Kumwenda and Dr. Sieglinde Snapp have been working on problem soils for several years. Their analysis of soil and plant samples indicates that existing fertilizers do not contain all the nutrients the plants need to grow vigorously.

John Kumwenda sets up another set of trials to confirm the analytic results. He uses a new fertilizer compound with added nutrients of zinc and sulfur, developed by a local fertilizer company that attended a research presentation organized by Kumwenda and his colleagues.

The trial confirms Kumwenda's diagnosis—the sites with the added nutrients give twice the yield of those without. Webster Sakala's trials also show much higher maize yields (2t/ha vs 1.2t/ha) when fertilizer is applied at the right time. During the growing season, we hold several field days to discuss the experiments—with the people of James village, farmers from neighboring areas, and researchers, policymakers, and fertilizer companies in attendance.

*Report from Malcolm J. Blackie
The Rockefeller Foundation Field Staff*

And we find them at Cairo in September 1994 at the International Conference on Population and Development. Unlike the Rio de Janeiro conference on the environment in 1992, the Cairo conference succeeded in reaching a broad global consensus on the direction that should be taken in developing policies and programs in the field of family planning and women's reproductive health. One of the reasons the conference was an important milestone on the path to sustainable development, rather than a noisy recapitulation of the differences that divide the industrialized world from the developing world, is that

NGOs played a primary role in shaping the consensus, both in public and behind the scenes. NGOs from countries all over the world were able to work as equals and shape a framework for the future in which everyone had a stake. This was a remarkable achievement, and the first of its kind. The delegates to the conference grappled with sensitive issues such as abortion and services for adolescents, and they developed an approach that very nearly commanded universal support while respecting the religious traditions and institutions of individual countries.

Family Planning and Reproductive Health Services for Adolescents in Zimbabwe

The Zimbabwe National Family Planning Council set about with great caution to identify effective models for delivering contraception and other reproductive health services to adolescents. They sought the ideas and involvement of young people as well as those of community and political leaders. The Council expected to have difficulty finding community organizations that were willing to experiment in an area as sensitive as contraception and reproductive health for adolescents.

Instead, they were surprised to find that youth organizations with primary interests in everything from soccer to religion had already identified the acute lack of information and services for adolescents as a major concern—in rural as well as urban areas—and were eager to work with the Council to test models for services. The problem turned out to be one the Council had not anticipated: how to find groups willing to serve as no-service comparison groups so that the impact of programs could be evaluated.

We find them at the Inter-American Development Bank, as it works with groups in Brazil, Ecuador, and Uruguay to expand the role of the civil society in development. Throughout the developing world, including the Muslim world, there is ferment and exploration as a new generation seeks to define the role of nongovernmental entities and activity in the broad scheme of sustainable development and equity.

Dialogue at Casablanca

For the past three years, the Rockefeller Foundation and the Aga Khan Trust for Culture have been partners in a series of international meetings on the theme "Pluralism and Its Cultural Expressions." The series has brought together institutions from Indonesia to Morocco in an exploration of a new breed of emerging NGOs—research centers, cultural centers, journals of opinion, history study groups—and the roles they play in different Muslim-majority societies.

The series has shown that opportunities for public debate are increasing. But many of these institutions remain subject to powerful conformist pressures. These pressures took on a particular significance in the context of the final meeting in the series held in Casablanca, Morocco, at the King Abdul Aziz al-Saud Foundation for Islamic and Human Sciences in January 1995. One of the participants, Riad al-Rayyes, learned that Lebanese police had just confiscated three books issued by his publishing house. In an account of these events published in several Arabic-language newspapers as an open letter to the prime minister of Lebanon, al-Rayyes underscored the ambiguities facing autonomous cultural institutions like his. "[At] the [Morocco] conference, I had suggested that [the journal] *an-Naqed*, in Lebanon, host the next conference being prepared by those three institutions [Rockefeller, Aga Khan, King Abdul Aziz] for the world's cultural magazines next spring. But after the confiscation decision and

its aftermath, I don't know if it is still possible to hold the meeting in Beirut. [It] is unfortunate that as the books of as-Sadeq an-Nayhoum are being impounded in Lebanon, their translation is beginning elsewhere, and an international cultural conference agrees to make Beirut the venue of a meeting of cultural magazines. What irony!"

The Rockefeller Foundation continues to support efforts by cultural and intellectual institutions across the Muslim world to strengthen open debate and expression in their societies.

The Foundation's resources are enlisted in this broad effort to find and pursue the path to sustainable development. Our core strategies are grouped around three critical dimensions of that task: searching for the technologies and policies of sustainable development, with primary focus on the developing world, addressing in the United States that part of the equation that has to do with equity and opportunity, and helping people bridge differences of ethnicity, religion, and cultural heritage through knowledge, communication, and the arts.

It has now been two years since the Foundation restructured its approach around nine core strategies. Those strategies and the annual program expenditures associated with them are listed as part of this message (see page 11). The process of reconfiguration around the core strategies has forced us to develop new tools for program design and management and has encouraged us to devote more thought to the theories of change involved in our major undertakings.

In designing strategies, we focus on the following attributes:

- ↳ long-term time horizon, which in some cases is measured in decades,
- ↳ a theory of change which identifies the mechanisms that have the potential to alter expectations, knowledge, or patterns of behavior,
- ↳ a commitment to critical, outside evaluation of progress and shortcomings along the way,

↳ each strategy's capacity to enhance or influence positively the other core strategies, and

↳ a clear sense of what comparative institutional advantages the Foundation can contribute or acquire in order to execute these strategies.

This repositioning around core strategies was not accomplished without difficulty. Approximately 80 percent of our expenditures are now devoted to these nine core strategies. To accommodate this new appropriation, some \$25 million of programming was phased out, allowed to conclude naturally, or terminated over a two-year period.

To keep us on course, we also adopted the discipline of setting targets for the strategies. We have not yet established targets for every strategy, but we find that doing so is a wonderful stimulus to concentration and a useful tool for structuring and managing the strategy itself. Thus for Crop Yield, one of our targets is to double the yield per hectare of maize in four African countries by the year 2015.

This is frighteningly specific. The target has a date, a quantitative goal, and a geographic area. It is also very ambitious, but we believe that it may just be possible. Growth in maize yield is one of the keys to sustaining a reliable food source in Africa, and if yield can be doubled or tripled in experimental field trials, then it can reasonably be expected to double on average in Kenya, Malawi, Uganda, and Zimbabwe—the four countries in which our efforts are currently being concentrated. And if maize yield can be doubled in these four countries in the next two decades, then it can be expected to increase substantially in sub-Saharan Africa as a whole, and thus affect Africa's overall food productivity and output.

The setting of targets introduces a sense of accountability and focus that is achieved in the public world by the need to face the electorate and in the private world by the need to produce an annual income statement. It cannot be applied rigidly or mindlessly, but it imposes a discipline that has proved to be invaluable.

The broad sweep of this movement toward equitable and sustainable development encompasses thousands of institutions ranging from massive multilaterals to small NGOs, it is important for a foundation to be realistic, modest, and rigorous about its role in this process. The pursuit of complex, uphill, long-range strategies is inherently dangerous, for nothing in the human experience suggests that we can chart and follow a fixed course for very long without winding up lost or irrelevant or both. And yet we cannot shrug off our conviction that the course on which we are presently proceeding demands adjustment if it is to lead us toward the goals of sustainable development, individual rights, and equity that we seek.

There is unavoidable hubris and risk in the very act of attempting to define and pursue this new course. How do we reconcile the arrogance of aspiration inherent in philanthropy with the need to be bold and tenacious? The best answer we have come up with is this: if one addresses what one perceives to be the most serious problems of one's time, then one incurs the risk of being more wrong than right, more nearsighted than far-seeing, more pretentious than humble, more self-serving than generous, and more presumptuous than adaptive. We are all engaged in an adventure that will test whether we can muster the capacity for cooperative effort that is an integral part of defining and pursuing the new path. The human foibles that have hobbled such efforts in the past have not disappeared, and they must be reckoned with every step of the way.

The pictures from Rwanda bode ill. Is there an optimistic counterpoint?

The most hopeful answer does not come from Europe, the continent that has made the greatest progress toward the economic and political integration of nation-states. The most powerful lesson does not come from Asia, where the most dramatic economic growth and advance against poverty have taken place recently. The most inspiring example does not come from the Western Hemisphere, where the most striking recent movement away from dictatorship and toward democracy has occurred.

The paradoxes are painful. For Europe is also the continent where ethnic and religious madness has run unchecked in Bosnia, in NATO's backyard. Asia is the continent where the barely acknowledged genocidal holocaust of the Cambodians took place under the eyes of all the major Pacific powers. And the Americas are the hemisphere whose poorest country was ruled for two years by thugs who had overthrown a democratically elected government—and done so in the shadow of the most powerful democratic military power the world has ever known.

The most hopeful answer, the most powerful lesson, and the most inspiring example come, ironically, from the same continent in which Rwanda is located—the continent that some observers profess to find devoid of hope. That continent is Africa, and the answer of hope comes from South Africa and its transition to a pluralist democracy.

It is wise to be cautious and to expect that enormous difficulties lie ahead for this newly reconstructed nation. But it is equally important to take the measure of what has been achieved to date. What is the lesson of South Africa?

Many predicted that South Africa would endure an unavoidable ordeal of bloodshed and tragedy, that an entrenched minority would never voluntarily share power, that the knot of apartheid was so tightly bound as to defy the possibility of any loosening, let alone reworking.

And yet the story of the past five years in South Africa must be reckoned on the most optimistic end of any scale of probable outcomes that we could have imagined.

How small is our capacity to imagine the range of outcomes in human affairs. How grossly we underestimate the impact of strong leadership and clear moral vision. The work of Mandela and his countrymen and women provides a dramatic inspiration for any group of people undertaking difficult, seemingly impossible work in the face of daunting circumstances and against discouraging odds. And they have given us a brilliant and practical demonstration of what it means to refashion old institutions for new purposes.

If the forecast of discouraging trends and daunting problems in this essay is broadly on target, then it is the responsibility of institutions that can focus on the future to prepare for it by supporting those who assemble new knowledge, think through the design of new institutions, and introduce approaches to action and policy that address the emerging agenda. To change institutions that no longer work, we need to support bold, tenacious, creative leaders who understand present needs, can negotiate differences, and will build new and inclusive frameworks based on today's learning and designed for tomorrow's challenges. Foundations are among the organizations that can undertake this task. This foundation accepts a share of such responsibility—and it is willing to be judged on how intensely, imaginatively, rigorously, humanely, and tenaciously it strives to fulfill that responsibility.



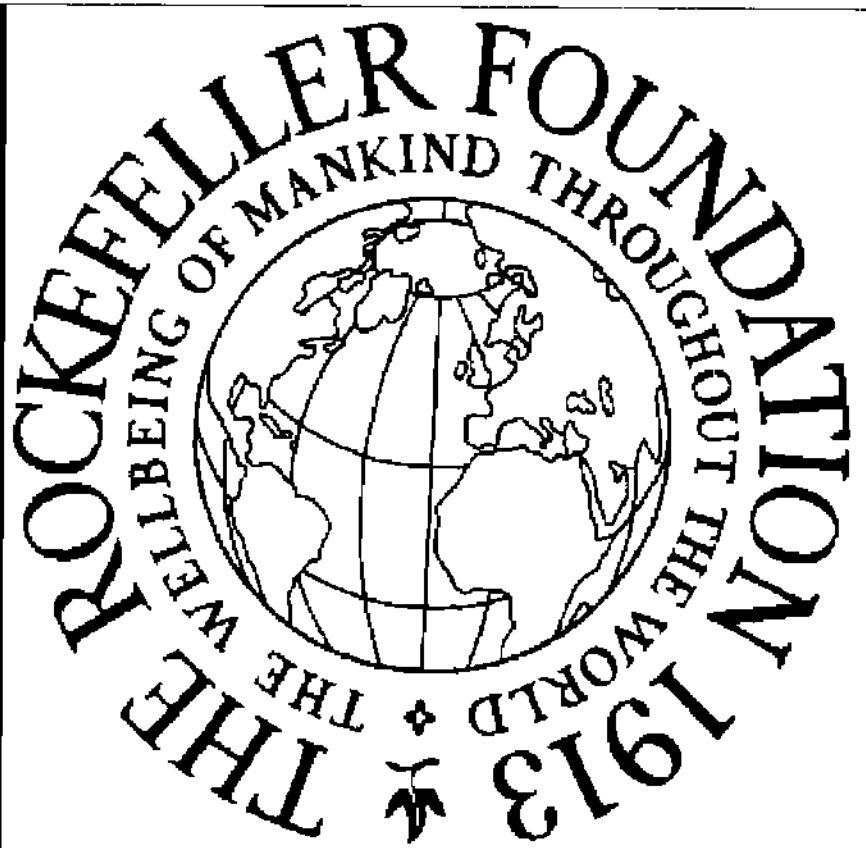
Peter C. Goldmark, Jr.
27 March 1995

Program Goals

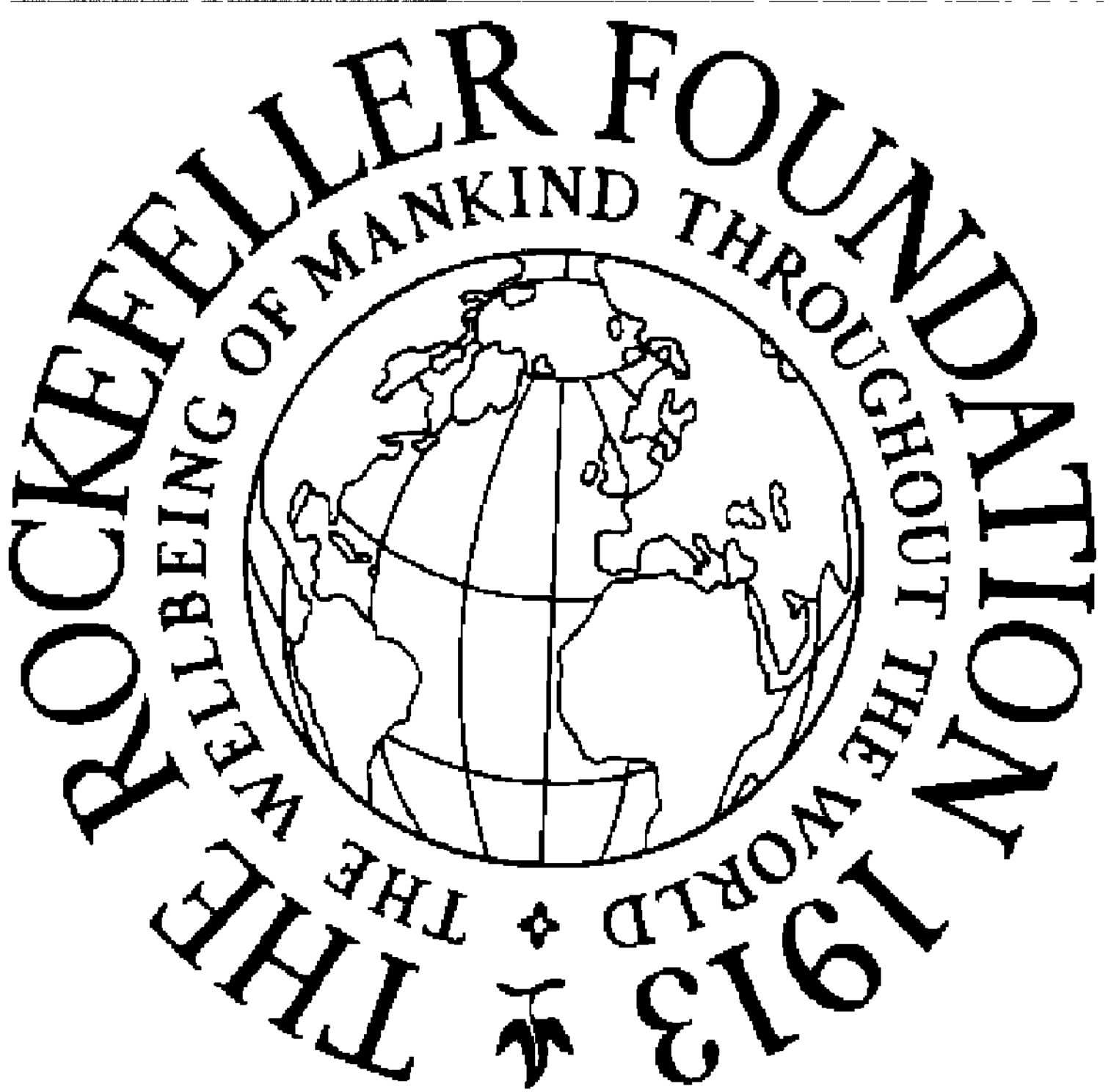
Foundation programs are organized around nine core strategies aimed at the goals listed in the first column at left, below. Together, these strategies constitute the Foundation's commitment to helping to define and pursue a path toward environmentally sustainable development consistent with individual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

Goal toward which program strategies contribute:	Annual Program Budget:	Unit:
International		
1 Mobilization for Unmet Demand <i>Help ensure availability of high-quality reproductive health and family-planning services to all women in the developing world over the next decade</i>	\$14.2 million	Population Sciences
2 Crop Yield <i>Increase food production in selected developing countries—20% increase in rice productivity and 50% increase in maize productivity by 2015</i>	\$17 million	Agricultural Sciences
3 Population-Based Health Care <i>Increase quality and equity of health outcomes 20% with preventive and accessible care in developing countries by 2005</i>	\$13.1 million	Health Sciences
4 Female Education <i>Close the gender gap in school enrollment and achievement in sub-Saharan Africa by 2005</i>	\$2.25 million	African Initiatives
5 Leadership for Environment and Development [LEAD] <i>Train the next generation of leaders in multidisciplinary, multisector approaches to ecologically sound development</i>	\$6.1 million	Global Environment
International & Domestic		
6 Understanding and Negotiating Difference Across Changing Societies <i>Support efforts to understand diversity and to bridge differences in culture, class, ethnicity, generation, and tradition</i>	\$12.5 million	Arts and Humanities
7 Energy Transition <i>Develop models for ecologically sound and economically efficient patterns of energy use</i>	\$4.8 million	Global Environment
Domestic		
8 Jobs/Community Building <i>Create job opportunities and community supports that enable all those who can work to join the mainstream economy</i>	\$7.4 million	Equal Opportunity
9 School Reform <i>Reform urban public school systems to enable full integration of all youths into society, especially those deemed "at risk"</i>	\$4.6 million	School Reform

Alone, increasing crop yield
will not eliminate famine,
expanding availability
of medical care
will not prevent disease,
educating women will not
wipe out poverty,
managing natural resources
will not save the environment—
unless in the process
sustainable development
also builds equity. Unless it also
promotes opportunity
and social justice.
Unless, in the process,
sustainable development lights
the human spirit
and kindles a common sense
of global community
and reconnects us
to the earth—our host.



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International Program to Support Science-Based Development



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Global Environment

The global environment is mankind's life-support system—and it is in great peril. The driving forces of production and consumption that convert nature's dwindling resources into consumer goods and disposable capital have seriously damaged the planet's ability to regenerate. Polluted air and water, acid rain, greenhouse gas emissions, and nuclear waste offer chilling proof that humankind has crossed a dangerous threshold in its relationship with its habitat.

The future must be one of investment. Reversing these dangerous trends requires a new approach, not only to nature's biophysical systems and non-renewable resources but also to human resources, development strategies and practices, energy-production systems, and governmental, industrial, and trade policies.

As the 21st century dawns, sustainability must become the focus of development efforts. Such an endeavor demands exceptional leaders who can collaborate across national borders to define a common ground on which the future can be built.

To support this vision, the Global Environment division of the Foundation has created Leadership for Environment and Development (LEAD). Its goal is nothing less than humanity's acceptance of responsibility for stewardship of the earth. It seeks to prepare tomor-

row's leaders as they forge alliances across the many sectors of society—academia, government, industry, the media, medicine, and science.

LEAD was formed in 1991 as a South-to-South collaboration among Brazil, China, the Commonwealth of Independent States, India, Indonesia, Mexico, and Nigeria. In 1994 Canada became a member. LEAD, which was recently granted status as a not-for-profit organization, is guided by an International Steering Committee and by National/Regional Steering Committees that include representatives from business, government, and nongovernment organizations.

As many as 20 promising young professionals are recruited annually in each member country or region to become Associates in LEAD's two-year program. Each Associate, taking paid leave from his or her regular employment, attends a total of 16 weeks of national and international training over a 24-month period.

At an international training session in Costa Rica, LEAD Associates visit a site near Guacamo to discuss the impact of development on worldwide biodiversity.



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Associates participate in seminars, workshops, and field visits in which they confront the range of problems that must be successfully resolved to chart the course of sustainable development. International training sessions were hosted by Zimbabwe in April, Thailand in May, and Costa Rica in October. Understanding environmental and development challenges, identifying practical solutions, and building an esprit de corps to catalyze fruitful collaboration are all components of these sessions.

LEAD Associates believe that fundamental changes in human values are essential if sustainable development is to become a reality. The ethical dimensions of sustainable development are also explored throughout the training program.

To date, LEAD has selected more than 300 Associates. The first cohort of 68 Associates graduated in March 1994 and are eligible to receive continuing support as LEAD Members. Consultations are now being held with various international organizations to establish fellowship and internship opportunities.

Already some of the first LEAD affiliates are moving into jobs in the policy arena. A LEAD faculty member has been appointed president of Mexico's National Institute of Ecology (the equivalent of the U.S. Environmental Protection Agency) and has selected six other LEAD-related individuals to serve in the new ministry. A Russian Associate from the Commonwealth of Independent States has been elected chair of the minority caucus in the Parliament of Tuva. An Associate from India has received a grant of more than \$7 million from World Bank to treat chemical waste and pursue water-reclamation projects.

Members and Associates are linked through LEADnet, an international computer network that facilitates communication and offers access to Global Interact, LEAD's multimedia system that serves as a portable library/database.

Energy

Promoting the transition to more efficient, environmentally sound, and equitable energy systems—the new energy paradigm—is a long-term strategy central to the Global Environment division. Alternative energy sources—including wind, solar, biomass, and geothermal power—must gradually supplement fossil and nuclear fuels as the primary sources of energy. End-use efficiency must be increased in the industrialized North and demonstrated as economically viable and socially acceptable in the developing world.

Developing countries facing rapidly increasing demands for energy can bypass the wasteful practices that have characterized industrial development in the North and focus instead on smaller-scale, decentralized energy-generating systems. These systems can not only help local communities circumvent inefficient large-scale grids and cumbersome government utilities but also enable local authorities to generate electricity in a more cost-effective and ecologically sound manner.

To this end, the Foundation has funded a number of renewable energy projects in developing countries. Crucial to their implementation is sensitivity to market forces at each stage of the project to ensure that the resulting systems are appropriate, affordable, and economically viable for the communities they serve.

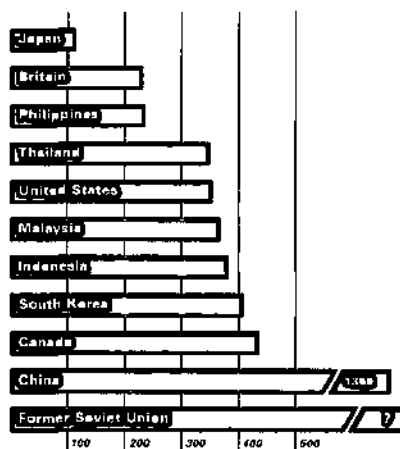
To assist with its search for environmentally and economically superior energy projects, the Foundation has created E&Co, a U.S.-based non-profit international energy investment service that identifies viable energy

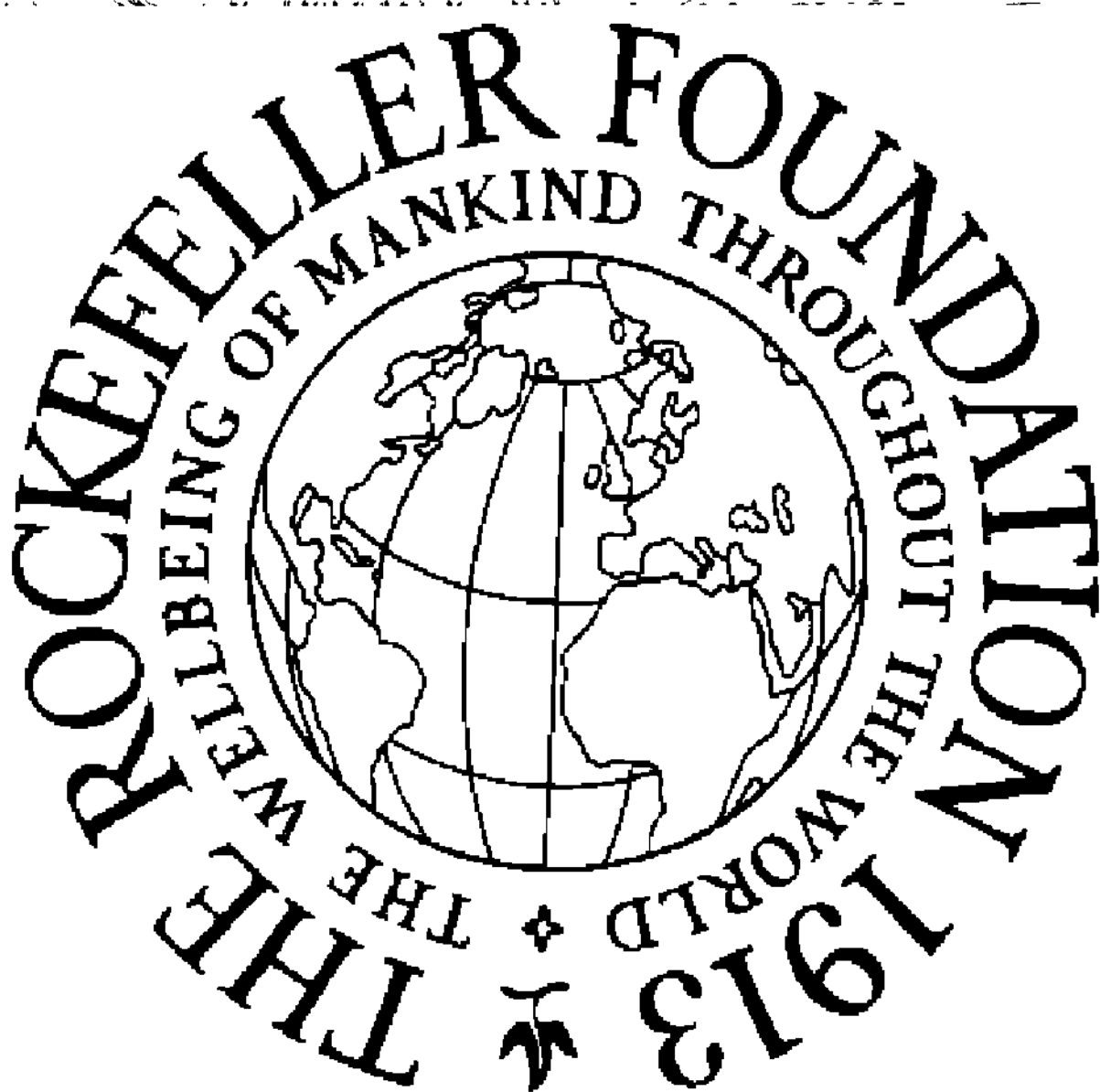
enterprises in developing countries, supports their early development with funding, technical, and financial services, and brings their projects to the attention of potential investors worldwide.

Established in 1991, the International Energy Initiative (IEI) advances the efficient production and use of energy in developing countries. IEI provides information, training, and analytical assistance to developing countries in the field of energy policy and practice. In 1994 the Foundation provided funds for specific activities of IEI. One such activity was the expansion of a successful community-based rural energy and water-supply (REWSU) pilot project from a single village in southern India to nine villages in the region. The Foundation grant is being used to construct biomass-based energy and water utilities and to train local technicians in the administration and maintenance of these systems. These nine villages will set the stage for expansion to 100 villages in the region. The Foundation is also supporting the efforts of the Indian Institute of Science to document and disseminate the results of the REWSU project.

Energy Inefficiency

Energy Consumption (equivalent in tons of oil)
Per \$ Million of GDP





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Ethanol—a transport fuel that reduces carbon dioxide emissions and is environmentally superior to gasoline, is processed here at a Copersucar plant in São Paulo, Brazil, a cooperative representing 67 producers of cane, sugar, and alcohol that processes 70 million tons of sugar cane annually

The Global Environment division has also focused on energy-efficiency projects. Since 1990 it has provided \$620,000 for the initial phase of a project in Jamaica to reduce the energy needs of both household and commercial electricity consumers. In January of 1994 the government of Jamaica signed an agreement with the Global Environment Facility and World Bank for a \$3.8 million grant to support this program along with funding from the Jamaica Public Service Company and the Inter American Development Bank. Customer contributions provide the balance necessary to fund this \$19 million program.

The Foundation also supported the efforts of Energia Global, Inc. (EGI), a company dedicated to the promotion of efficient energy practices and policies in Latin America. In partnership with Compania Nacional de Fuerza y Luz, a distribution utility, EGI is operating a residential demand-side management project focused on reducing domestic electricity consumption in Costa Rica through education, public-awareness programs, and investment in energy-saving appliances. The initial 100-home demonstration project should one day become a nationwide 23,000-home action program.

In China, tens of millions of rural residents are without electricity. In the past, the Foundation supported a project of the Solar Electric Light Fund (SELF) to provide solar-powered lighting systems—photovoltaics—to households in Gansu Province in western China. Its success led to the current Foundation-funded joint venture between SELF and the Gansu PV Company, which manufactures, sells, and installs photovoltaic systems in rural homes. If it continues to grow at its current rate, the PV market could provide electricity for lighting, televisions, and radios for the estimated 200 million to 300 million people in China who live beyond the electric grid.

Photovoltaic systems have also been installed in 200 homes in the Dominican Republic, with funds provided to Soluz, Inc. Because the cost of such a system is beyond the means of 80 percent of the rural population in the Dominican Republic, the Foundation supported Soluz by establishing a project that would provide these communities with a more affordable alternate leasing the PV systems. The operating cost of these systems is approximately half that of traditional paraffin lighting, and the systems are environmentally superior.

Another primary goal of the Foundation's energy program over the past four years has been to build institutions that encourage the transition to environmentally superior energy sources. In 1990 the Energy Foundation was established in San Francisco with funding from the Pew Charitable Trusts, the MacArthur Foundation, and the Rockefeller Foundation. A grant-making institution, its mission is to accelerate the transition to energy-efficient practices and policies in the United States. Its funding is concentrated in four areas: utility reform—specifically, uncoupling utility profits from sales volume—renewable energy sources, the construction sector, and the transport sector. The Energy Foundation has worked alongside other organizations, including the Alliance to Save Energy, the American Council for an Energy-Efficient Economy, and the American Institute of Architects/Association of Collegiate Schools of Architecture.

Total CO₂ emissions in Brazil are reduced by 18 percent because ethanol substitutes for gasoline and surplus bagasse replaces fuel oil. Here workers tend young cane stalks, a first step in producing this alternative energy source.



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More than two billion people depend on rice as their primary food source. This number is expected to double by the year 2050. To meet this food-production challenge, in 1984 the Foundation initiated the International Rice Biotechnology program. The initiative has two goals: increasing the yield of Asian rice fields by 20 percent by 2005 without degrading the soil and building the scientific capacity for using biotechnology to meet future food needs in the developing world. In China, India, Korea, and Thailand, biotechnology is already firmly established, and the Foundation's goal is to help those countries generate their own solutions for the future. In other developing countries in Asia and Africa, scientific capacity must be enhanced by making effective use of products and technologies developed elsewhere.

Extensive progress has been made. The results of the first round of research into wide hybridization are now reaching farmers' fields. Wide hybridization allows cross-fertilization between normally incompatible varieties of cultivated and wild rice, the latter being an abundant source of hitherto unexploited useful genes. This has resulted in significantly enhanced resistance to major pests and diseases as well as higher yield potential, and has contributed to an important new accomplishment. Scientists at the International Rice Research Institute in the Philippines (IRRI) have developed a new type of rice capable of boosting yields by 25 percent. With a 30-year plateau in the maximum-yield potential of rice now broken, the first varieties of this new plant type should be available in about five years.

In the program's early years, researchers set about creating molecular genetic maps and markers both of rice and the chief pathogens that traditionally attack the rice crop. The rice map now has more than 600 markers and has been useful in generating rice with durable resistance to major pathogens. Scientists at Purdue University have determined that the fungus that causes blast disease—a major scourge for rice

farmers—exists as discrete genetic lineages. Using the blast markers from Purdue with rice DNA markers provided by Cornell University, the International Center for Tropical Agriculture (CIAT) in Colombia has demonstrated that two varieties of rice with the right combinations of blast-resistant genes provide effective, stable resistance against all six of the blast lineages present in Colombia.

One of the most powerful new biotechnologies is genetic engineering. Transferring genes from other species to rice can obviate the need for chemical pesticides, for the labor involved in hybrid seed production, and for other inputs. Numerous genetically engineered plants are now in greenhouse testing. The Scripps Research Institute, the John Innes Center in the United Kingdom, Tokyo University, IRRI, and Kasetsart University in Thailand offer training programs in the necessary laboratory techniques that enable trainees to take the technology back to their home institutions.

The Foundation also assists developing countries in considering biosafety issues connected with the prospective release of genetically engineered rice plants. In addition to providing individual training programs for those with biosafety responsibilities, the Foundation supports the Stockholm Environment Institute's new Biosafety Advisory Commission, which serves as an independent source of advice on biosafety.

Since 1988 the Foundation has provided assistance to increase Malawi smallholders' maize production. While traditional flint varieties have a hard kernel that stores well, withstands insect attacks, and grinds properly into meal for porridge, its yields are poor. Higher-yield dent hybrids have resulted in mealy kernels that stored poorly and produced an inferior ground product and have not been accepted by smallholders.

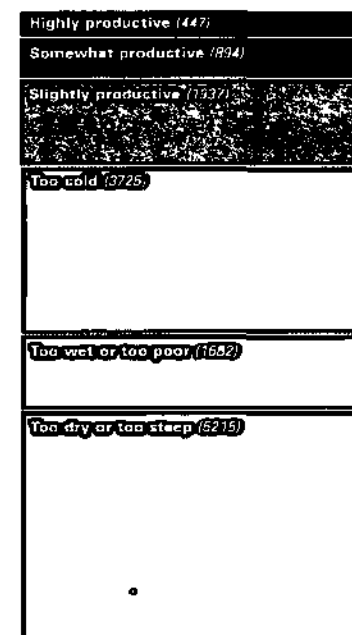
In 1990 scientists from the Malawi maize-improvement team created two new higher-yield semi-flint hybrids that overcame this limitation, but farmers

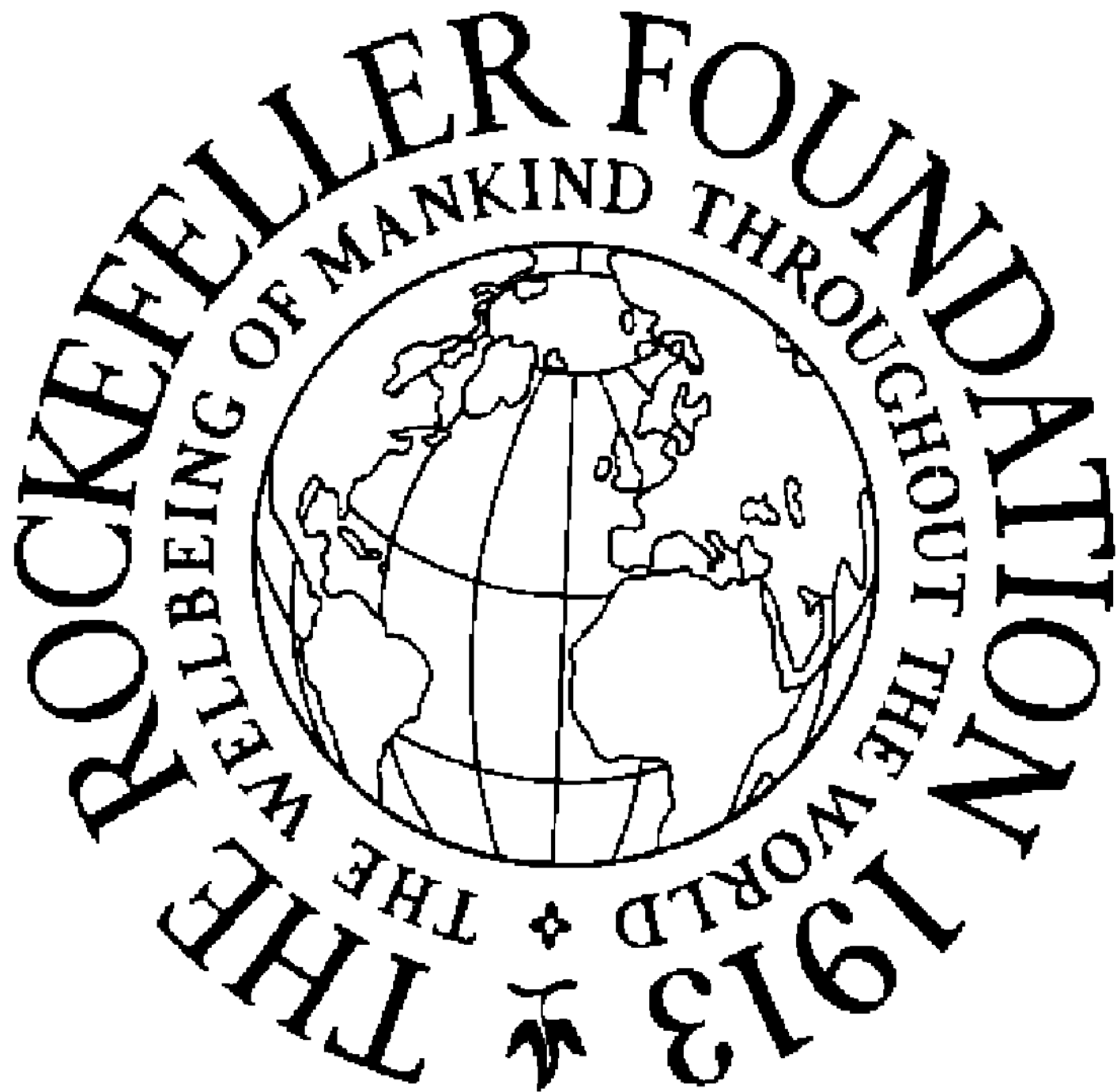
still produce yields far below their full potential. Researchers are investigating the problem through soil analysis, agroforestry practices, weeding at different points of crop maturity, and pest and disease damage measurement. The contributions of location-specific fertilizer application are also being examined through a program initiated in 1994 by the Ministry of Agriculture. A network of researchers is continuing to address soil fertility problems in maize production, with emphasis now placed on maintaining soil organic matter and providing plant nutrients at low cost.

The Forum on Agricultural Resource Husbandry strengthens graduate education in Kenya, Malawi, Uganda, and Zimbabwe. It awards grants on a competitive basis for master's degree students to conduct problem-oriented soil and crop management field research. Projects must have an explicit link to a government research or policy-making institution, a farmer organization, or an international research network. Forum activity has developed rapidly, and in September, 35 participants from eight universities met in Kampala, Uganda, to share progress reports.

Agricultural Potential of Global Land

Potential Crop Productivity
(million hectares)





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Advances in rice biotechnology will permit Indonesia to continue feeding itself without (1) expanding agricultural land in production or (2) degrading the environment—in a country whose population has more than doubled over the last 30 years. Pictured here are Balinese rice terraces.



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Health Sciences

In the developing world, community health depends less on specialized physicians, CAT scans, and new series antibiotics than on trained field workers, clean water, and, most important, education—the education of health providers and recipients. Community education wields a power no high-tech medicine can match—the power to instill habits of precaution and prevention. The Foundation’s Health Sciences division is thus committed to advancing population-based health.

One initiative furthering this goal is Public Health Schools Without Walls (PHSWOW), a local two-year, degree-granting program that trains public health practitioners in select countries in sub-Saharan Africa that lack personnel with the specific skills to implement critical public health programs. The course is designed and managed jointly by each country’s Ministry of Health and national university. Students spend 25 percent of their time in classroom instruction; most of their training occurs in field-based apprenticeships.

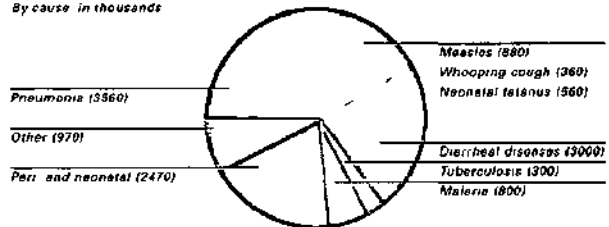
In 1992, when PHSWOW was introduced in Zimbabwe, there was not one graduate-level public health training program in Southern Africa. Now, faculty of Zimbabwe’s PHSWOW have assisted their Ugandan colleagues in launching a program at Makerere University in Kampala. The flexibility of PHSWOW has enabled the Ugandans to tailor the

program to their specific needs—in a country where nearly 90 percent of the population lives in rural areas and the infrastructure is poor.

In 1980 the Foundation initiated the International Clinical Epidemiology Network (INCLEN), which seeks to introduce and teach clinical epidemiology as the basis for improving the quality and relevance of clinical services. In the first decade, more than 300 fellows were trained at institutions in Canada, the United States, and Australia, while clinical epidemiology units were set up at 27 medical schools in 16 developing countries. During the second phase of INCLEN, which has been under way for three years, teaching responsibilities were transferred to select units in the South. Six institutions—Pontificia Universidad Javeriana in Colombia, Escola Paulista de Medicina in Brazil, Universidad de la Frontera in Chile, the University of the Philippines, Gadjah Mada University in Indonesia, and a consortium of three universities in Thailand—are now providing master’s level training to medical personnel from their own and neighboring countries. A number of other units are preparing to initiate training programs.

Deaths Under Age 5

By cause in thousands



Population-based health care includes vaccination against childhood disease at a clinic in Nairobi, Kenya.

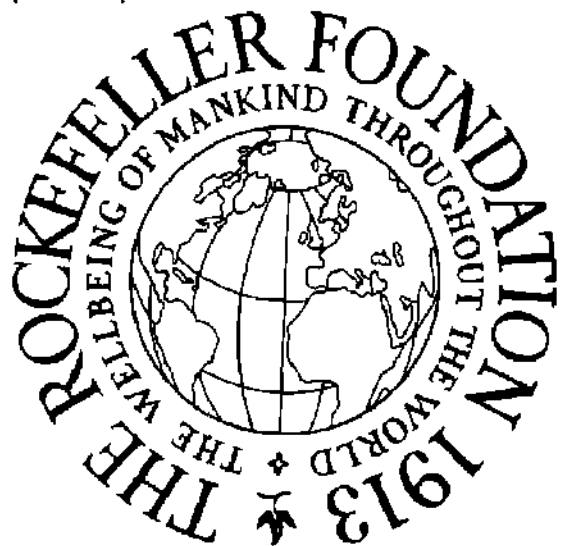
Improved public health technologies have been critical to the major gains in life expectancy and health status achieved this century. Vaccines are one of the most cost-effective and important tools. Although a large percentage of the world's children receive vaccination, a full course of immunization still requires five or more visits to health providers. Since 1991 the Foundation has worked through the Children's Vaccine Initiative (CVI) with a consortium of international agencies to improve currently available vaccines, develop added protection against other childhood killers, and devise simpler dosing schedules. The ultimate goal is to provide a one shot oral vaccine against all childhood infectious diseases. A recent success was the discovery that incorporating deuterium oxide into the oral polio vaccine greatly increases its stability. This breakthrough will assist in eradicating polio by the year 2000, a major goal of the global health community.

Health technologies must not only be appropriate, they must also be available and affordable. In an effort to help developing countries manufacture their own vaccines using the most up-to-date methods, the Foundation has supported several transfer-of-technology initiatives. For example, VECOL (Empresa Colombiana de Productos Veterinarios S.A.) in Bogotá, Colombia, has success-

fully produced a rabies vaccine for animals using a process that involves an ultra high-density tissue culture. VECOL is now producing and testing a human rabies vaccine, a step that would make this life-saving treatment readily available and affordable to other countries in Latin America.

The Foundation's work on sexually transmitted disease/AIDS prevention has also been advanced by focusing on improved technologies. Sexually transmitted diseases (STDs) are a serious health problem throughout the world, and diagnosing women in time for effective intervention has been particularly difficult. In February, the Health Sciences division announced the STD Diagnostics Challenge, the Foundation's first Science for Development Prize. The \$1 million prize will be awarded to whoever develops a reliable and inexpensive diagnostic test for gonorrhea and chlamydia that can be made widely available in developing nations; extensive media coverage of the STD challenge has resulted in more than 350 inquiries from some 20 countries.

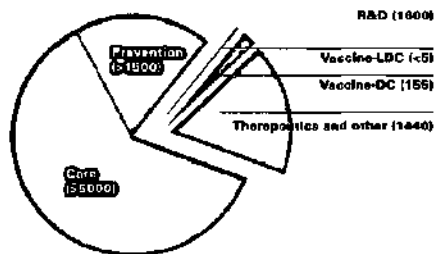
More than 90 percent of new HIV infections occur in developing countries. A Foundation-sponsored meeting at the Bellagio Center—attended by representatives of industry, science, and academia from 12 countries—explored how the development of an AIDS vaccine can be accelerated and reconfigured to incorporate the virus strains most prevalent in these hard-hit areas. They concluded that a new global initiative is necessary to redress market failures in the product development of HIV vaccines.



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Worldwide Annual Expenditures on HIV/AIDS

(Millions of dollars)



Vaccines are among the most cost-effective public health tools and represent the best hope of controlling the AIDS epidemic. Yet total R&D spending on AIDS vaccines is less than 10% of all funds dedicated to AIDS research. Furthermore, vaccine research targeted at developing countries is less than 0.5% of overall AIDS R&D despite the overwhelming disease burden in developing countries.

More than 90 percent of new HIV infections occur in the developing world here a mother visits her AIDS-afflicted son at a military hospital in Chiang Mai, Thailand.



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Population Sciences

The world population—currently 5.6 billion people—has doubled since 1950, when births outstripped deaths by 37 million. In 1993 the net population gain was 87 million, roughly equal to the population of Mexico. The United Nations medium population projection shows the world population reaching 8.9 billion by 2030, and leveling off at 11.5 billion around 2150.

Caught in a rapidly shrinking global environment, the world's population can no longer be measured simply in terms of size, density, birthrate, age, or gender. Synchronizing population growth with the rate at which the planet's natural resources are being depleted and polluted is one of the most urgent problems we face today. And a realistic analysis must also consider available resources, the social implications of gender, and structures of power.

In September 1994 the United Nations held its highly publicized and successful International Conference on Population and Development in Cairo. The Program of Action that emerged from the conference—a call for a dramatic increase in high-quality reproductive health care and family planning services—parallels the strategy and priorities formulated by the Foundation's Population Sciences division. Currently, at least 120 million women who want access to good family planning and reproductive health services are frustrated in their intentions because, for them, these services simply do not exist. With such rapidly growing demand, the Cairo Program of Action estimated that \$1.7 billion annually would be needed by the year 2000 and \$21.7 billion by the year 2015.

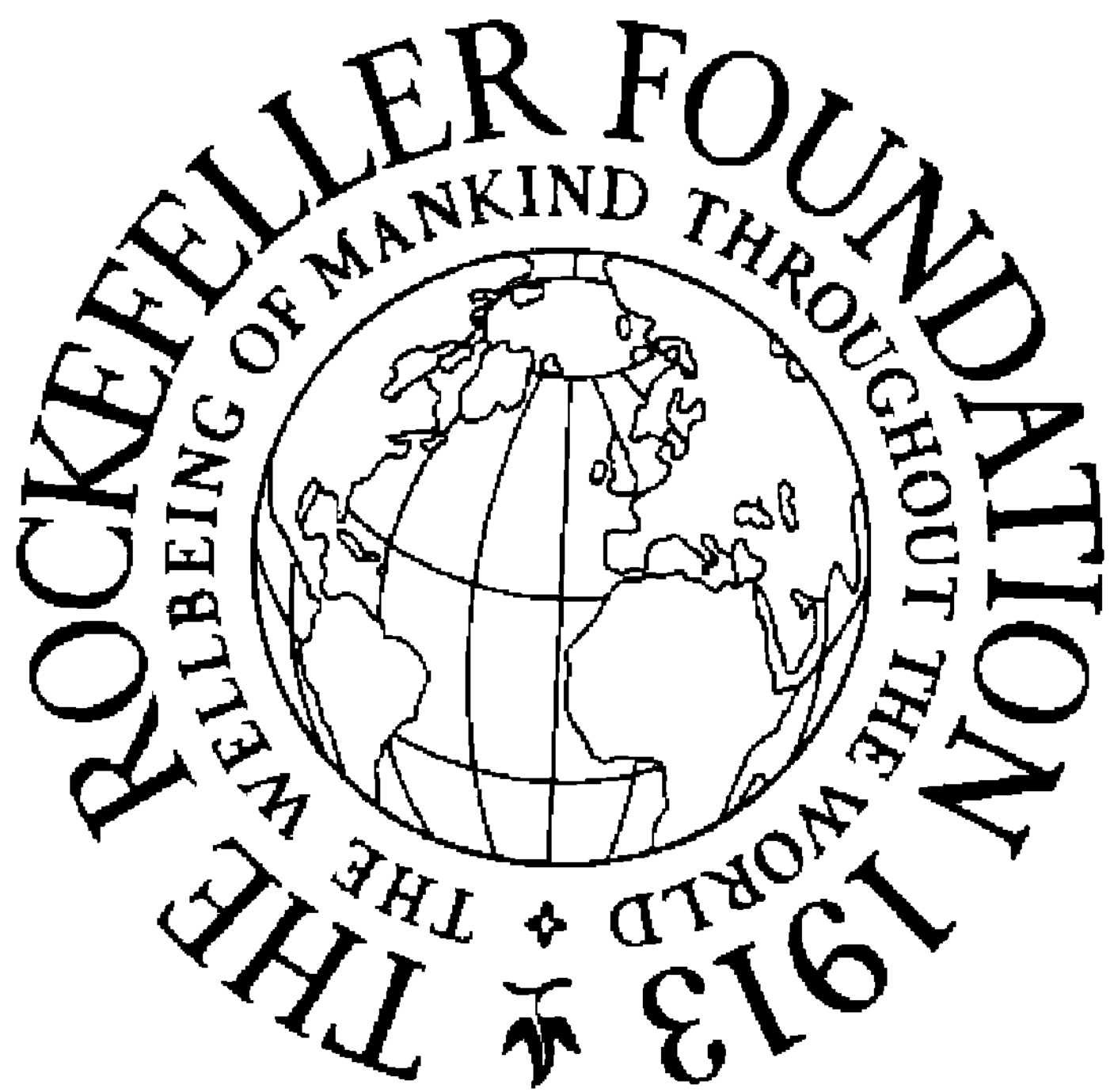
The Population Sciences division has developed a three-pronged approach to mobilizing resources of reproductive health services in the developing world. First, it seeks to advance a second contraceptive revolution by expanding the birth control options available to women and men. Second, it supports programs aimed at improving the quality and availability of reproductive health services in sub-Saharan Africa and South Asia, with special emphasis on the needs of adolescents.

Finally, the division has expanded its support for policy dialogue and research. In 1994 it set aside \$5.3 million to support dialogue and research on such issues as improving understanding of the unmet demand for contraception and reproductive health services and evaluation of the relative contributions of family planning and reproductive health programs, formal and informal communication, and government policies in determining patterns of fertility.

In New Delhi, India, home visits that focus on family planning and women's reproductive health are administered by Prerana, an innovative community-based organization particularly concerned with delivery of health services to women, young girls, and children—a subject of Foundation research.



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Indonesia has played a leading role in the Foundation-sponsored program Partners in Population and Development. Pictured here, a rural health clinic in Bah provides local women with quality family planning and reproductive health care services.

These funds are also enabling social scientists to explore the immediate and far-reaching effects of social and economic structural changes on fertility, identify measures to contain costs and improve the efficiency of current programs, and document the effect that changes in the fertility rate can be expected to have on the economic welfare of families and their ability to educate their children. These efforts are designed to help policymakers develop and implement policies that are effective both in responding to the reproductive needs of individuals and in achieving a sustainable balance between resources and population growth.

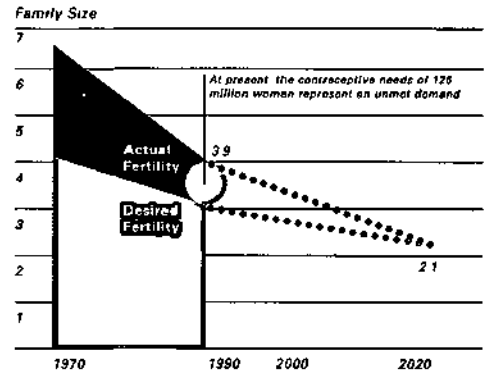
A significant portion of these funds—\$1.3 million—was earmarked for policy research in sub-Saharan Africa, the only region in which unmet demand for contraception is still growing. These funds will enable the Nairobi regional office of the Population Council to establish a research center for studies on the underlying reasons for unmet demand, with particular emphasis on the falling birthrate in Kenya and elsewhere in Africa. The funds will also continue to support field research in West Africa at the Navrongo Community Health and Family Planning Project in Ghana, where an evaluation of the effectiveness of various family planning approaches in poor areas is under way. In addition, these funds will encourage social scientists in Africa to undertake research through a small grants program administered by the Union for African Population Studies in Dakar, Senegal.

The Foundation has also made it possible for experts who have instituted successful reproductive health and family planning programs in one country to carry on policy dialogues with their colleagues in other developing countries.

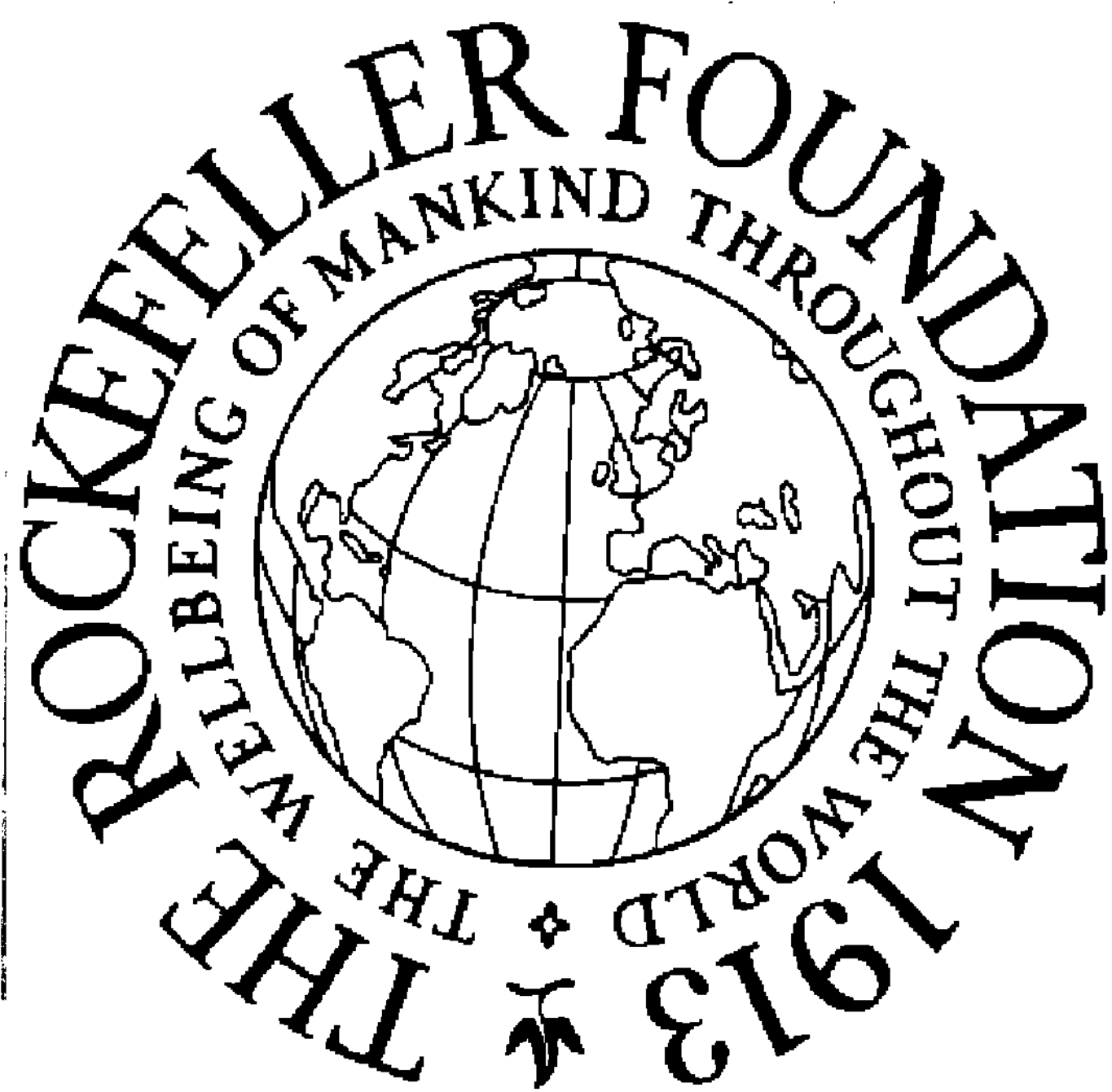
One such initiative, known as Partners in Population and Development, grew out of meetings held in 1993 and 1994 at the Bellagio Center, a Foundation-sponsored gathering place for creative thinkers, artists, policymakers, and scientists. Partners in Population and Development currently has 10 member countries.

In 1994 the Foundation engaged communications experts to assist Partner countries such as Bangladesh, Egypt, Kenya, and Indonesia in disseminating their strategies for successful population programs. One such venue was the Cairo conference. Funding was also given to nongovernmental agencies in both industrialized and developing countries to follow up on the recommendations made at Cairo and lay the groundwork for future conferences, such as the 1995 United Nations Social Summit in Copenhagen and the Fourth World Conference on Women in Beijing.

The Road to Population Stabilization



The chart shows the remarkable progress that has been made in the population field over the past 25 years—and the challenge that lies ahead. In the developing world the average number of children per family has declined from six to fewer than four, or more than halfway to “replacement level”—the number needed for eventual population stabilization. The gap between desired and actual fertility has narrowed from two children to one, but it is yet to be closed. For some 125 million women there is still an “unmet demand” for contraception.



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Eliminating gender bias and strengthening female education are the primary focus of the Foundation program Female Participation in African Education. Pictured here are students at the Kiara Ridge School in Nairobi, Kenya.

African Initiatives

Africa lags behind in its efforts to adapt to a changing and increasingly technological world. Only a steady reinforcement of human resources will enable the countries of the continent to compete. Closing the gender gap in education will help to empower more than half of the population. Improved teaching of science and technology and the training of more and better natural and social scientists are vital. Sharpening the skills of professional economists is yet another important challenge.

Under the auspices of the Donors to African Education (DAE) Task Force, the Foundation supports 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, 12 DAE agencies are supporting Africa's first competitive regionwide research grants program designed to identify the reasons for the low enrollment and high dropout rates among school-age girls and to come up with effective interventions.

The Forum for African Women Educationalists (FAWE), an international nongovernment organization (NGO) based in Nairobi, Kenya, comprises 28 women cabinet ministers and university vice chancellors from 22 countries. Established three years ago, the organization has had a significant influence on the educational policies of many African countries. The Forum seeks to eliminate gender bias in African education and, to that end, mobilizes local and international resources. FAWE is collaborating with two new subcommittees of the DAE working group on female education—one to strengthen the role of NGOs in promoting education for girls, the other to enrich girls' education, particularly in science and math. During 1994, FAWE established 14 national chapters across Africa.

The Foundation will also buttress 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.

If the continent's children are to be prepared to manage the future wisely, they must understand the practical applications of science and technology in their everyday lives. Through the competitive disbursement of small grants, the Foundation has supported a broad range of approaches in 17 countries. These include a hands-on science-oriented summer camp in Zanzibar, a publication on health and the environment for primary-school children in Zimbabwe, a classroom-based paper recycling project where children produce exercise books, maps, charts, and globes in Malawi, and a puppetry project whose characters bring lessons in science and technology to school-age children in South Africa's townships. In 1994 the Forum sponsored a meeting of children's print-

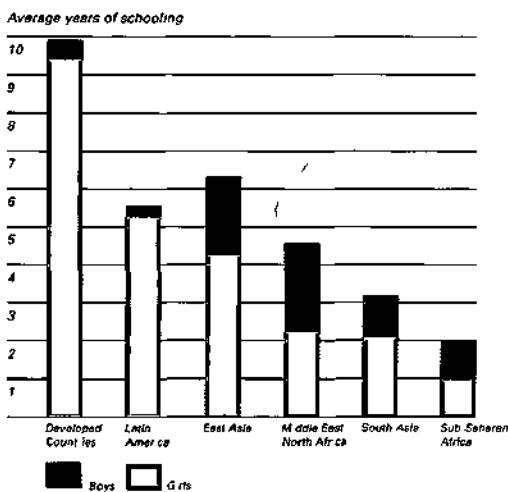
media specialists—artists, editors, illustrators, and publishers—to encourage lower-cost production methods, subsidize local distribution, and guide overseas promotion and marketing of children's publications. Special attention is given to promoting the scientific literacy of girls.

Africa's need for professional economists is acute, and the African Economic Research Consortium provides research and training opportunities that universities in Africa are currently unable to offer. Building on earlier work by Canada's International Development Research Centre, the Consortium was launched in 1988 by the Foundation and nine other donors. It funds research teams in 25 sub-Saharan countries as well as a variety of training fellowship programs.

Another activity of African Initiatives is the African Dissertation Internship Awards (ADIA) program. Its objective is to enhance the applicability, relevance, and quality of doctoral training for Africans studying at North American universities, particularly in the fields of science and technology. Since 1987, the ADIA program has produced an influential pool of natural and social scientists trained to work in Africa. To date, 193 internships have been awarded. This year the program was expanded to include a career-development component for ADIA fellows, encouraging them to return to Africa after graduation and to apply their expertise to issues of critical national importance.

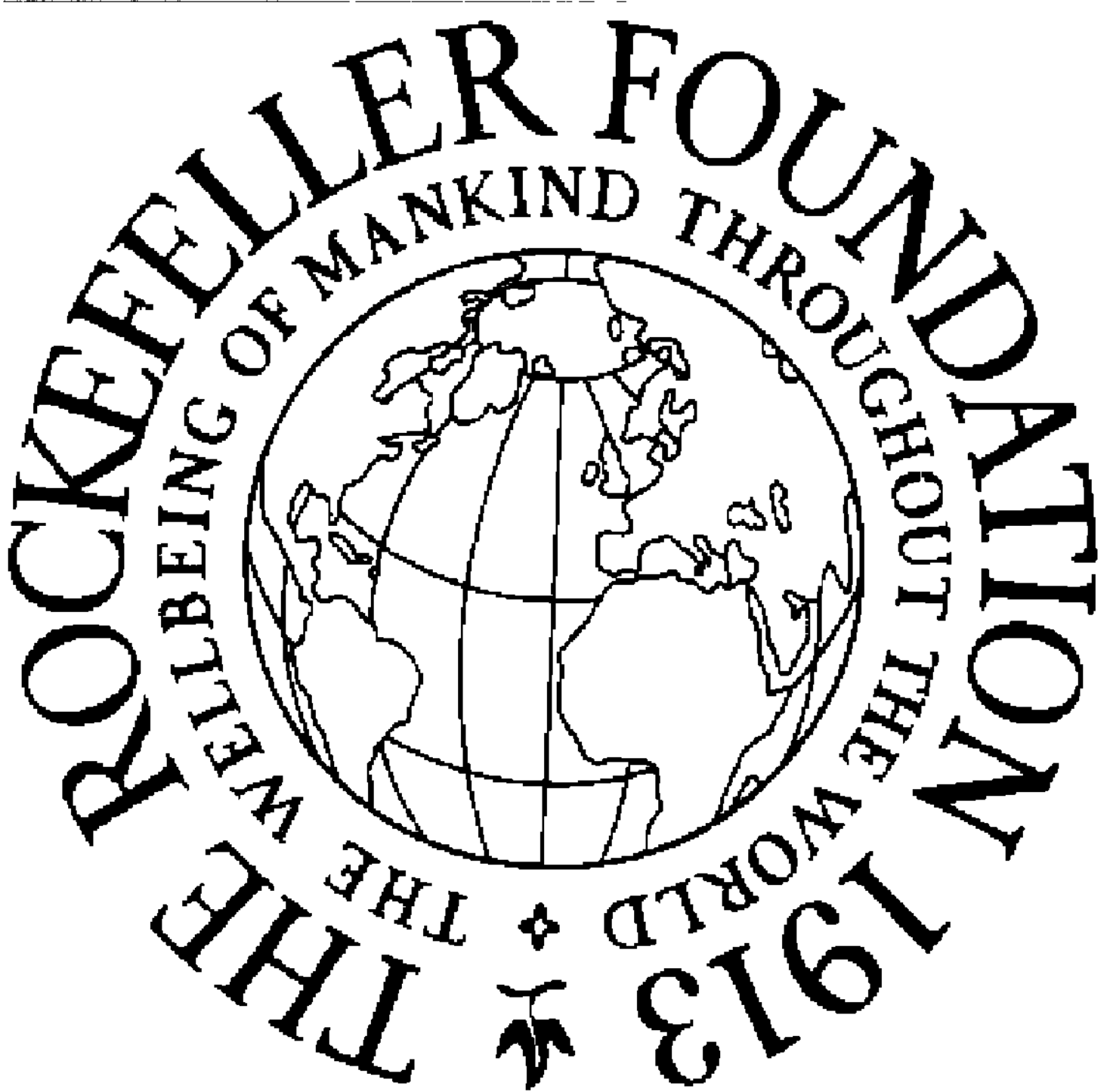
Gender Gap in Educational Attainment

By region



If you want to understand another
culture, observe its dances.
Read its stories, look at its paintings
and listen to its songs.

In this way, you will discover
the meaning of identity, diversity,
interdependence, and tradition.
You will discover respect
for what is different. And in the end,
it will not matter
that the languages you speak
are not the same.



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ARTS AND HUMANITIES

Arts and Humanities

The arts and humanities have always played a vital role in the life and success of great societies, large and small. They provide a shared language across economic and social barriers. They are often the lasting measure of the spirit and quality of a people. They are a source of solidarity and pride, and in hard times they can provide stimulus, courage, and comfort. They always provide commentary and critique on human events.

The work of scholars and artists can help to illuminate cultural similarities and differences and foster respect for diversity. In 1994 the Arts and Humanities division helped artists and scholars and their institutions reach out across the divides that can polarize communities and separate people: divides of class, culture, ethnicity, generation, geography, and tradition. Much of this work is experimental, as it grapples with complex perceptions of culture and deeply rooted beliefs.

For example, the Resident Humanities Fellowship Program supports innovative scholars, promotes interdisciplinary and cross-cultural dialogue, and facilitates the transfer of scholarly work from the academic world to the lay society. Since 1983 the Foundation has committed approximately \$22.5 million to this fellowship program, enabling 500 scholars to work at 83 host institutions selected through annual competitions.

In 1994, nine new locations—both domestic and international—were chosen to host fellowships scheduled to take place between 1995 and 1998. One such location is the Northwest Center for Comparative American Cultures and Race Relations at Washington State University. The Center will promote comparative studies of ethnic cultures in Alaska, Canada, and the Pacific Northwest. Another site is the Cuban Research Institute at Florida International University. There visiting humanists will study the issues of identity, reconciliation, and sovereignty within the context of Cuban intellectual and cultural traditions. The Núcleo de Estudos da Violência at the Universidade de São Paulo, Brazil, will host a research program that examines contemporary violence and resistance to human rights in relation to Brazil's legacy of authoritarianism.

Since 1990 the Foundation has supported performing arts festivals, recognizing that these events can combine artistic forms expressed through theater, music, and dance to provide insights into diverse cultures and customs. For instance, the American Festival Project (AFP) at Appalshop in Whitesburg, Kentucky, is a national coalition of artists who confront the issues of intolerance, poverty, and race. AFP is developing new models for increasing cultural respect and communication by bringing groups of artists from different regions of the country into contact with one another to explore social issues. The residencies include art exhibits, film screenings, programs in the humanities, and performances and workshops that demonstrate the power of culture to break down barriers. Another endeavor is the cultural festival

on environmental racism being developed by Junebug Productions, Inc., in New Orleans. Focused on the indigent African-American residents of the badly polluted stretch along the Mississippi River between Baton Rouge and New Orleans—which also has the nation's highest incidence of cancer—the festival's performances and community dialogues are intended to raise awareness and inspire action in the broader community concerning these politically charged issues.

While the Festival Fund promotes dialogue and an understanding of cultural differences through interdisciplinary festivals, the Multi-Arts Production Fund (MAP) encourages artists to grapple with the complex issues of conflict of values, empowerment, and identity. Since its inception in 1988, MAP has become an important source of support for performing artists engaged in creating new works. In 1994, 34 awards were made in sums ranging from \$10,000 to \$50,000. Grantees include the Cornerstone Theater Company in Santa Monica, which is producing a bilingual musical in collaboration with members of the San Miguel Latino Community in Watts, Miami-Dade Community College, which will bring together local and national artists' organizations to produce work that addresses the tension between African-American and Haitian-American communities in south Florida, and the Seven Stages Theater in Atlanta, whose play will explore the issue of mortality from different generational perspectives.

Humanist scholars Cornel West and Henry Louis Gates Jr. in conversation at a public event in conjunction with the Whitney Museum's exhibition Black Male: Representations of Masculinity in Contemporary American Art—funded in part by the Foundation.



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The program Understanding Cultures Through Museums supports exhibitions that encourage conversations on issues of multiculturalism. Artwork funded by the 19 awards granted in 1994 gives vivid expression to the cultural diversity of artists who have lived and worked in the United States. Among the exhibitions funded were the Smithsonian Institution's "An Ocean Apart: Vietnamese Contemporary Art from the United States and Vietnam" and the Bronx Museum's "Beyond the Border: Art by Recent Immigrants." Also funded was a collaboration between the Federation of State Humanities Councils and the Smithsonian Institution's Traveling Exhibit Service (SITES) to tour "Produce for Victory: Posters and the American Home Front, 1941-45," which examines the use of art as propaganda and will travel to 25 rural communities throughout the country. Public programs such as discussions, lectures, and oral history projects will accompany the show and will include the stories of marginalized groups that also played a part in the war effort.

As part of its broadened international programming, the Arts and Humanities division also supports cultural and intellectual institutions in a number of African and Muslim settings. The program is intended to enhance the roles these institutions play in public discussion and debate. The program also seeks to build collaborative work among such institutions from different regions of the world to enable them to advance one another's work and ideas. A grant to Women Living Under Muslim Laws, for instance, will be used to strengthen links among the various groups of this women's organization that have joined to form an international network. Other explorations may lead to a series of exchanges among writers, artists, and scholars across Muslim regions. In its work within sub-Saharan Africa, the division has supported institutions that have been particularly active in sustain-

ing open debate, including museums, private radio stations, and indigenous publishing houses.

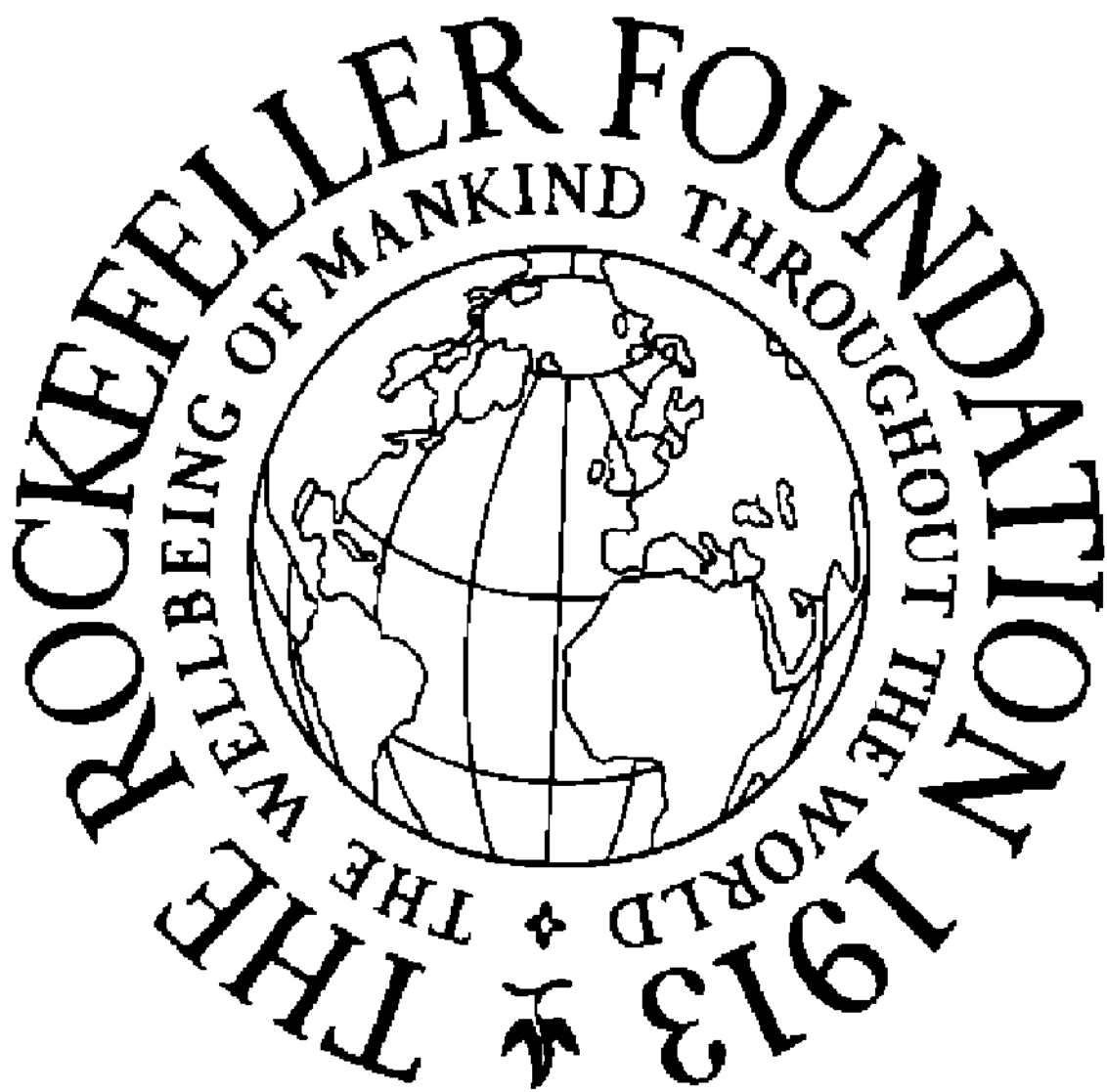
In the past year, the division's new strategy, "Understanding and Negotiating Difference Across Changing Societies," has expanded its funding domain to encompass several new areas. These include a grant to the Cambodian Network Council to create an artists' mentoring project at the Royal University of Fine Arts in Phnom Penh for the purpose of recovering traditional dance forms, a grant to the United States Holocaust Memorial Council for a research project that examines the legacy of absence in the aftermath of social and cultural destruction, and a grant to the World Conference on Religion and Peace for an international initiative on religious cooperation and conflict resolution in Sri Lanka and South Africa.

Other new domestic initiatives include The Common Enterprise (TCE) and Partnerships Addressing Community Tension (PACT), which support community problem-solving efforts initiated by local partnerships. TCE searches out communities that are ready to engage in consensus building around specific, often fiercely divisive issues. PACT identifies communities that are already engaged in community building efforts that merit ongoing support.



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No Anunciar, a print by Mexican artist Adriana Cecebero was featured in an exhibition Imagenes de la Frontera: Monotypia (Monotype Images of the Border) at Self Help Graphics in Los Angeles. The exhibition was partially funded by the Museum Program.



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Equal opportunity is not
an issue of black and white,
brown and yellow, rich and poor,
them and us.

It does not take place
in someone else's neighborhood;
it does not affect
someone else's children.

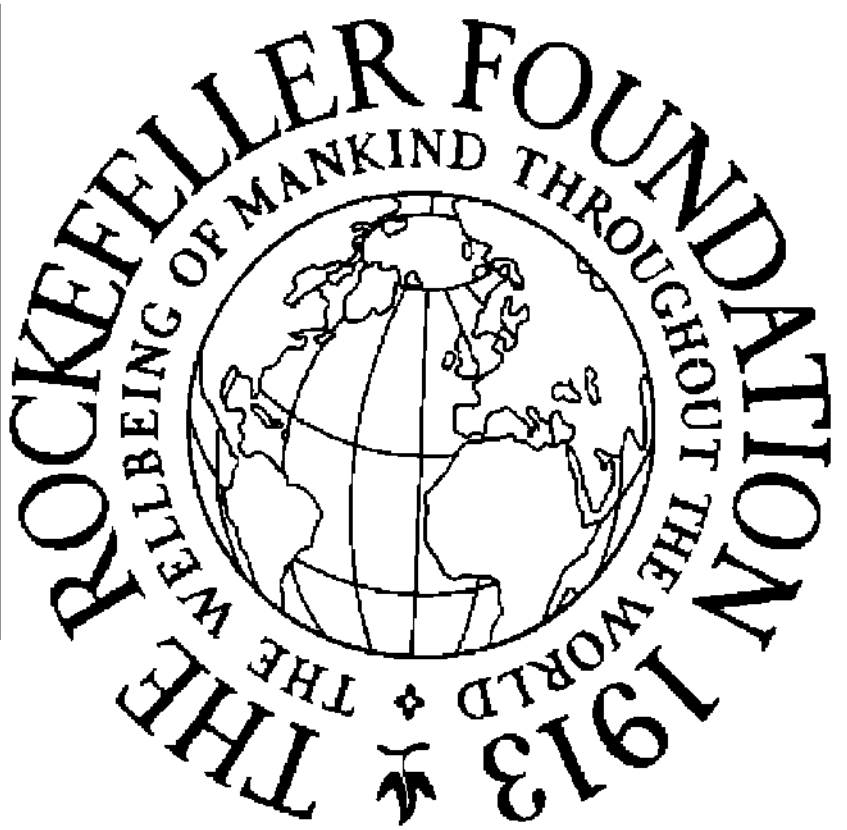
Equal opportunity is about
the quality of life in America.

It is about the culture of
our country.

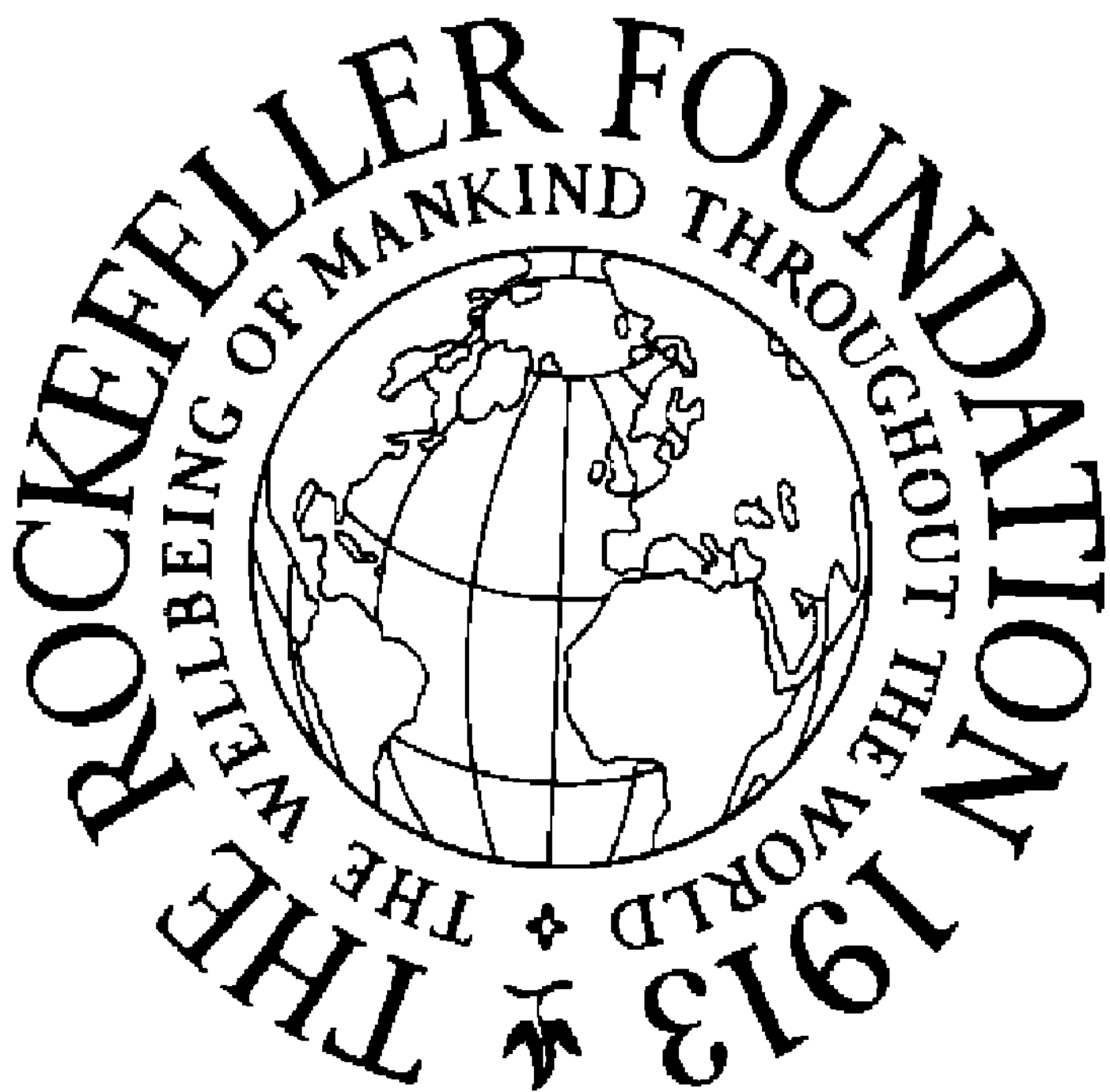
It is about our future
and our children's future.

It is not about
someone else's self-respect.

It is about our own.



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Equal Opportunity

The Equal Opportunity division seeks to foster self-sufficiency among the urban poor, and to secure and protect the basic rights of minorities in the United States. Building on the knowledge gained from previous efforts to understand and combat persistent poverty, the division is seeking ways to connect to the world of work the 10.5 million working-age people in the United States who now live in urban areas of concentrated poverty.

This new strategy is informed by the realities the urban poor face, including erosion of the low-wage labor market, the limited effectiveness of training programs to provide jobs for their graduates, and the racism and discrimination that continue to be major obstacles in the lives of people who are caught in the cycle of chronic poverty.

Economic opportunity, however, does not occur in isolation. It must be supported and nourished by communities that endorse the work effort by providing networks, relationships, and values that emphasize mutual obligation and responsibility.

The task of promoting self-sufficiency has three components: stimulating research and informing policy on the consequences of macroeconomic shifts for those at the bottom of the economic ladder, testing promising ways of creating job opportunities for the urban poor, and bolstering community-building efforts that support residents' efforts to find work and enhance their job opportunities.

The debate over antipoverty strategies could be advanced by focusing research on macroeconomic and demographic trends that explain why there has been such a marked deterioration in the labor market for low-skilled workers. The Foundation is collaborating with the Russell Sage Foundation on the Future of Work, a research effort that examines the causes of decline in the demand for

low-skilled workers. The project also examines the future course of these trends, noting the high social cost of unemployment. And it seeks to devise new and effective labor-market policies that will improve both the employment and the earnings of these workers.

In an exploratory effort to create job opportunities, the Foundation approved \$430,000 in 1994 to implement and evaluate the New York City Neighborhood Entrepreneurs Employment Project, a joint initiative involving the New York City Department of Housing Preservation and Development and the New York City Housing Partnership. This pilot program seeks to create incentives for local real estate entrepreneurs to hire formerly homeless tenants. The partnership will make available a number of new private-sector jobs in property management, construction, and rehabilitation to tenants living in 1,000 units of city-owned housing now scheduled for renovation and sale to private "neighborhood entrepreneurs."

Carefully chosen forms of publicly subsidized employment have the potential to fill gaps in the private labor market. In 1994 the Foundation funded two such projects in Wisconsin—a state that will eliminate welfare by 1999—to test whether creating paid community-service jobs is an effective strategy for people who cannot find work in the private market.

In August, the Foundation invested \$100,000 in Work for Wisconsin, Inc., a nonprofit, nonpartisan organization that will implement a large scale program of community-service jobs in Milwaukee. The plan, to be completed in 1995, is being developed by a broad coalition of unions, community groups, and public officials.

In December, the Foundation provided support for the New Hope Project, a three-year demonstration project in Milwaukee that is designed to serve as an alternative to welfare. Participants must work full-time to receive benefits and must live in one of two targeted neighborhoods in order to be eligible for assistance.

New Hope is unique in that it has two goals that distinguish it from other national demonstration projects: rewarding participants' work with sufficient wages and benefits to raise them above the poverty line and guaranteeing these workers community-service jobs if they are unable to find work in the private sector.

The National Community Development Initiative (NCDI), in its fourth year, is an example of how residents of poor urban communities can rebuild their neighborhoods with professional competence. NCDI—a partnership of 10 major corporate and private foundations as well as the United States Department of Housing and Urban Development (HUD)—channels funds through the Local Initiatives Support Corporation and The Enterprise Foundation to community development corporations in 23 major cities throughout the country. The initiative stimulates the process of community revitalization by accelerating the growth of community development corporations, which create local leadership and invest in the physical and social infrastructure of their communities.

Pictured: a resident of Trenton Park in Washington D.C., who has regained full time employment as a result of his community's revitalization as a part of the NCDI consortium.



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The Foundation continues to fund the Urban Strategies Council in Oakland, which focuses on rebuilding communities through child- and family-centered policies. The Council has achieved exceptional results in its target communities. The Foundation is funding the Council as a means of exploring the feasibility of creating a National Community Building Support Center that would assist other communities in developing the skills necessary to manage sustainable and equitable local development.

In protecting basic rights, the division funds work that focuses on national issues with important consequences for minority groups in the United States. Since 1980 the division has provided support to more than 25 civil rights groups whose advocacy and litigation have brought about a more effective implementation of the Voting Rights Act than that which existed in the past. Recent court decisions challenging Voting Rights remedies proposed in redistricting cases threaten the newly won seats of elected minority representatives in various legislative bodies. The Foundation has therefore appropriated \$300,000 to support the efforts of

organizations responding to this challenge as cases advance from the various lower courts all the way to the Supreme Court. Among these are the American Civil Liberties Union, the Lawyers' Committee for Civil Rights Under Law, the Mexican American Legal Defense and Education Fund, and the Southern Regional Council. The Foundation has also renewed a second cycle of five year funding for the Mexican American Legal Defense and Education Fund, continued support for the Native American Rights Fund's Human Rights project, and provided the last of three two year grants for the Poverty and Race Research Action Council in Washington, D.C.

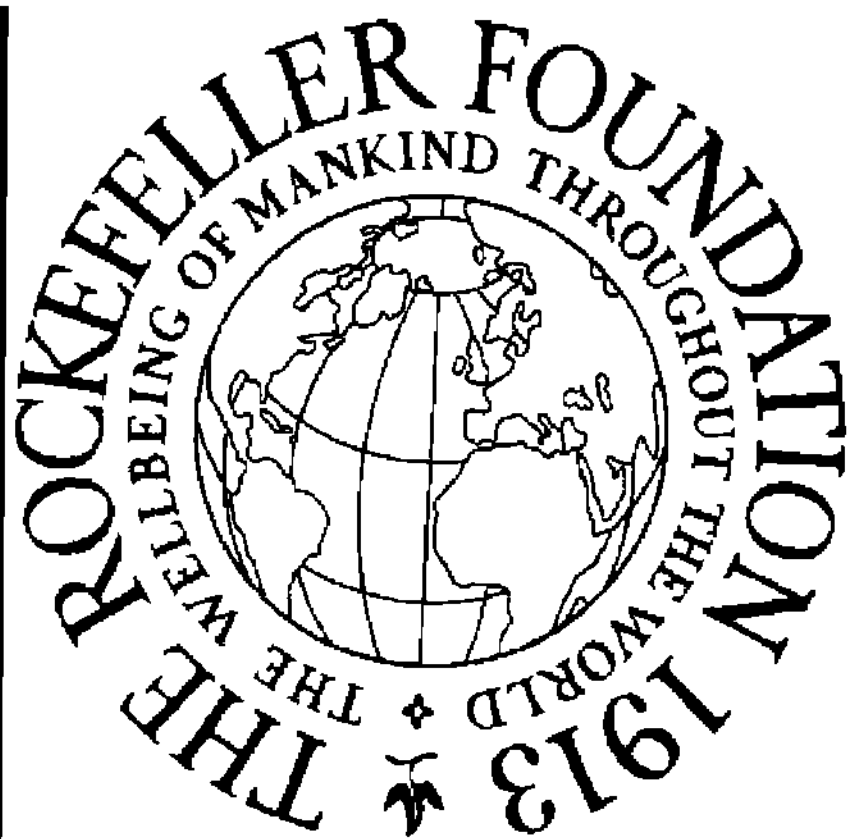
Here young students pose before a mural they helped to create at an after school program at the Adolsina Villanueva Childcare Development Center in Philadelphia. Managed by a local community development corporation the program provides scholastic reinforcement and creative activities for children.

Around the world, people sacrifice,
struggle, and fight for the privilege
of educating their children.

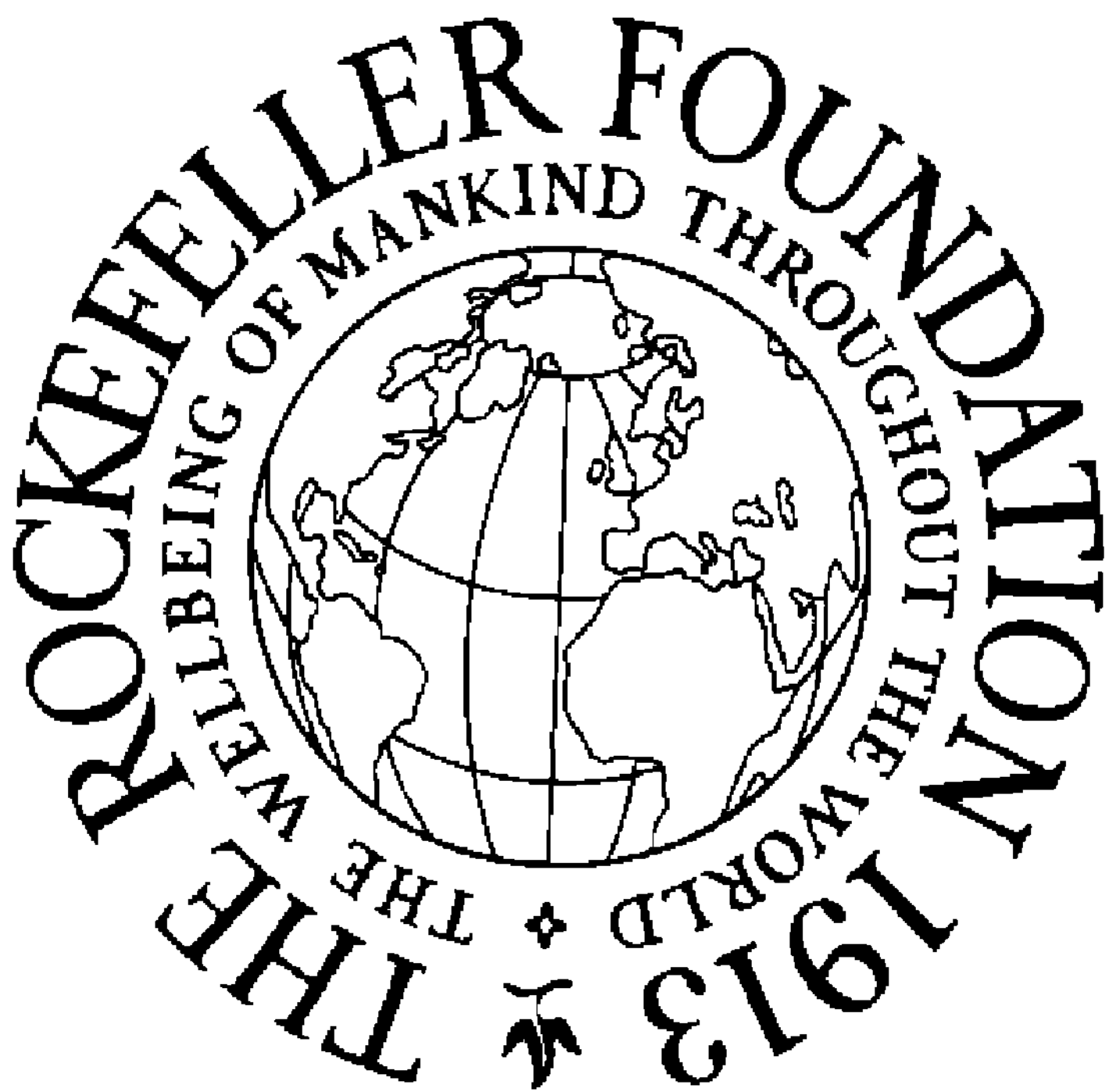
For as every society and
every parent knows, education
equals power—and powerlessness
equals despair.

In America education
is not a privilege, it is a right—
the right of every child
to have a dream and a future.

When for so many that dream
has ceased to offer hope,
it is time for all of us to learn
something new about education
and do something different
in our schools.



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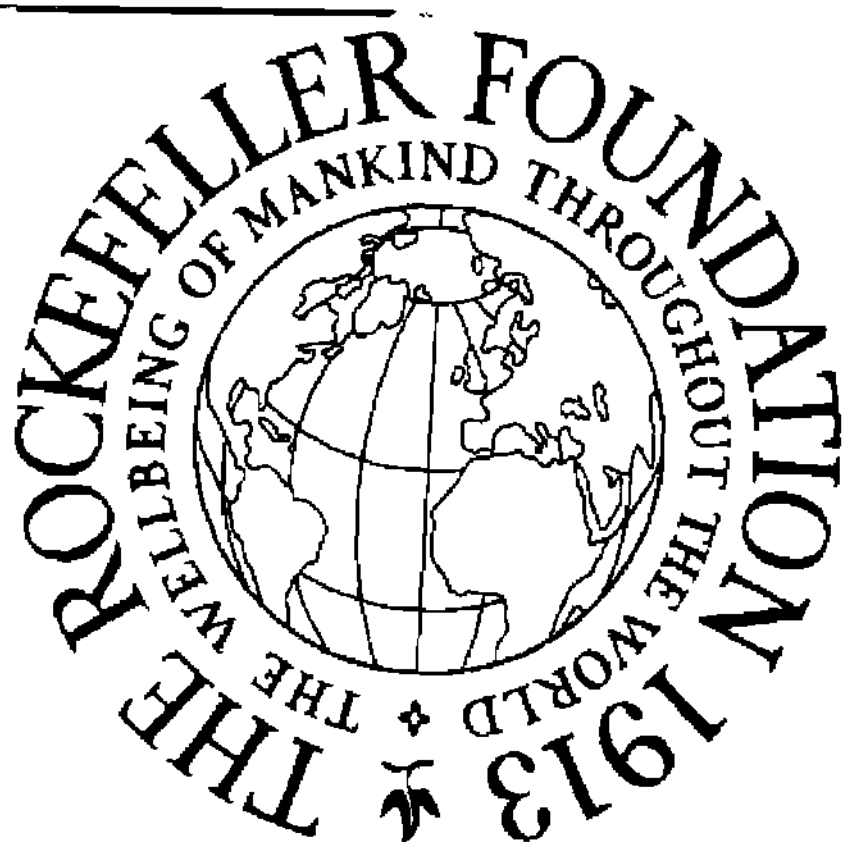
School Reform

It is not acceptable that in cities across America more than 50 percent of minority children drop out of school. Nor is it acceptable that many who do graduate still lack the skills to compete in today's marketplace. The goal of the School Reform division is to integrate into society children and youth considered "at risk" of failure by reforming the urban public school systems.

In 1990 the Foundation began extensive support of the School Development Program (SDP) conceived by Dr. James P. Comer, Maunce Falk Professor of Child Psychiatry and Associate Dean of the Medical School at Yale University. Comer's work showed a profound understanding of the link between children's development and their educational needs. In a fully integrated Comer school, teaching professionals with a common mission collaborate with families, school administrators, and others in the community to establish consistent values and reasonable expectations for children.

Prior to Foundation involvement, the Comer process was available only to schools that had direct relationships with the Yale Child Study Center. The Foundation helped create the Comer Project for Change in Education in order to train new personnel from school districts and other institutions.

*Lincoln Elementary School
in New Haven, Connecticut
has embraced the
Comer method of school reform.
Children pictured on these
pages pursue independent
reading in the Reading Room
staffed by parent volunteers
and teachers.*



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who could function in the same capacities as Comer's staffers. To help achieve this objective, a variety of training materials were developed and disseminated. By providing wide access to the Comer process and cogent explanations of the theories and principles on which it is based, the Foundation hopes to bring positive change to the nation's beleaguered public schools. At present, the SDP is used in more than 480 elementary, middle, and high schools. The Foundation plans to support Comer programs in 1,300 schools by 1999.

In 1994 the Foundation began supporting a systemic initiative in three districts—Brooklyn, New York (District 13), New Haven, Connecticut and Washington, D.C.—committed to implementing the SDP in a majority of schools over a five-year period and to using the program to reshape central office relationships with schools and communities.

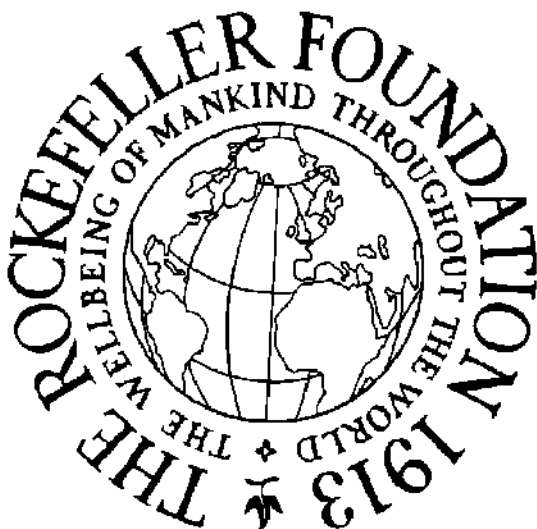
In addition, three regional professional development and training centers were opened at San Francisco State University, Cleveland State University, and Prince George's County Public Schools in Maryland. These centers will strengthen the Comer infrastructure at established sites by providing models of SDP schools and developing the expertise necessary to create and sustain other Comer programs.

Improving the process of teaching and learning for large numbers of disadvantaged students requires a sustained commitment to the development of educators—teachers, administrators, lay leaders, and local policymakers. In this area, Foundation initiatives help urban school districts test and implement mechanisms that ensure high-quality professional training programs. Ten sites have been selected to receive planning grants. Up to three urban school districts will be selected for long-term demonstrations of an additional five to seven years.

To complement this effort, the Foundation has joined the Carnegie Corporation in launching the National Commission on Teaching and America's Future. The Commission will create a national blueprint for determining how teachers can be prepared and supported in their efforts to meet the challenges of schools in the 21st century.

In addition to the two programs outlined above, the Foundation supports Performance Assessment Collaboratives for Education (PACE), a six-site demonstration that examines the impact of classroom-based portfolio assessment systems on the effectiveness of teachers and the achievements of at-risk students in urban middle schools. The School Reform division also supports the Texas Interfaith Education Fund in its efforts to accelerate the pace of local school reform in Texas, Arizona, and New Mexico by encouraging parents and community organizations to act as catalysts for change.

*At Lincoln Elementary School
a third grader proudly
displays a book she created
while a classmate takes pause
from painting.*



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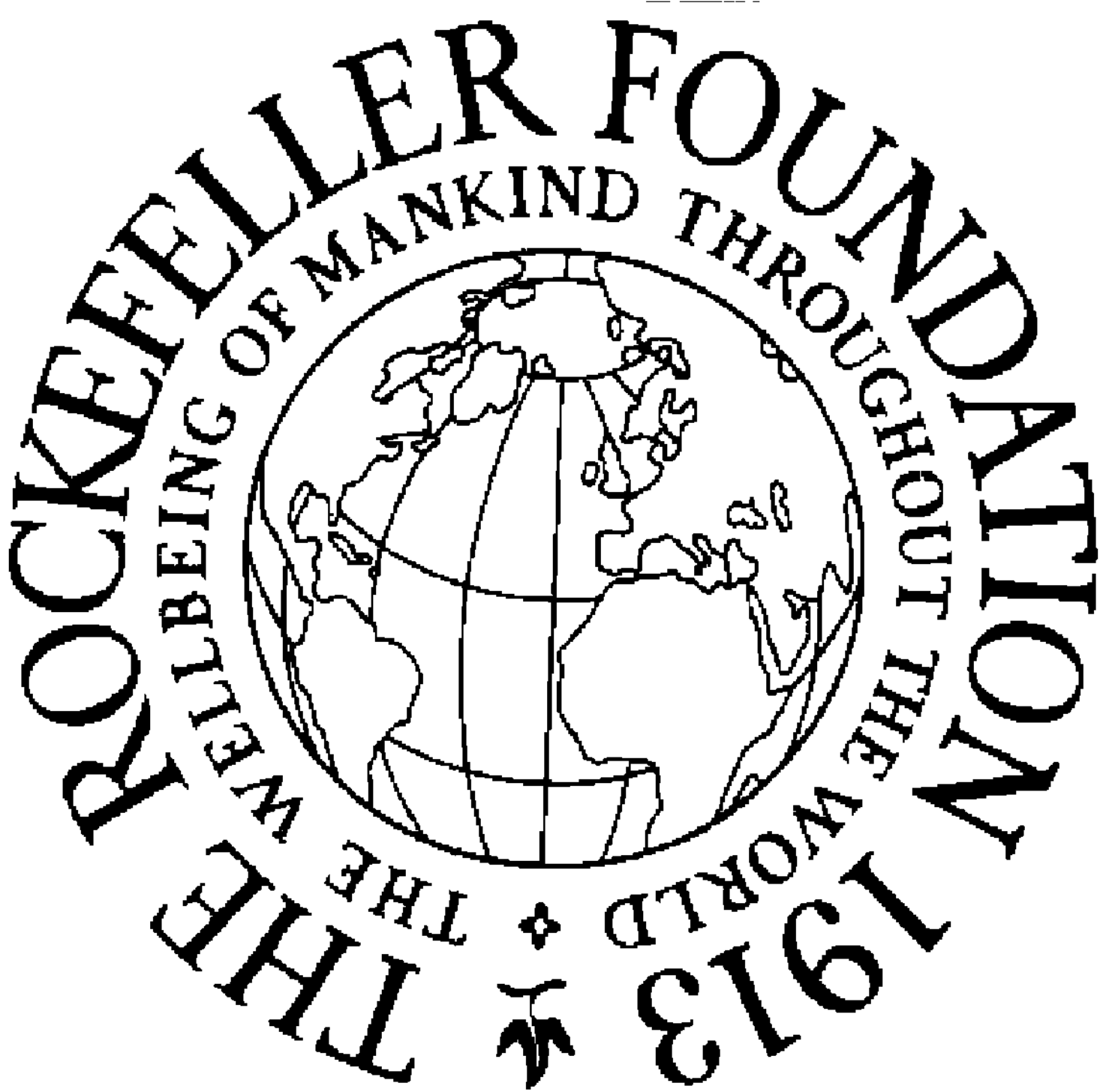
A vaccine against AIDS.
Patterns of communication
to break through enmity
and prejudice.
A world without hunger.

Together we think. We talk.
We ask questions.
We ask everyone to contribute.
We gain different perspectives.
We listen. We work.
We keep an open mind.

We meet here, and together
we progress.



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Bellagio Study and Conference Center

Situated on the shores of Lake Como, Italy, the 50-acre Bellagio Study and Conference Center is a meeting ground for a wide spectrum of creative thinkers, policymakers, and artists from every region of the world. Offering concentrated solitude as well as the possibility of vigorous interaction in a beautiful setting, the Bellagio Center hosts week long conferences—many in support of Foundation programs—and also invites individual guests for monthlong residencies. During the 35 years of its existence, the Center has accommodated 840 conferences and more than 2,600 residents.

CONFERENCES

In 1994 the Center hosted 28 conferences, drawing 659 participants from 84 countries, 78 percent of the conferees were from outside the United States and 25 percent were from developing countries.

The interests of the Foundation were reflected in many of the conferences. "The AIDS Vaccine Initiative" revealed that ongoing research and plans for field testing have not yet focused on the grim fact that divergent strains of the AIDS virus in the countries of Africa have created an entirely different AIDS patient whose profile deviates from that of AIDS sufferers in other parts of the world. The African AIDS patient therefore has very specific needs that necessitate a treatment strategy and health care network that will be responsive to these needs. In "Public Health Training Programs for the Next Century," participants analyzed innovative programs, including the Foundation's Zimbabwe-based "Public Health Schools Without Walls" initiative.

Participants in "Technological Prospects for Sustainable Agriculture" debated whether the agricultural technology available to farmers in the developing world will be adequate to meet the growing demand for food in the future without depleting the natural resource base of the South. "Getting Agriculture Moving in the 1990s" addressed the role of agriculture in the economic development of countries that have made minimal progress in improving their populations' welfare since the early 1970s.

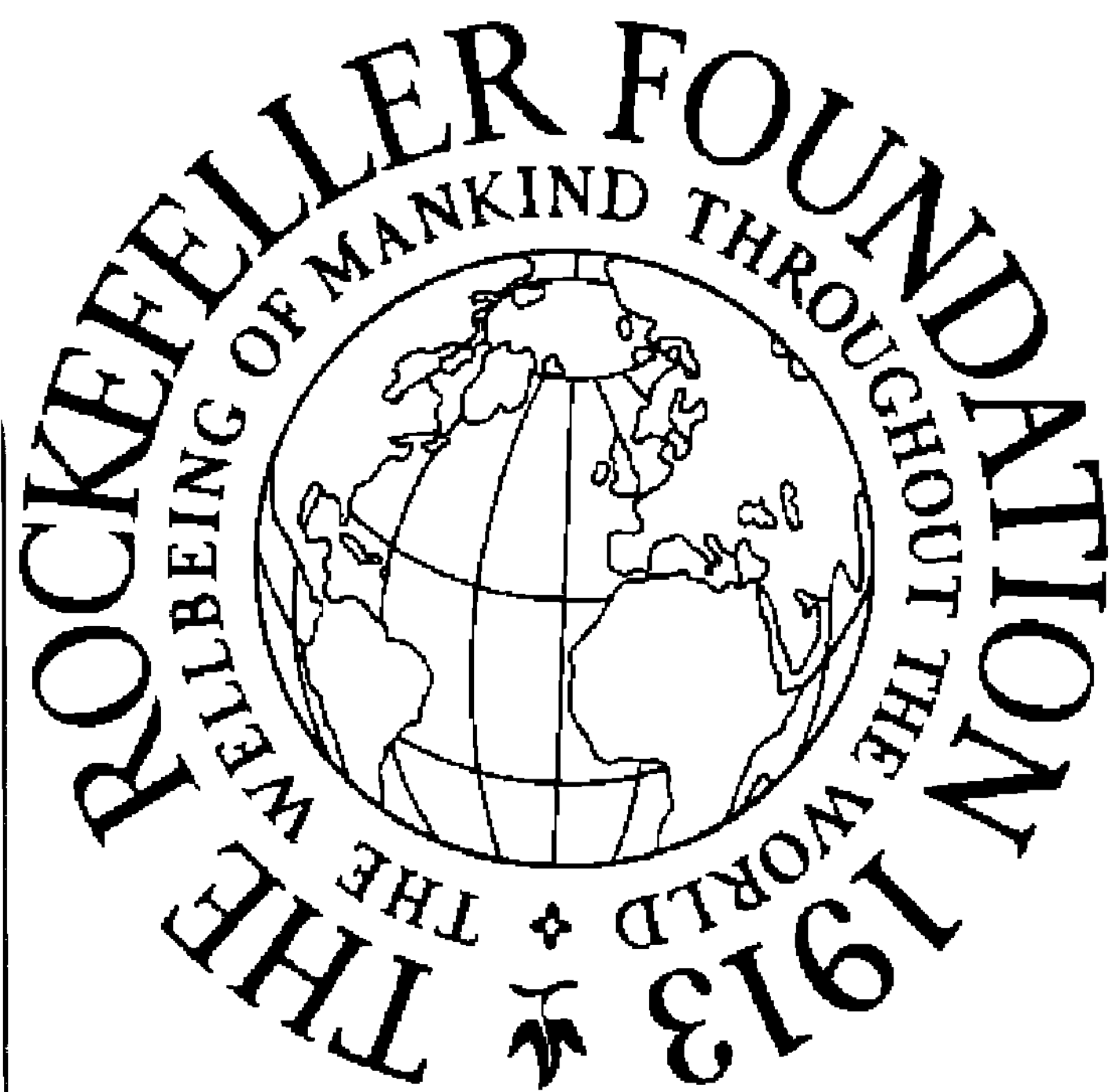
A second meeting of the "Donor Consultation on Agenda 21 Research and Capacity Building Initiatives" sought to strengthen collaboration and consultation among national and international development agencies and foundations working on sustainable development. One of the fruits of this dialogue is Bellanet, an electronic network established to facilitate dialogue on policy and planning.

Directors of international book fairs from Africa, Asia, Europe, and the Americas convened to pledge assistance to their counterparts in developing countries to help them bolster their book industries and reduce cultural imports from abroad.

From the Bellagio Study and Conference Center a westward view of Lake Como and the Italian Alps



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Bellagio also hosted a number of meetings on topics that are beyond the Foundation's funding priorities, among them "Unaccompanied Refugee Minors: Critical Guidelines for Durable Solutions." As mass migration becomes a universal problem on an unprecedented scale—with tens of millions of people fleeing unemployment, war, famine, and political persecution—the problem of juvenile migration has become acute. Representatives of various governments, refugee, child-welfare and human rights organizations met to discuss this issue

RESIDENCIES

During 1994, 157 scholars, opinion leaders, and artists—a record 48 percent from outside the United States—spent a month in residence to work on a major book, article, exhibition, or other undertaking. The two characteristics of the residency experience most frequently commented upon are the structure of the program—allowing one that most precious of commodities, time—and the invigorating and expanding interaction with an international group of people from a variety of disciplines.

One participant, Robert A. Gross, recounted his experience at the Bellagio Center: "I was especially impressed by the way a diverse group of scholars, gathered from all over the globe, managed to come together as a circle of supportive colleagues. Without any pressure to perform, virtually all of us presented our work, eliciting interesting reactions and generating informative discussions. The international character of the Center really works."

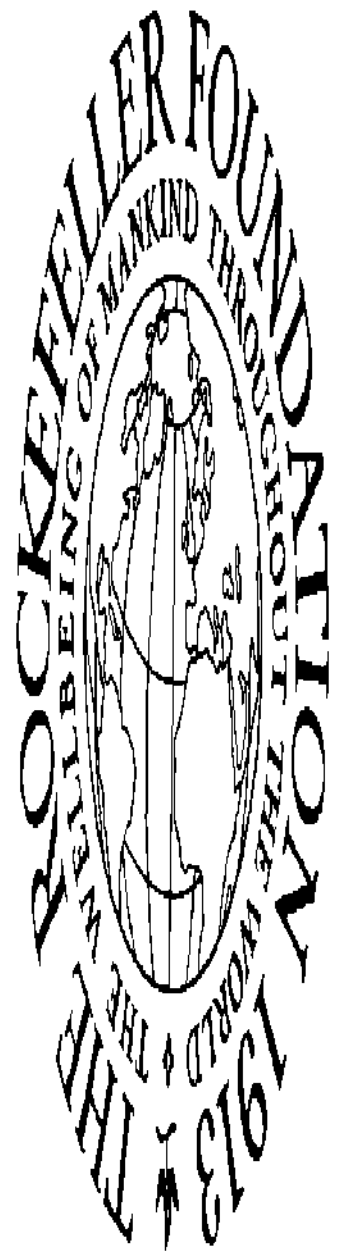
TEAM RESIDENCIES

In its second year, the team residency program—an effort to encourage collaborative, problem-solving work—hosted five very different ventures that included a group of Muslim women concerned about the restrictions of living under Muslim law, a study by scholars and researchers on the topic of human misery, and a group of African and Asian musicians exploring cross-cultural music.

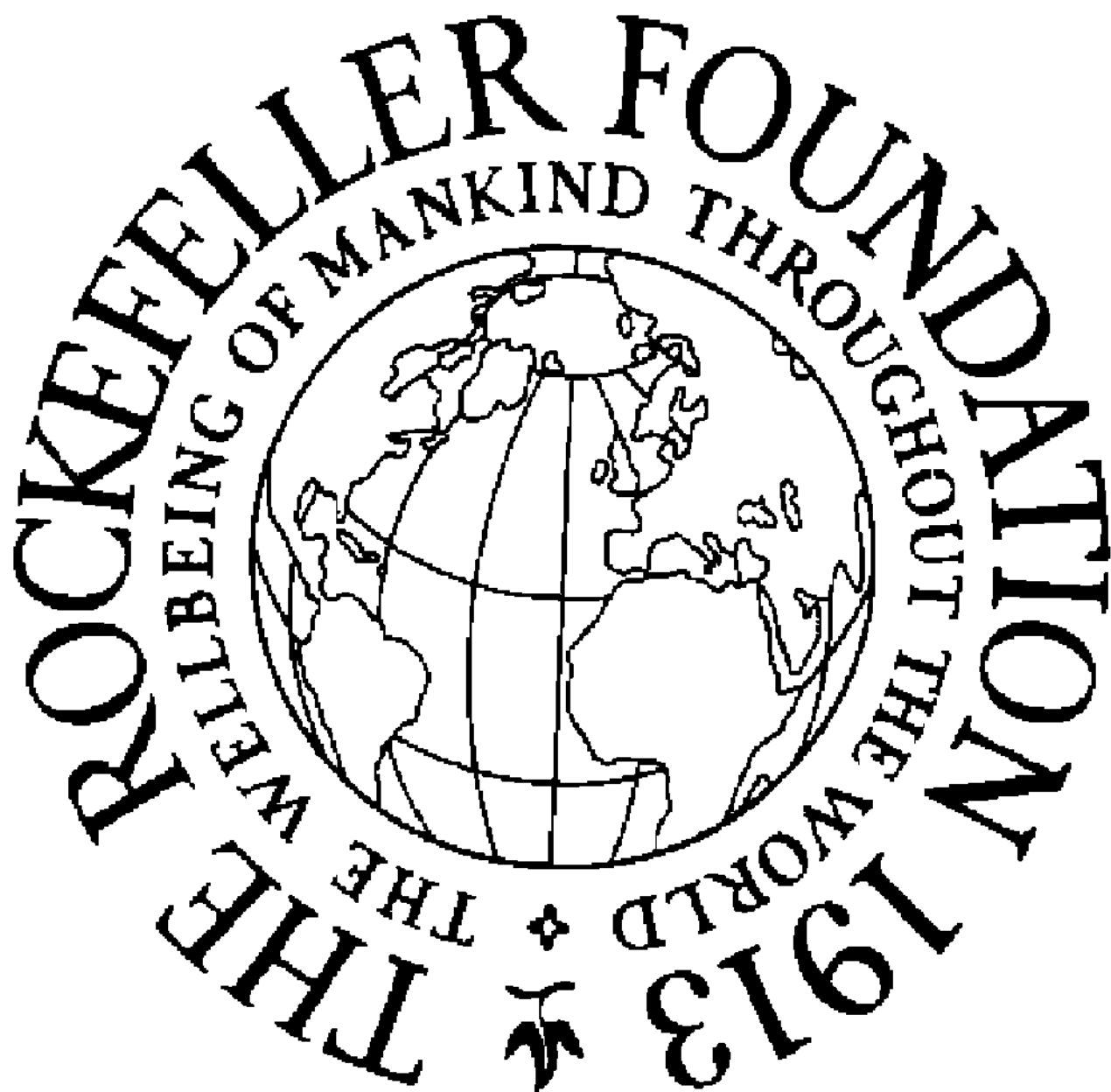
Participants at a Bellagio conference 'The Global Society and the Latino Community'



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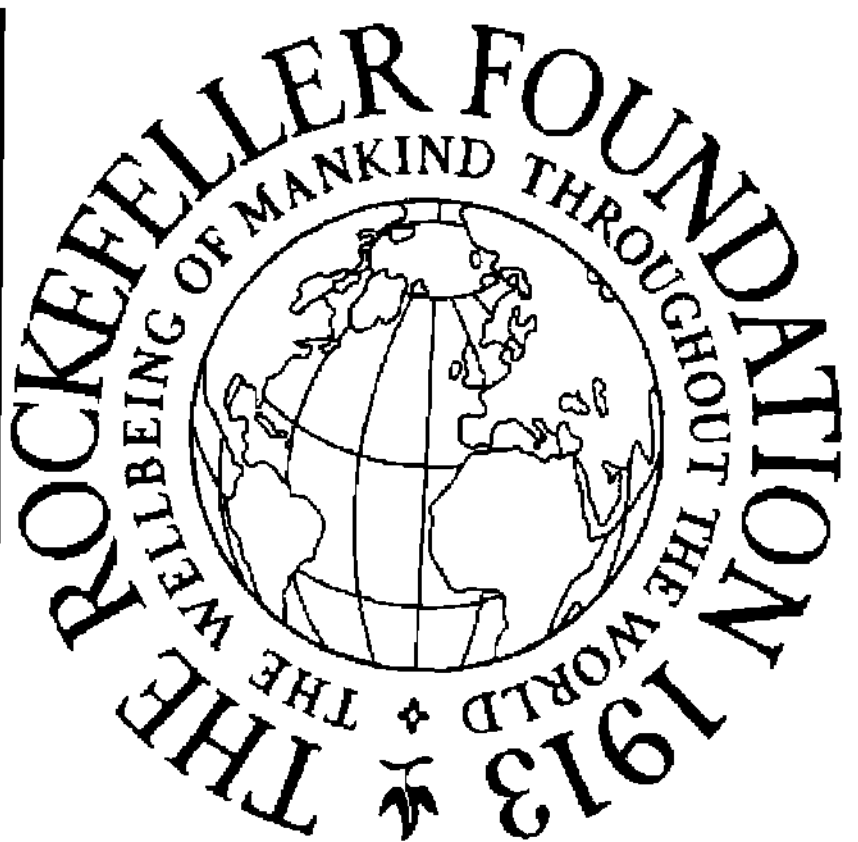


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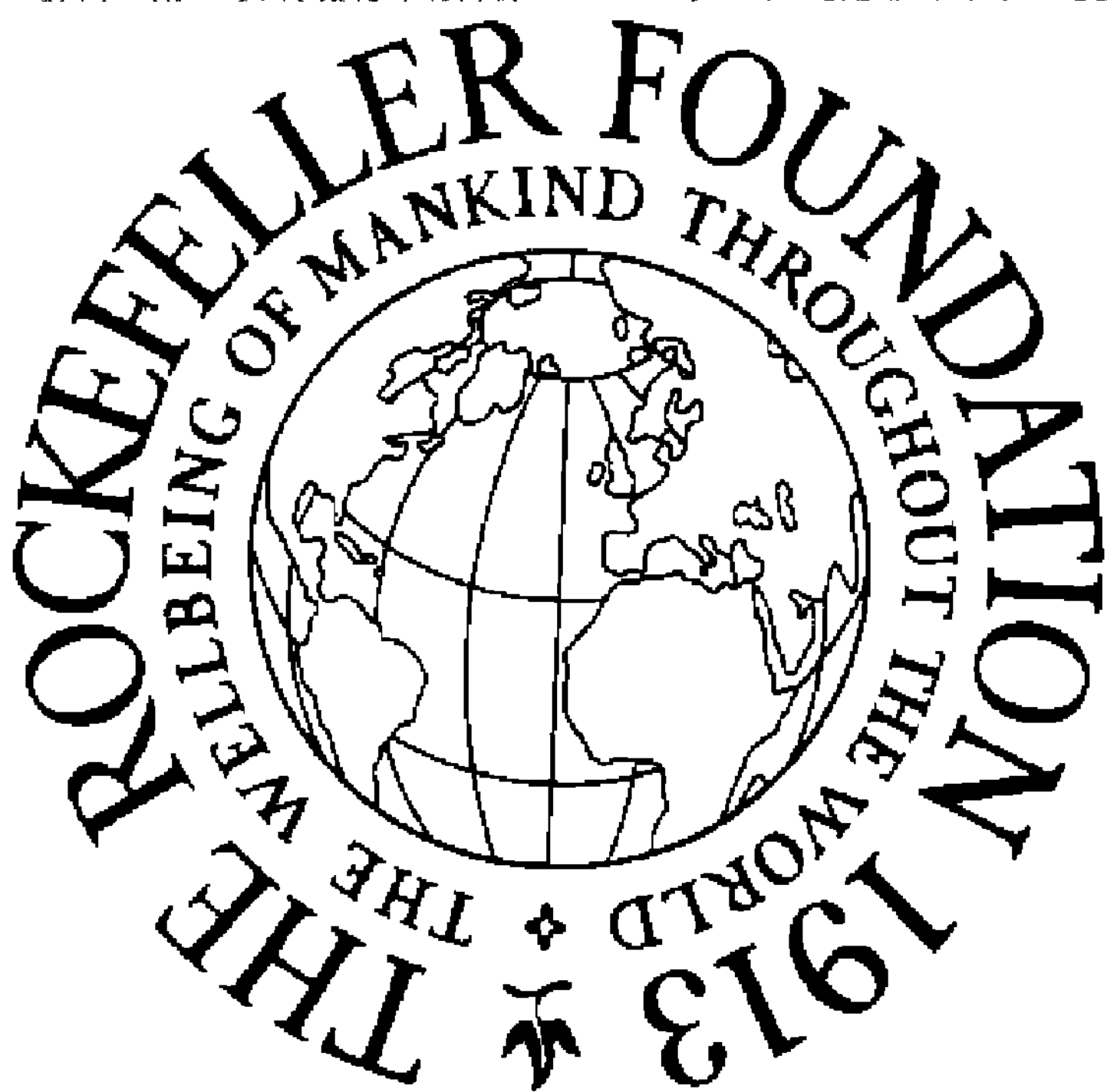
As the world spins,
so do the nations within it.
Boundaries change.
Populations go to war, too often.
There are earthquakes
and explosions and famines,
and always, there is change.

As fortunes change, always,
there will be new presidents
and generals, new declarers of war,
new droppers of bombs,
new arbiters of life and death.

And always, hopefully,
there will be new makers
of peace.



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*SPECIAL INTERNATIONAL
INITIATIVES AND
SPECIAL INTERESTS*

Special International Initiatives and Special Interests

International Security

In 1994 the world moved a few steps closer to the abolition of weapons of mass destruction. The United States and the Democratic People's Republic of Korea agreed on a framework to make the Korean peninsula nuclear-free, and the Ukraine signed the Non-Proliferation Treaty. The Foundation's grants focused on three key countries whose actions will greatly influence the future of nonproliferation: India, Iran, and North Korea.

In June the world watched as President Jimmy Carter journeyed to North Korea to help avert a crisis. His trip to Pyongyang, funded by the Foundation, was one of five Foundation grants seeking to open communications with that government after North Korea announced its intention to withdraw from the Non-Proliferation Treaty in March of 1993. Additional efforts backed by the Foundation include the 20-nation electronic/fax network launched by Nautilus of America and now operating daily in Pyongyang, International Physicians for the Prevention of Nuclear War, a group working with an affiliate organization in North Korea to establish

the first e-mail link among nongovernment organizations, and Seton Hall University, which is facilitating exchange programs with academic institutions in North Korea on subjects ranging from culture to economics. The Foundation is working to advance communication among U.S. foundations interested in North Korea and between U.S. and Japanese foundations with similar interests.

Less dramatic progress has been achieved in Southern Asia—India, Pakistan, and China—where the Foundation has continued to support confidence-building measures for fellows from India and Pakistan at the Stimson Center. The Foundation-run Bellagio Center at Lake Como, Italy, hosted a conference to consider contemporary proliferation problems against the backdrop of past crises between

India and Pakistan and the 1962 Cuban missile crisis, and Carnegie Mellon University has begun a project to explore the relationship between the transfer of advanced technology to India and the nonproliferation of nuclear weapons and missiles in South Asia.

The Foundation has continued to support the Arms Project of Human Rights Watch, which monitors the export of small arms and has recently expanded its range to include weapons of mass destruction.

En route to brief senior White House officials a weary President Jimmy Carter acknowledges well-wishers in Atlanta upon his return from North Korea where he helped to avert a military crisis.

Global Nuclear Weapons Status

9-Point Scale Movement Toward/Away from Nuclear Weapons		Nations	5 Point Scale 1 2 3 4 5				
■ 1 Active Building of Nuclear Weapons Components or Unsecured Weapons Grade Material	Nuclear Weapons States	China	■	■			
		France	■	■			
		Israel	■	■			
		United Kingdom			■		
		Russia			■		
		United States			■		
■ 2 Resisting Arms Control and Possibly Building Weapons Components and/or Materials	De Facto Nuclear Weapons States in Transition	Pakistan	■	■			
		North Korea	■	■			
		India			■		
		Ukraine			■	■	
		Kazakhstan			■	■	
		Belarus			■	■	
■ 3 Mixed Building and Arms Control	Potential Nuclear Weapons States	Iran			■		
		Iraq			■		
■ 4 Supporting Arms Control and No New Weapons Production	Former Nuclear Weapons States	South Africa				■	
		Taiwan				■	
		Sweden				■	
■ 5 Active Movement Toward Disarmament	Former Threshold States	Brazil				■	
		Argentina				■	
Non Nuclear Weapons States Closely Watched		Germany				■	
		Japan				■	
		Libya			■		
Non Nuclear Weapons States of No Concern		150 Countries					■



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Special Interests

The Special Interests fund supports important projects that do not qualify for aid under the Foundation's principal programs

Among the recipients this year are a number of nongovernment organizations (NGOs) that promote the evolution of a society that respects the concerns of all ethnic and social groups. These organizations include the Institute for Puerto Rican Policy, which is conducting the New York City Latino Nonprofit Sector Project, Hispanics in Philanthropy, which promotes greater understanding of Latino communities and increases Latino representation in philanthropy, Asian-American/Pacific Islanders in Philanthropy, which published the landmark study "Invisible and in Need: Philanthropic Giving to Asian Americans and Pacific Islanders," the U.S.-Indochina Fund for Reconciliation and Development, which encourages closer relationships between the United States and the countries of Vietnam, Cambodia, and Laos, and the Conference of Non-Governmental Organizations in Consultative Status with the United Nations Economic and Social Council, which is overseeing the organization of an NGO Forum to be held in Beijing during the 1995 Fourth World Conference on Women.

Deserving of special mention is the former Institute for Journalism Education at Berkeley, which has renamed itself the Robert C. Maynard Institute for Journalism Education. At the time of his death in 1993, Mr. Maynard was a Rockefeller Foundation Trustee, and the Foundation's grant to the Maynard Memorial Project will help to complete his work and house his papers in a permanent archive. Mr. Maynard's commitment to social justice and balance in the media is expressed in his statement: "This country cannot be the country we want it to be if its story is told by only one group of citizens. Our goal is to give all Americans front-door access to the truth."



Frank G. Wells, 1932-1994

*A titan of industry; a diligent steward of philanthropy.
His energy, commitment, and intelligence
inspired us.*

Rockefeller Foundation Trustee, 1992-1994

1994 Grants and Fellowships

- 62 *International Program to Support Science-Based Development*
- 62 *Global Environment Grants*
- 64 *Agricultural Sciences Grants*
- 71 *Health Sciences Grants*
- 76 *Population Sciences Grants*
- 80 *African Initiatives Grants*
- 84 *Science-Based Development Fellowships*
- 87 *Arts and Humanities Grants*
- 95 *Equal Opportunity Grants*
- 97 *School Reform Grants*
- 99 *Bellagio Study and Conference Center*
- 106 *Special International Initiatives and Special Interests Grants*

In 1994 the Board of Trustees held four meetings at which it reviewed and approved a total of 66 funding proposals presented by the Foundation's staff. Half of these appropriations were made directly to grantee institutions; the other half—representing nearly 75 percent of the total dollars appropriated—were made available for allocation by the officers of the Foundation, generally over the course of a year. During 1994, the officers made allocations to 745 institutions and individuals under appropriations approved in 1994 and in prior years. In the grant listings that follow, the amount of each appropriation and the year in which it was approved are indicated in brackets; this is followed, when applicable, by a list of the allocations approved by the officers from that appropriation during 1994.

In addition to approving these large appropriations, the Board of Trustees authorized in the 1994 budget the expenditure of some \$7 million in grants in aid. These are grants—generally of no more than \$150,000 per year and available for no more than three years—that are approved by the officers without the need for advance review or approval by the board. The officers approved 303 such grants in 1994.

International Program to Support Science-Based Development

This program provides focus for four of the Foundation's divisions—Agricultural Sciences, Global Environment, Health Sciences, and Population Sciences. Its objective is to promote a more equitable distribution of the world's resources while avoiding environmentally unsound development practices, and to help the developing world implement the tools of modern science and technology to increase people's access to food, health care services, reproductive choice, education, housing, and employment opportunities.

Global Environment Grants

The Global Environment division's Leadership for Environment and Development (LEAD) aims to create a new generation of leaders from business, science, government, and the public sector by training them in interdisciplinary and intersectoral approaches to preserving the environment, promoting fair and sustainable development, and forging international agreements to accomplish these ends. The division also focuses on easing the transition from ecologically damaging technologies to those that are ecologically sound and consistent with sustainable development.

BRASCEP Engenharia Ltda
Rio de Janeiro, Brazil
\$13,000
In support of the contract negotiation stage of its project to implement a power generating facility at the Jales Machado sugar plant in Goianesia, Brazil.

Center for Clean Air Policy
Washington, D.C.
\$98,000
For its costs in designing a replicable financial structure for a private sector jointly implemented energy project under the provisions of the U.N. Framework Convention on Climate Change.

\$35,000
To enable the Center to assist the Government of Costa Rica by assessing the status of the Costa Rican-U.S. climate change project.

China Council for International Cooperation on Environment and Development
Beijing
\$133,000
Toward the costs of its working group on energy strategies and technologies.

Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ)
Eschborn, Germany
\$108,100
Toward the costs of its project on methods permitting the substitution of plant oils for diesel fuel in rural areas of developing countries.

Energy Foundation
San Francisco, California
[1994—\$2,500,000 in addition to remaining funds from prior year appropriations]
To support its program on U.S. energy efficiency and renewable energy sources.

Environmental Protection Administration
Taiwan, China
\$18,000
Toward the costs of a meeting on urban cross-sectoral Aedes aegypti/dengue control held in Taipei, May 23–25, 1994 (joint grant with Health Sciences for a total of \$36,000).

Greens Union of Armenia
Yerevan
\$30,000
For the design of a biogas plant in Armenia.

Instituto Nacional de Biodiversidad
Santo Domingo, Costa Rica
\$39,000
For a feasibility study for a Central America-managed institution to provide long-term financial support for investment in sustainable development.

International Energy Initiative
Montclair, New Jersey
\$150,000
Toward the costs of the Bio Resources 94 conference held in Bangalore, India, October 1994.

Leadership for Environment and Development (LEAD)
[1994—\$5,125,000 in addition to remaining funds from prior year appropriations]
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.

Brazilian Association for Leadership Development
São Paulo
\$449,300
In support of LEAD in Brazil.

Development and Environment Foundation
Moscow, Russia
\$337,800
In support of LEAD in the Commonwealth of Independent States.

El Colegio de México
Mexico City
\$461,240
In support of LEAD in Mexico.

Foundation for Environmental Development and Education in Nigeria (FEDEEN)
Lagos
\$429,310
In support of LEAD in Nigeria.

Foundation for Sustainable Development (Yayasan Pembangunan Berkelanjutan)
Jakarta, Indonesia
\$407,180
In support of LEAD in Indonesia.

Institute of Environment and Development
Beijing, China
\$250,070
In support of LEAD in China.

Leadership for Environment and Development International, Inc.
New York, New York
\$450,000
For general support and for the development of the LEAD Global Interact System.

\$1,676,150
For general support for LEAD's computerized network (LEADnet) and for the development of its Global Interact System.

- Peking University
Beijing, China
\$57,740
For use by its Institute of Sociology and Anthropology toward the costs of the training portion of LEAD in China
- Royal Swedish Academy of Sciences
Stockholm
\$17,110
For the free distribution of Ambio—A Journal of the Human Environment to scientists and research libraries in Eastern and Central Europe and for the publication of articles on environmental issues related to LEAD
- Tata Energy and Resources Institute
Arlington, Virginia
\$225,000
In support of LEAD in India
- Foundation-Administered Projects
\$200,000
Toward administrative expenses of LEAD
- \$80,000
For the costs of LEAD meetings
- \$275,000
For administrative expenses of LEAD
- \$15,000
For administrative expenses associated with internal monitoring and assessment of LEAD
- \$14,000
For administrative costs associated with LEADnet expansion in Thailand
- \$200,000
For administrative costs associated with LEAD in India
- \$80,000
Toward the costs of LEAD's international session in Zimbabwe, held March 20–April 3, 1994
- \$100,000
For costs associated with the development of LEAD in southern Africa and Pakistan
- \$480,000
Toward the costs of LEAD's international session held in Chiang Mai, Thailand, May 20–30, 1994
- Ontano Hydro
Toronto, Canada
\$20,000
Toward the costs of the first meeting of the Global Energy Efficiency Collaborative, held in New York City, September 1994
- Solar Electric Light Fund
Washington, D C
\$15,000
In support of its joint venture with the Gansu GNERI PV Company to manufacture home photovoltaics systems for use in rural areas of Gansu Province
- Stockholm Environment Institute
Sweden
\$100,000
Toward the costs of its POLESTAR project, designed as a framework for investigating sustainable development options
- Tides Foundation
San Francisco, California
\$5,000
Toward the costs of its project to combat cholera in developing nations through the use of appropriate water purification systems (joint grant with Health Sciences for a total of \$10,000)
- Transition to a New Energy Paradigm
[1994–\$1,300,000]
To facilitate the transition to a new energy paradigm
- Energia Global, Inc
Wakefield, Massachusetts
\$210,920
Toward the costs of its demand side management pilot program for residential electricity in Costa Rica
- Indian Institute of Science
Bangalore
\$36,300
To prepare other villages in India for the replication of the Pura Village Community Biogas Project
- International Energy Initiative
Montclair, New Jersey
\$152,570
Toward the costs of its project to construct nine rural energy and water supply utilities in southern India
- Solar Ocean Energy, Inc
Carmel Valley, California
\$160,000
For preparation of its solar ocean energy conversion project in Jamaica for presentation to potential funders
- Soluz, Inc
Somerville, Massachusetts
\$200,000
Toward the costs of expanding its solar electric energy delivery project in the Dominican Republic to 1,000 homes
- Foundation-Administered Projects
\$90,000
For administrative expenses associated with the costs of consultants for the program
- \$175,000
For administrative expenses associated with the costs of project identification
- \$250,000
For administrative expenses associated with the costs of consultants for the program
- University of Pennsylvania
Philadelphia
\$125,800
Toward the costs of China's Rural Energy Construction Program, an energy development project covering 100 rural counties
- Foundation-Administered Projects
\$3,500
For the costs of a Bellagio conference on future directions for the United Nations Environment Programme, July 19–22, 1994
- \$15,651
Toward the costs of a conference of the Bellagio Forum for Sustainable Development, held in Lisbon, Portugal, April 1994
- \$5,000
Toward the costs of the first annual general conference of the Bellagio Forum for Sustainable Development, held in London, England, November 1994

Agricultural Sciences Grants

The Agricultural Sciences division supports projects that lead to the development and application of new molecular and cellular technologies for the genetic improvement of selected food staples, to the improvement of food production systems of resource-poor farming families in sub-Saharan Africa, and to increased knowledge of how natural resources contribute to sustainable food production, and how agriculture in turn impacts natural resources, to the application of this knowledge to improve agriculture and resource use.

INCREASING CROP YIELD THROUGH BIOTECHNOLOGY

Biotechnology for Marginal-Land Food Crops
[1994-\$600,000]
To continue building and strengthening biotechnology research networks working on tropical food crops grown on marginal lands

International Center for Tropical Agriculture (CIAT)
Cali, Colombia
[1994-\$25,600 in addition to remaining funds from prior year appropriations]
For research on the molecular mapping of cassava and its wild relatives

\$20,000
Toward the costs of the Second International Meeting of the Cassava Biotechnology Network (CBN II) held in Bogor, Indonesia, August 22-26, 1994

\$13,000
To provide technical assistance to the Collaborative Study of Cassava in Africa (COSCA), undertaken by the International Institute of Tropical Agriculture, Ibandan, Nigeria

Shenyang Agricultural University
China
\$40,000
For research on the molecular marker mapping of genes that control aphid resistance in sorghum lines from China

University of Guelph,
Ontario, Canada
\$55,200
For research on the transformation of cassava by co-cultivation of axillary nodes with *Agrobacterium*

Biotechnology Training in Latin America and Africa
[1991-\$300,000 in addition to remaining funds from prior year appropriations]
To help develop and support crop biotechnology training programs at selected institutions in Latin America and Africa

Cold Spring Harbor Laboratories
New York
\$4,200
To enable two scientists from Latin America to attend the course "Molecular Markers in Plant Genetics and Plant Breeding," taught at Cold Spring Harbor Laboratory, November 8-21, 1994

Cassava Biotechnology
[1993-\$270,000 in addition to remaining funds from prior year appropriations]
In support of the further development of an international network for biotechnology research on cassava

Cold Spring Harbor Laboratories
New York
\$3,000
Toward the costs of a meeting of the International Grass Genome Initiative held at Cold Spring Harbor's Banbury Center, October 31-November 2, 1994

Commonwealth Scientific and Industrial Research Organization (CSIRO)
Australia
\$50,000
For research on apomixis in *Arabidopsis thaliana*

International Academy of the Environment
Geneva, Switzerland
\$10,050
Toward the costs of publication and distribution of a book on developing and enacting biosafety regulations

International Service for the Acquisition of Agri-Biotech Applications (ISAAA)
Ithaca, New York
\$50,000
Toward the costs of assisting developing countries with the implementation of biosafety regulations

National Priorities for Rice Biotechnology
[1992-\$600,000 in addition to remaining funds from prior year appropriations]
To develop a quantitative, systematically derived basis for allocating rice biotechnology research resources in several Asian countries

Center for Environmental and Agricultural Policy Research, Extension and Development (CEAPRED)
Kathmandu, Nepal
\$82,400
For a study entitled "Nepal Rice Recommendation Domains and Implications for Biotechnology Initiatives"

Stanford University
California
\$67,600
For use by the Food Research Institute for a study of research reform in China, focused on the privatization of rice biotechnology as well as the conventional research system and seed industry

Rice Biotechnology Program Authorization
[1994-\$17,325,000 for three years in addition to remaining funds from prior year appropriations]
To continue support for the Foundation's international program on rice biotechnology

Albert Ludwig University
Freiburg, Germany
\$65,000
For research on the functional expression of carotenogenic enzymes in rice endosperm

Gregory Armstrong
Zurich, Switzerland
\$35,400
For research on the genetic engineering of provitamin A biosynthesis in rice endosperm

Beijing Agricultural University
China
\$50,000
For research on salt-tolerance mechanisms in rice

Biotechnology Research Center
Ho Chi Minh City, Vietnam
\$60,000
Toward the costs of strengthening research capability in rice biotechnology

Bose Institute
Calcutta, India
[1994-\$130,000 in addition to remaining funds from prior year appropriations]
For research on the production of transgenic indica rice plants with useful genes

Center of Research and Advanced Studies (CINVESTAV)
Irapuato, Mexico
[1994-\$10,000 in addition to remaining funds from prior year appropriations]
For research on a biochemical and molecular approach to increasing rice productivity by manipulating sucrose metabolism

China National Rice Research Institute (CNRRI)
Hangzhou
[1994-\$110,000 in addition to remaining funds from prior year appropriations]
For research leading to the application of novel strategies to the improvement of rice in China

\$25,000
Toward the costs of a Technology Transfer Fellowship to enable Dr. Zhikang Li, Associate Research Scientist, Texas A&M University, to conduct research at CNRRI on mapping the genes that contribute to heterosis in rice

\$40,100
For a study of the genetics and molecular bases of heterosis in hybrid rice (*Oryza sativa*), to be undertaken by Biotechnology Career Fellow Dr. Liu Xiaochuan under the direction of Dr. M. A. Saha Maroof, Department of Crop and Soil Environmental Sciences, Virginia Polytechnic Institute and State University, Blacksburg

- Chinese Academy of Sciences
Beijing
[1994-\$60,000, in addition to remaining funds from prior year appropriations]
For use by its Institute of Microbiology for research on rice yellow stunt virus
- [1994-\$60,000, in addition to remaining funds from prior year appropriations]
For use by its Institute of Genetics, Beijing, for research to complete and apply the Restriction Fragment Length Polymorphism (RFLP) map for rice
- \$50,000
For use by its Institute of Botany, Beijing, for research on photoperiod-sensitive male sterility in Chinese varieties of rice
- [1994-\$60,000, in addition to remaining funds from prior year appropriations]
For use by its Institute of Genetics, Beijing, for research on the transferance of genes in rice
- [1994-\$3,307 in addition to remaining funds from prior year appropriations]
For use by its South China Institute of Botany, Guangzhou, for research on the genetics of hybrid rice
- [1994-\$50,000 in addition to remaining funds from prior year appropriations]
For use by its South China Institute of Botany, Guangzhou, for research to induce and develop a new source of male sterility in indica rice by tissue and cell culture.
- [1994-\$60,000 in addition to remaining funds from prior year appropriations]
For use by the Shanghai Institute of Plant Physiology for research on the regulation of expression on the rice waxy gene
- Cornell University
Ithaca, New York
[1994-\$150,000 in addition to remaining funds from prior year appropriations]
For research on cloning, characterizing, and transferring genes in rice
- John Dille
Rock Hill, South Carolina
[1994-\$46,500 in addition to remaining funds from prior year appropriations]
Toward the costs of publication of the Rice Biotechnology Quarterly
- Foundation for Research in Applied Biology (FIBA)
Mar del Plata, Argentina
[1994-\$10,000 in addition to remaining funds from prior year appropriations]
For research on a biochemical and molecular approach to increasing rice production by manipulating sucrose metabolism
- French Institute of Scientific Research for Cooperative Development (ORSTOM)
Paris, France
\$93,840
Toward the costs of establishing a rice-transformation training center
- Guangxi Agricultural University
Nanning, China
\$32,800
For a study of the genetic transformation of rice plants with the major intrinsic protein gene (*rMip1*) and the tonoplast intrinsic protein gene (*rTIP1*) for drought and salt resistance To be undertaken by Biotechnology Career Fellow Dr Liu Qiang under the direction of Professor Hirofumi Uchimiya, Institute of Molecular and Cellular Biosciences, University of Tokyo, Japan
- Health Research Incorporated
Buffalo, New York
\$87,035
For use by the Roswell Park Cancer Institute toward the costs of developing Map Manager genetic mapping software for multiple computer systems
- Huazhong Agricultural University
Wuhan, China
\$60,000
For research on the genetic manipulation of antifungal substances from bacteria
- [1994-\$75,000 in addition to remaining funds from prior year appropriations]
For research on RFLP mapping and identifying the gene for photoperiod-sensitive male sterility in rice
- Hunan Hybrid Rice Research Center
Changsha, China
\$50,000
Toward the costs of research on exploiting heterosis in rice and on the identification of quantitative trait loci (QTLs) from wild rice species
- Institute of Agriculture and Animal Science
Rampur, Nepal
\$45,023
For research on the genetic diversity of *Xanthomonas oryzae* pv *oryzae* in Nepal
- Institute of Biotechnology
Hanoi, Vietnam
\$100,400
Toward the costs of establishing a facility for genetic mapping and application to the improvement of rice
- Institute of Crop Breeding and Cultivation
Beijing, China
\$60,000
For research on the population structure and genetic diversity of *Xanthomonas oryzae* pv *oryzae* in China
- International Center for Tropical Agriculture (CIAT)
Cali, Colombia
[1994-\$150,000 in addition to remaining funds from prior year appropriations]
To support biotechnology research on rice RFLP mapping, rice hoja blanca virus, and rice anther culture
- International Rice Research Institute (IRRI)
Manila, Philippines
[1994-\$700,000 in addition to remaining funds from prior year appropriations]
For the continuation of research on the application of biotechnology to rice improvement, including wide hybridization, rice genetics and rice genome mapping, molecular techniques in rice pathology, the use of *Bacillus thuringiensis* genes for insect pest control, and crop genetic engineering
- \$34,400
For collaborative research with the South China Institute of Botany, Chinese Academy of Sciences, on genes that control cytoplasmic male sterility in rice
- \$60,300
For research on developing marker-aided selection techniques for identifying flood-tolerant rice genotypes
- \$14,000
For research on developing marker-aided selection techniques for identifying flood-tolerant rice genotypes
- \$20,500
For collaborative research with the Biotechnology Research Center, Chinese Academy of Agricultural Sciences, on the production of transgenic rice containing insect resistance
- \$34,000
For research on the molecular mapping of genes that control cytoplasmic male sterility and fertility restoration in rice
- International Service for the Acquisition of Agri-Biotech Applications (ISAAA)
Ithaca, New York
\$100,000
Toward the costs of transferring biotechnology applications from Japan to other rice-dependent countries of Asia
- Kansas State University
Manhattan, Kansas
[1994-\$10,000 in addition to remaining funds from prior year appropriations]
To support research on genes for resistance to the sheath blight pathogen of rice
- \$2,000
Toward the costs of a training course on recombinant DNA techniques held at the University of the Philippines at Los Baños, October 14-28, 1994
- Lehman College
New York, New York
[1994-\$89,250 in addition to remaining funds from prior year appropriations]
For research on improvement of the carotenoid content of rice endosperm
- M. G. Science Institute
Ahmedabad, India
\$40,600
For a study of carotenoid biosynthesis in rice endosperm, to be undertaken by Biotechnology Career Fellow Dr Vivek N Upasani under the direction of Dr Eleanore T Wurtzel, Department of Biological Sciences, Lehman College, The City University of New York
- Maharaja Sayajirao University of Baroda
India
[1994-\$153,000 in addition to remaining funds from prior year appropriations]
Toward the costs of research on the genetic engineering of rice, with emphasis on resistance to the blast fungus *Pyricularia oryzae*

Malaysian Agricultural Research and Development Institute
Kuala Lumpur
[1994-\$47,150 in addition to remaining funds from prior year appropriations]
For screening of transgenic rice expressing coat protein(s) of rice tungro spherical virus (RTSV) for resistance against the tungro disease

Marappagounder G. Maheswaran,
Tamil Nadu Agricultural University Coimbatore
India
[1994-\$1,080 in addition to remaining funds from prior year appropriations]
For research on the molecular characterization of genes for disease and insect resistance in rice

Poonsak Mekwatanakarn,
Ubon Rice Research Center
Ubon Ratchthan
Thailand
\$24,400
For research on characterizing the genetic structure and virulence diversity of the rice blast fungus in Thailand, to be conducted at Purdue University under the direction of Dr. Morris Levy

Michigan State University
East Lansing
[1994-\$15,500 in addition to remaining funds from prior year appropriations]
For research on the genetic analysis of brown plant-hopper biotypes

National Center for Genetic Engineering and Biotechnology (NCGEB)
Bangkok, Thailand
[1994-\$32,000 in addition to remaining funds from prior year appropriations]
For research on the characterization of rice blast populations by lineage using DNA fingerprinting, to be conducted by Poonsak Mekwatanakarn at Kasetsart University

\$187,500
Toward the costs of establishing integrated rice biotechnology research and human resource capacity building in Thailand and Southeast Asia

Nuclear Institute for Agriculture and Biology (NIAB)
Faisalabad, Pakistan
[1994-\$672 in addition to remaining funds from prior year appropriations]
For research on improvement of salt tolerance of rice through wide hybridization

Ohio State University Research Foundation
Columbus, Ohio
[1994-\$152,403 in addition to remaining funds from prior year appropriations]
For research on the enhancement of nitrogen assimilation and proline synthesis in rice

Griengrai Pantuwan, Rice Research Institute of Thailand
Bangkok
\$85,000
For research on drought resistance in rice leading to a Ph.D. degree at the University of Queensland

Philippine Rice Research Institute
Maligaya Munoz
Nueva Ecija
\$120,000
For biotechnology research on the genetic improvement of rice in the Philippines

Punjab Agricultural University
Ludhiana, India
\$18,208
To enable Punjab Agricultural University (PAU) staff member Virash Kamal Gupta to receive training in rice biotechnology at the International Laboratory for Tropical Agricultural Biotechnology/The Scripps Research Institute (ILTAB/TSRI), La Jolla, California

Purdue University
Indiana
[1994-\$200,000 in addition to remaining funds from prior year appropriations]
For research on indexing genotypic diversity in the rice blast fungus by DNA fingerprinting analysis

Research Laboratory for Agricultural Biology and Biochemistry (RLABB)
Kathmandu, Nepal
[1994-\$45,000 in addition to remaining funds from prior year appropriations]
For research to develop anther culture techniques to increase the efficiency of rice breeding

Salk Institute for Biological Studies
San Diego, California
[1994-\$52,083 in addition to remaining funds from prior year appropriations]
For research on the molecular mechanisms for induction of rice defense responses to microbial disease

The Scripps Research Institute
La Jolla, California
\$79,071
Toward the costs of establishing a rice-transformation training center

Shandong Agricultural University
Taiwan, China
\$40,000
For research on the establishment of efficient rice-transformation systems and bioengineered resistance of rice to insects

Shanghai Institute of Plant Physiology
China
\$50,000
For research on elicitors that can induce hypersensitive response in rice

South China Agricultural University
Guangzhou, China
\$20,000
For research on the molecular mapping of genes that control cytoplasmic male sterility and fertility restoration in rice

SPIC Science Foundation
Madras, India
[1994-\$145,000 in addition to remaining funds from prior year appropriations]
Toward the costs of research on the characterization of the mitochondrial genome in rice and its role in the expression of cytoplasmic male sterility

Tamil Nadu Agricultural University (TNAU)
Madurai, India
\$15,690
To enable Tamil Nadu Agricultural University (TNAU) staff member P. Bolasubramanian to receive training in rice biotechnology at the International Laboratory for Tropical Agricultural Biotechnology/The Scripps Research Institute (ILTAB/TSRI), La Jolla, California

\$5,000
Toward the costs of research on the improvement of rice grain quality, to be conducted by Dr. A. Manickam at the Catholic University of Leuven, Belgium

Texas A&M University
College Station, Texas
\$109,360
For research on mapping genes that contribute to heterosis in rice

Texas Tech University
Lubbock, Texas
[1994-\$150,000 in addition to remaining funds from prior year appropriations]
For research on the use of molecular tools for the genetic analysis of root penetration in rice

University of California
Davis
\$92,000
Toward the costs of maintenance and distribution of a rice bacterial artificial chromosome (BAC) library

University of Florida
Gainesville
\$52,000
For research on betaine accumulation in rice

University of the Philippines
Los Baños
[1994-\$44,000 in addition to remaining funds from prior year appropriations]
Toward the costs of research on specific probes for rice pathogen detection and monitoring of *Xanthomonas oryzae* pv. *oryzicola*

Washington State University
Pullman
[1994-\$83,333 in addition to remaining funds from prior year appropriations]
For research on the control of starch synthesis during rice endosperm development

\$120,000
For research on the characterization of the rice blast fungus *Pyricularia oryzae* from upland rice-screening sites

West Africa Rice Development Association (WARDA)
Bouaké, Cote d'Ivoire
\$235,000
For research on the application of anther culture to the improvement of varieties of African rice

Zhongshan University
China
[1994-\$30,000 in addition to remaining funds from prior year appropriations]
For research on the molecular biology of wide compatibility genes in rice

[1994-\$30,000 in addition to remaining funds from prior year appropriations]

For research on transformation techniques for the improvement of rice

Foundation-Administered Project
[1994-\$100,000 in addition to remaining funds from prior year appropriations]

Toward the administrative costs of the program

Sorghum and Millet Biotechnology

[1992-\$700,000 in addition to remaining funds from prior year appropriations]

To further the development of molecular genetic techniques for sorghum and millet improvement and to train developing-country scientists in their use

Swaminathan Research Foundation

Taramani, India

\$10,000

Toward the costs of the Second Asia-Pacific Conference on Agricultural Biotechnology, held in Madras, India, March 6-10, 1994

United States Department of Agriculture for use by the Plant Genome Research Program of the Agricultural Research Service

Beltsville, Maryland

\$10,000

To support the travel of scientists from developing countries attending the Plant Genome II meeting held January 24-27, 1994, in San Diego, California

Yale University

New Haven, Connecticut

\$30,000

To fund a collaboration with the John Innes Institute to explore the potential for blocking the transmission of viruses by aphids via the introduction of antiviral genes into the symbiotic bacteria of aphids

BUILDING CROP MANAGEMENT CAPABILITIES IN AFRICA

African Association for Farming Systems Approach to Research Extension and Training

Nairobi, Kenya

\$7,000

Toward the costs of its First Regional Symposium, held February 2-March 4, 1994

African Centre for Technology Studies

Nairobi, Kenya

\$10,650

For the publication and dissemination of a Kenyan edition of the book *More People, Less Erosion*

Cary Farley

Gainesville, Florida

\$8,250

Toward the costs of a research project on soil resource management and agricultural change in the highlands of southwest Uganda

Fertilizer-Efficient Maize for Southern Africa

[1992-\$120,000]

To evaluate selected maize varieties for their tolerance to nutrient-poor-status soils in Mozambique and elsewhere in southern Africa

International Maize and Wheat Improvement Center (CIMMYT)

Mexico

[1994-\$8,000 in addition to remaining funds from prior year appropriations]

Toward the costs of a project on n-efficient maize in Mozambique, Malawi, and Zimbabwe

\$12,500

Toward the costs of a training initiative with Eduardo Mondlane University, Mozambique, related to a project on n-efficient maize in Mozambique and Zimbabwe

Forum on Agricultural Resource Husbandry in Sub-Saharan Africa

[1994-\$900,000 in addition to remaining funds from prior year appropriations]

To strengthen graduate education at selected faculties of agriculture in eastern and southern Africa through an Africa directed competitive grants program that encourages faculty members and students, in collaboration with nonuniversity research personnel, to undertake multidisciplinary field research on crop and resource management

Africa University

Mutare, Zimbabwe

\$5,000

For a preparation grant for a research project entitled "Study of Soil Management Options for Improved Groundnut Production in Zimbabwe"

\$50,000

For soil management options for improved groundnut production in Zimbabwe

Makerere University

Kampala, Uganda

\$5,000

For a preparation grant for a research project entitled "Integration of Forage Legumes into Maize-Crop/Livestock Farming Systems for Sustainable Food Production"

\$65,000

For support of a project entitled "Utilization of Agricultural Plant Residues for Sustainable Crop Production"

\$41,600

For research on the current status, constraints, and potential of upland rice production in Uganda

University of Malawi

Zomba

\$26,500

For use by Bunda College for a research proposal, "An investigation of the Potential for Adoption of Maize-Based Agroforestry Technologies by Smallholder Farmers in Zomba North RDP in Southern Malawi"

\$5,000

For use by Bunda College for a preparation grant for a research project dealing with striga management in maize-based production systems in Malawi

\$5,000

For use by Chancellor College for a preparation grant for a research project dealing with termite control in smallholder maize-based farming systems in Malawi

University of Nairobi

Kenya

\$60,000

For research on the economics of fertilizer use in maize production among smallholder farmers in Kenya

\$75,000

For a research project entitled "Agricultural Resource Management in Smallholder Highland Systems"

University of Zimbabwe

Harare

\$5,000

For a preparation grant for a project to evaluate and implement a soil management package for variable rainfall conditions in Zimbabwe

\$79,500

For a project to evaluate and implement a soil management package for variable rainfall conditions in Zimbabwe

\$3,250

For a preparation grant for a study of the ecological relationships between soil nematodes from selected habitats as bioindicators of sustainable land use in marginal areas of southern Africa

\$30,830

For use by the Department of Crop Science for an integrated crop management research project to improve maize yields for smallholder farmers in Zimbabwe

\$45,850

For a research project on integrated draught animal and crop management in the context of improved crop productivity

\$23,770

For a project entitled "Soil Moisture Characteristics of Zimbabwean Soil"

\$103,080

For a project entitled "Influence of Land Use on Rates of Deep Seepage Through Soils and Aquifer Recharge in Zimbabwe"

Wye College, University

of London

England

\$30,000

To develop a distance learning course on research methods and data analysis for agronomists

Foundation-Administered Projects

\$160,000

For the administrative costs of the Agricultural Resource Husbandry program

\$55,000

For the first FORUM grantees meeting, held in Kampala, Uganda, August 30-September 2, 1994

Government of Malawi

Lilongwe

\$50,000

To continue strengthening the capacity of Malawi's Department of Agricultural Research to design and conduct a maize program directed to the needs of smallholder farmers

Integrated Banana Research in Uganda

[1994-\$750,000 in addition to remaining funds from prior year appropriations]

To define the role of pests and pathogens in constraining banana production in Uganda and to devise biological control measures for the most important insects

International Institute of Tropical Agriculture (IITA)
Ibadan, Nigeria
\$88,645

For research into the genetic variability in the Highland Banana in Uganda

Makerere University
Kampala, Uganda

\$14,067
To complete the funding of Phase II of the Uganda banana-based cropping systems research project

\$77,350
For use by the Department of Crop Science for equipment for its banana tissue culture project

\$51,000
For use by the Department of Crop Science in conjunction with its work on the Uganda National Banana-Based Cropping Systems Project for improvement of its research facilities and support of research assistants

National Agricultural Research Organization

Kampala, Uganda
\$375,870
To support Phase III of the banana-based cropping systems project

International Centre for Insect Physiology and Ecology (ICIPE)
Nairobi, Kenya

[1994-\$325,000 in addition to remaining funds from prior year appropriations]
To continue support for its Social Sciences Interface Research Unit

\$10,000
For the Third International Conference on Tropical Entomology, held in Nairobi, October 30 - November 4, 1994

International Institute of Tropical Agriculture (IITA)

Ibadan, Nigeria
\$14,500
To support participation by African researchers from its Root & Tuber Improvement Program at the Tenth Symposium of the International Society for Tropical Root Crops

\$30,000
For further support of the Collaborative Study of Cassava in Africa, to include research on the urban utilization of cassava in Tanzania and to initiate the study in Zanzibar

Kenya Agricultural Research Institute (KARI)

Nairobi
\$6,500
For use by the National Agricultural Research Centre (NARC) Muguga for Integrated Pest Management training for an entomologist at NARC Muguga

Maize Research in Malawi
Lilongwe
[1994-\$350,000 in addition to remaining funds from prior year appropriations]
To continue strengthening the capacity of Malawian researchers to design and conduct a maize research program that addresses the needs of smallholder farmers

Government of Malawi
Lilongwe
\$62,600
To the Department of Agricultural Research in support of research on striga control undertaken by Mr. Vernon Kabambe of the Maize Agronomy Commodity Team

\$70,500
To support maize breeding programs in Malawi

Makerere University
Kampala, Uganda
\$60,000
For the Second Crop Science Conference for Eastern and Southern Africa and development of an African crop science journal

\$5,500
To support the fourteenth conference of the Soil Science Society of East Africa

Michigan State University
East Lansing
\$34,000
For a workshop and book on Africa's Maize-Based Green Revolution

Ministry of Lands, Agriculture and Rural Resettlement, Government of Zimbabwe
Harare
[1994-\$300,000 in addition to remaining funds from prior year appropriations]
To fund university-level correspondence course training for experienced field officers of the National Agricultural Extension Organization

Rehabilitation of Arid Environments Charitable Trust
Nairobi, Kenya
\$30,000

For a model project at Baringo District, Kenya, to create a database for establishing viable land-management practices

Rene Dubos Center for Human Environments, Inc
New York, New York

\$15,000
For organizing a conference entitled "Technological Prospects for Sustainable Agriculture," to be held at the Bellagio Study and Conference Center

Soils Management to Overcome Yield Constraints
[1994-\$1,900,000 in addition to remaining funds from prior year appropriations]
To identify and evaluate ideas for overcoming soil based limitations to sustainable, economic yields in banana and maize cropping systems in the principal agricultural soils of eastern and southern Africa

Department of Agricultural Research, Government of Malawi
Lilongwe
\$181,000
To support research of the Malawi Maize Agronomy Team

\$65,000
To support the maize research of the Soils Commodity Team

Elizabeth Dyck
Nairobi, Kenya
\$44,600
For research on soil fertility constraints and potential interventions in the low-input, permanently cropped maize systems of highland Kenya

Ian Hayes, Malawi Agroforestry Extension Project
Lilongwe
\$60,000
To research the economics of soil fertility in maize production

International Centre for Research in Agroforestry (ICRAF)
Nairobi, Kenya
\$25,000
To refine research priorities for natural resource management research in the highlands of eastern and central Africa

\$42,900
For continuation of research on hedgerow intercropping for soil fertility improvement using Calliandra calothyrsus and Leucaena leucocephala in Embu, Kenya

International Institute of Tropical Agriculture (IITA)
Ibadan, Nigeria
\$8,200
To support the workshop activities of its Soils and Plant Analytical Laboratory Network for Africa (SPALNA)

International Maize and Wheat Improvement Center (CIMMYT)
Mexico City, Mexico
\$150,000
Toward the further development of a maize database, a collaborative project with the Kenya Agricultural Research Institute

\$209,200
For the development of a soil fertility research network to improve the productivity of smallholder maize-based cropping systems in countries of southern Africa

\$130,890
For the development, in conjunction with the Kenya Agricultural Research Institute and the International Fertilizer Development Center, of an integrated approach to assessing soil fertility and climatic interactions in pilot maize-producing areas of Kenya

Kenya Agricultural Research Institute (KARI)
Nairobi, Kenya
\$140,000
For the establishment of the Socio-Economics Unit of the Institute

\$107,000
For a collaborative project with the Tropical Soils Biology and Fertility Programme (TSBF) and the Wageningen Group, The Netherlands, monitoring nutrient transfers to quantify the productivity and sustainability of agroecosystems and the NUTMON project

\$60,000
For research on the intercropping of forage legumes with maize and fodder grasses

Ministry of Lands, Agriculture and Rural Resettlement
Government of Zimbabwe
Harare
\$84,500
For use by the Department of Research and Specialist Services for research on improving the feed supply to draft animals by using multipurpose perennial legumes.

- \$239,500**
For use by the Department of Research and Specialist Services to map crop and soil nutrient status for improved fertilizer recommendations in the communal farming areas of Zimbabwe
- \$88,000**
For use by the Department of Research and Specialist Services for research on crop sequence and fertility management in maize, sunflower, and groundnut systems on sandy soils
- \$35,700**
For use by the Department of Research and Specialist Services for research on soil fertility management through relay green manuring
- \$85,500**
For use by the Department of Research and Specialist Services for an evaluation of conservation tillage in small-scale farming areas of Zimbabwe
- Dalmas Sigunga Egerton University**
Njoro, Kenya
\$15,000
For research on fertilizer nitrogen-use efficiency and nutrient uptake by maize in a vertisol in Kenya
- Tropical Soil Biology and Fertility Programme**
Nairobi, Kenya
\$31,800
For continuation of the project "Spatial Characterization of the Opportunities for and Limitations to Improved Soil Management in Eastern Africa"
- \$57,000**
To support Phase II of its Rhizobium Ecology Network of East and Southern Africa (RENEASA) Inoculation Response Model Validation and Rhizobial Mapping
- University of Berne**
Switzerland
\$11,700
For use by the Group for Development and Environment of the University's Institute of Geography for a natural resources modeling workshop to be conducted by the Laikipia Research Programme, a collaborative program with the University of Nairobi
- University of Zimbabwe**
Harare
\$74,000
To carry out studies on institutional support to smallholder farmers in Zimbabwe
- Village Enterprise Zone Associations International, Inc**
Chicago, Illinois
\$60,200
To assist the Chitedze Agricultural Resource Station in Malawi with maize fertilizer verification trials
- Foundation-Administered Project**
\$30,100
In support of research projects in Kenya, one for testing existing soil management options in association with farmers and the other for evaluating the potential of green manures in farming systems
- Tropical Soil Biology and Fertility Programme**
Nairobi, Kenya
\$2,790
For participation in the first Global Change and Terrestrial Ecosystems Science Conference
- University of Malawi**
Zomba
\$30,000
To improve access to scientific literature in the University of Malawi system and cooperating research agencies
- University of Zimbabwe**
Harare
\$5,250
For a survey of maize viruses in Zimbabwe detection, identification, and distribution of maize viruses and strains and their vector
- \$4,500**
For research on land tenure and agricultural policy
- Winrock International Institute for Agricultural Development**
Arkansas
\$27,430
To enable alumni researchers in its African Rural Social Sciences Research Network to participate in a peer review workshop and an International Association for Agricultural Economists conference, both held in Harare, Zimbabwe, in August 1994
- Foundation-Administered Projects**
\$162
To provide technical assistance to the COSCA (Collaborative Study of Cassava in Africa) study being undertaken by the International Institute of Tropical Agriculture (IITA)
- \$49,250**
To support a Bellagio Team residency of three one-week periods on the characterization of African agricultural systems
- \$60,000**
To provide technical assistance to the Consultative Group on International Agricultural Research (CGIAR) for its efforts to develop a unified strategy for livestock research
- \$10,000**
To enable participation at CIMMYT's International Insect Resistant Maize Symposium by scientists working on Foundation-funded projects in Africa and Mexico
- \$25,000**
To provide technical assistance to the Consultative group on International Agricultural Research for its efforts to develop a unified strategy for livestock research
- Career Development Fellowships**
[1994-\$400,000]
To assist agricultural institutions in Kenya, Malawi, Uganda, and Zimbabwe—the African focus countries under Agricultural Sciences—in retaining highly productive staff
- Social Science Research Fellowships in Agricultural Sciences**
[1994-\$900,000 in addition to remaining funds from prior year appropriations]
To build a cadre of outstanding North American and African social scientists who have experience as members of multidisciplinary teams of international agricultural research institutes and, in the process, to help those institutes enhance their outreach systems and incorporate a knowledge of farming into problem identification and research strategy formulation
- NATURAL RESOURCE MANAGEMENT**
- Agroforestry-Curriculum Development**
[1994-\$500,000]
To encourage the development of sustainable agricultural systems in Latin America and Southeast Asia by establishing independent graduate-level programs in agroforestry in Mexico and Thailand that can serve regional needs
- Colegio de Postgraduados**
Montecillo, Mexico
\$10,000
To provide technical support for a field research project on maize-legume systems in the State of Chiapas being carried out under the direction of the Universidad Autonoma de Chiapas.
- International Center for Tropical Agriculture (CIAT)**
Cali, Colombia
\$4,000
To support the participation of scientists from Brazil, Colombia, Venezuela, and Costa Rica in a planning meeting of the Research Consortium for the Management of Acid Soils, held in Turrialba, Costa Rica, March 28-30, 1994
- International Centre for Research in Agroforestry (ICRAF)**
Nairobi, Kenya
\$50,000
For a collaborative project with the National Institute for Forestry and Agricultural Research of Mexico (INIFAP) and the Organization of Ejido Forest Producers of Zona Maya (OEFPZM) on improving milpa soil fertility and productivity for sustainable agriculture in the Yucatán
- International Fertilizer Development Center (IFDC)**
Muscle Shoals, Alabama
\$51,000
For Phase II of a collaborative project with the Soil and Water Department of the Uruguayan Ministry of Agriculture and FUCREA, a farmers' organization, entitled "Farm Level Modeling for Natural Resource Use Planning: A Case Study in Uruguay"
- International Food Policy Research Institute**
Washington, D C
\$75,000
To support a project entitled "Strengthening Regional Networks for Policy Research on the Latin American Hillside"
- International Maize and Wheat Improvement Center (CIMMYT)**
Mexico City, Mexico
\$3,000
To provide training in information management to staff in its Information Office

Natural Resources Management Mexico

[1994-\$1,000,000 in addition to remaining funds from prior year appropriations]

To support a process by which Mexican researchers, smallholders, and members of nongovernment organizations (NGOs) work in collaboration to evaluate potentially sustainable natural resource management systems for small farmers in diverse marginal areas

Centre for Land and Biological Resources Research Agriculture Ottawa, Canada

\$5,500

For the development of and to provide technical assistance for case studies in sustainable land management within the Foundation's Natural Resources Management program in Mexico

Centro de Investigaciones Ecologicas de Sureste Chiapas, Mexico

\$70,000

For research on alternatives for sustainable production in Los Altos de Chiapas

Centro Indígena de Capacitación Integral, A C (CIDECI) Chiapas, Mexico

\$50,000

For training and technology demonstration and validation in the adoption of natural resource management practices to local agricultural settings, to be carried out at two community training centers that target indigenous populations

Colegio de Postgraduados Monticello, Mexico

\$60,000

For use by its Center for the Humid Tropics in Veracruz for research on natural resources management in wetlands, low Papaloapan River watershed

Estudios Rurales Y Asesoria, A C Oaxaca, Mexico

\$90,000

Toward the costs of development of an environment management capacity in the Union of Zapoteco and Chmantecca communities

Grupo Interdisciplinario de Tecnologia Rural Apropiable (GIRA) A C. Michoacán, Mexico

For a project aimed at strengthening the linkages among participants in the Natural Resources Management program in Mexico

Instituto Tecnológico y de Estudios Superiores de Monterrey Nuevo Leon, Mexico

\$30,000

For use by its Center for International Competitiveness to continue research on the management and rehabilitation of saline and sodic soils in Vaquerias, State of Nuevo Leon

Maderas del Pueblo de Sureste, A C Mexico City, Mexico

\$40,000

For a project concerned with alternatives for development and community participation in Chimalapas, Oaxaca

Organizacion de Ejidos Forestales de la Zona Maya Quintana Roo, Mexico

\$90,000

Toward the costs of strengthening the farmers organization's capacity to design and implement a natural resources management project for the ejidos in the Maya region of Yucatan

Proyecto Sierra de Santa Marta, A C Veracruz, Mexico

\$30,000

To support the project 'Participative Planning and Sustainable Development of the Texizapan-Xonupa Watershed'

Servicios para el Desarrollo, A C Ixmiquilpan, Mexico

\$50,000

Toward the costs of natural resources management improvement in the Valley of Mezquital, State of Hidalgo

Union de Ejidos Y Comunidades de Cafeticultores Del Beneficio Majomut Chiapas, Mexico

\$70,000

Toward the costs of a project entitled 'Research and Promotion of Adequate Technology for Coffee Cultivation in the Region of Los Altos de Chiapas'

Universidad Autónoma Chapingo Mexico

\$100,000

Toward the costs of a project entitled 'Sustainable Development of Agroecosystems in the South of the State of Sinaloa' to be carried out jointly with INIFAP (the National Institute on Forest and Agriculture Research)

Universidad de Colima Mexico

\$35,000

For use by its Center for Economic Research for research on sustainable development in the 'Sierra de Manantlan' Biosphere Reserve, State of Jalisco

Universidad Nacional Autónoma de Mexico Mexico City

\$95,000

For use by its School of Science for research on sustainable management of natural resources in the community of San Nicolas Zoyatlán, State of Guerrero

Foundation-Administered Project

\$125,000

To support administrative and network activities related to the Natural Resources Management program in Mexico

Universidad de Buenos Aires Argentina

\$25,000

For use by its Faculty of Agriculture for partial support to implement a graduate course on the sustainability of natural resources management

Universidad Autónoma Chapingo Mexico

\$5,000

For partial support of an international training course on agroforestry for ecodevelopment

\$50,000

To support field research on maize-legume systems in the State of Chiapas

\$15,000

To support field research on maize legume systems in the State of Oaxaca

Foundation-Administered Project

\$10,000

To enable participation at CIMMYT's International Insect Resistant Maize Symposium by scientists working on Foundation-funded projects in Africa and Mexico

Health Sciences Grants

The Health Sciences division supports developing countries in their efforts to improve public health and provide more appropriate clinical services by advancing a strategy of population-based health. The division also supports research, with the Population Sciences division, to improve the quality and coverage of reproductive health and family planning services, as well as the development of new diagnostic and prevention technologies related to the spread of sexually transmitted diseases.

FOSTERING POPULATION BASED HEALTH CARE

Asian Group for Rapid Viral Diagnosis
Singapore
\$5,000
In support of developing-country participation at the Third Asia-Pacific Congress of Medical Virology, held in Beijing, China, October 23-28, 1994

Australian National University
Canberra
\$50,000
For use by its Health Transition Centre in support of a research project entitled "The Health Status of the Aged in India: The Role of Cultural, Social, and Behavioral Factors"

Beijing Children's Hospital
China
\$39,500
In support of a case control study on acute motor axonal neuropathy of children in China

Children's Vaccine Initiative
[1994-\$1,100,000 in addition to remaining funds from prior year appropriations]
To support vaccine research programs and other activities related to the development and distribution of children's vaccines in developing countries

World Health Organization
Geneva, Switzerland
\$600,000
To continue support for its Programme for Vaccine Development
\$250,000
To continue support for its Expanded Programme on Immunization

\$400,000
For the costs of the Consultative Group of the Children's Vaccine Initiative

City University of New York
New York
\$25,000
For use by its Queens College in support of a project to study new initiatives aimed at furthering the development of vaccines for the peoples of Asia, Africa, and Latin America

ComCare International, Inc
Kingston, New York
\$21,500
For further development and preliminary trials of a solar powered heating aid

Comitan Center for Health Research
Chiapas, Mexico
\$50,000
To increase the local and regional capacity of the Center to conduct population-based research and integrate the results into community-based health care programs

Community-Based Prevention of Dengue
[1993-\$1,200,000 in addition to remaining funds from prior year appropriations]
To phase out support for community based approaches in Honduras and Mexico to integrated control of the urban mosquito vector of dengue and yellow fever

Johns Hopkins University
Baltimore, Maryland
\$138,600
To continue support for research and training in community-based approaches to the control of Aedes aegypti, the urban mosquito vector of dengue fever

Ministry of Public Health
El Progreso, Honduras
\$225,000
To continue funding of a community-based Aedes aegypti control project in Honduras

Tulane University
New Orleans, Louisiana
\$53,150
For use by its Medical Center to complete support of a pilot project on the use of cyclops and copepods for Aedes aegypti control

Foundation-Administered Project
\$75,000
In support of an international meeting in Honduras, March 6-10, 1994, and for other administrative expenses in connection with the community-based program for the prevention of dengue

Cornell University
New York
\$27,800
For use by its Medical College in support of a project entitled "Immunochemotherapy for Indian Visceral Leishmaniasis"

Environmental Protection Administration
Taiwan, China
\$18,000
Toward the costs of a meeting on urban cross-sectoral Aedes aegypti dengue control, held in Taipei, May 23-25, 1994 (joint grant with Global Environment for a total of \$36,000)

Exploration on Health and Environment
[1993-\$800,000 in addition to remaining funds from prior year appropriations]
To investigate interactions between health and the environment in the Amazon region of Brazil

Universidade Federal de Minas Gerais, Brazil
\$500,000
For use by its Center for Regional Planning and Development for an investigation of interactions between health and the environment in the Amazon region of Brazil

Harvard University
Cambridge, Massachusetts
\$50,000
Toward the costs of its 1994 International Health Leadership Forum and a Bellagio conference entitled "Leadership in Health for the 21st Century"

\$10,600
For a planning meeting to develop an international initiative focused on urban health problems and potential solutions

\$40,000
For the purchase and distribution of a report on international mental and behavioral health

\$60,000
In support of activities related to the application of burden of disease methodology in developing countries

\$20,000
To enable a developing-country researcher to participate in the Takemi Program in International Health

Health Sciences for the Tropics
[1991-\$1,700,000 in addition to remaining funds from prior year appropriations]
To strengthen the capacity of developing countries to conduct research on major tropical diseases through North-South and South-South research partnerships

Centro de Investigacion Sobre Ingeniería Genética Y Biotecnología/UNAM
Mexico
\$193,500
For continued support of a research project entitled "The Application of Biotechnology to the Enteric Infections of Childhood" (With debt swap)

Christian Medical College and Hospital
Vellore, India
\$93,500
For support of a research project entitled "Diarrheal Disease: Basic Mechanisms and Host Responses: A Molecular, Clinical, and Epidemiologic Approach"

National Institute of Allergy and Infectious Diseases
Bethesda, Maryland
\$70,000
For support of a research project entitled "Malaria Control Through Modification of Anopheles gambiae Vector Population"

Institute for Healthcare Improvement
Boston, Massachusetts
\$26,550
For a project to explore the extent to which quality management principles and techniques might be applied to enhance the capacity for change in the health care systems of the developing world

International Clinical Epidemiology Network [1994-\$5,000,000 in addition to remaining funds from prior year appropriations] To continue support for core activities of the International Clinical Epidemiology Network (INCLLEN) the training provided by both Southern and Northern clinical epidemiology resource and training centers (CERTCs) and further transfer of training responsibility to Southern institutions with clinical epidemiology units	\$270,000 In support of INCLLEN initiatives in pharmacoepidemiology bio statistics and community based undergraduate curriculum reform	University of Chile Santiago \$25,000 For core support of its Clinical Epidemiology Unit	Meharry Medical College Nashville, Tennessee \$10,035 To phase out support for developing-country researcher participation in a project entitled "Characterization of the Trypanosome Alternative Oxidase in Its Gene from Trypanosoma Brucei Brucei"
Addis Ababa University Ethiopia \$25,000 For support of its Clinical Epidemiology Unit	Khon Kaen University Thailand \$25,000 For core support of its Clinical Epidemiology Unit	University of Nairobi Kenya \$33,200 For core support of its Clinical Epidemiology Unit	Ministry of Health of Mexico Mexico City \$400,000 For a multicenter research study on childhood inflammatory diarrheal disease
Chulalongkorn University Bangkok, Thailand \$198,810 To continue support of Phase II CERTC activities within INCLLEN on behalf of the Thai consortium	Makerere University Kampala, Uganda \$44,250 For core support of its Clinical Epidemiology Unit	University of North Carolina Chapel Hill \$305,000 To continue support for the Clinical Epidemiology Resource and Training Center (CERTC) established at this university as part of the Foundation's International Clinical Epidemiology Network (INCLLEN)	National Epidemiology Boards [1994-\$700,000 in addition to remaining funds from prior year appropriations] To continue support for core activities of the epidemiology boards in Thailand and Cameroon
\$50,000 For core support of its Clinical Epidemiology Unit	McMaster University Ontario, Canada \$378,000 To continue support for the Clinical Epidemiology Resource and Training Center (CERTC) established at this university as part of the Foundation's International Clinical Epidemiology Network (INCLLEN)	University of Pennsylvania Philadelphia \$382,960 To continue support for the Clinical Epidemiology Resource and Training Center (CERTC) established at this university as part of the Foundation's International Clinical Epidemiology Network (INCLLEN)	Ministry of Public Health of Thailand Bangkok \$358,676 To continue support for the core activities of its Thailand Health Research Institute/National Epidemiology Board of Thailand
Emory University Atlanta, Georgia \$26,718 In support of the INCLLEN Environment and Occupational Health Initiative working group	Pontificia Universidad Javeriana Bogotá, Colombia \$175,000 For support of Phase II activities within INCLLEN	University of the Philippines Manila \$175,000 For support of Phase II CERTC activities within INCLLEN	Partnership for Child Development [1993-\$1,000,000 in addition to remaining funds from prior year appropriations] To support studies by developing countries on the feasibility and cost effectiveness of providing children with anthelmintic (anti worm) and micronutrient chemotherapy via the school system
Escola Paulista de Medicina São Paulo, Brazil \$175,000 For support of Phase II transition activities within INCLLEN	Shanghai Medical University China \$33,050 For Phase II transition activities within INCLLEN	University of Toronto Canada \$94,080 For support of the 1993-1994 courses in Health Care Evaluation and Management Skills in China and Level II Management Training	University of Oxford England \$331,960 To continue support of studies by developing countries on the feasibility and cost effectiveness of providing children with anthelmintic (anti worm) and micronutrient chemotherapy via the school system
Gadjah Mada University Yogyakarta, Indonesia \$35,000 To support the development of the library at this INCLLEN Phase II CERTC	Suez Canal University Ismailia, Egypt \$25,000 For core support of its Clinical Epidemiology Unit	University of Zimbabwe Harare \$25,000 For core support of its Clinical Epidemiology Unit	University of Oxford England \$331,960 To continue support of studies by developing countries on the feasibility and cost effectiveness of providing children with anthelmintic (anti worm) and micronutrient chemotherapy via the school system
INCLLEN, Inc Philadelphia, Pennsylvania \$300,000 For core support of its Executive Office and Program Management activities	Universidad de la Frontera Temuco, Chile \$350,000 For support of Phase II activities within INCLLEN	West China University of Medical Sciences Chengdu \$85,000 To support Phase II transition activities within INCLLEN	Peking Union Medical College Beijing, China \$15,000 Toward the publication and distribution costs of a Chinese edition of Healing the Schism Epidemiology, Medicine and the Public's Health
\$30,000 In support of INCLLEN's initiative in environmental and occupational health	Universidade Federal do Rio de Janeiro Brazil \$35,000 For core support of its Clinical Epidemiology Unit	Kenya Medical Research Institute Nairobi \$16,000 In support of a technology transfer project related to yellow fever virus	
\$1,499,150 For the operational costs of its Executive Office and for program activities of the International Clinical Epidemiology Network	Universidad Nacional Autónoma de México Mexico City \$33,775 For core support of its Clinical Epidemiology Unit		

Public Health Schools Without Walls
[1994-\$950,000 in addition to remaining funds from prior year appropriations]
To support the new field-based graduate-degree training course for senior public health officers in Zimbabwe and Uganda as well as exploratory activities in other countries (joint appropriation with Population Sciences for a total of \$1,150,000)

Makerere University Kampala, Uganda
\$175,800
For start-up costs associated with its Master of Public Health program under the auspices of the Public Health Schools Without Walls initiative

\$85,600
For implementation of its Master of Public Health program under the auspices of the Public Health Schools Without Walls initiative (joint allocation with Population Sciences for a total of \$285,600)

Tulane University New Orleans, Louisiana
\$59,900
For use by its medical center to provide technical assistance for the Public Health School Without Walls initiative

University of Zimbabwe Harare
\$32,250
To strengthen Provincial Medical Districts for the training of Master of Public Health candidates under the auspices of the Public Health Schools Without Walls initiative

\$30,000
For expenses related to advisor site visits to work with the University of Zimbabwe and the Ministry of Health in the design of its curriculum for the Public Health Schools Without Walls initiative

\$220,960
To continue support for the Master of Public Health training program under the auspices of the Public Health Schools Without Walls initiative (joint allocation with Population Sciences for a total of \$412,135)

Foundation-Administered Project
\$29,431
For development of a public health network and expenses of the Advisory Committee

Task Force for Child Survival and Development Atlanta, Georgia
[1994-\$250,000 in addition to remaining funds from prior year appropriations]
To continue support for the Task Force as a leader in goal setting and enhancing global efforts to improve the survival of children

Tides Foundation San Francisco, California
\$5,000
Toward the costs of its project to stop cholera in developing nations through the use of appropriate water purification systems (joint grant with Global Environment for a total of \$10,000)

United Nations Children's Fund New York
\$30,000
For a biographical documentary video on public health activities in India

Universidade Federale do Ceara Fortaleza, Brazil
\$29,895
In final support of a research project entitled "Recognition, Pathogenesis and Control of Enteric Infections Causing Prolonged Diarrhea in Northeastern Brazil"

University of Calabar Nigeria
\$5,000
Toward the costs of a research study on the treatment and control of urinary schistosomiasis in children

University of Iowa Iowa City
\$10,000
Toward the costs of a research design workshop entitled "Immunization and Culture Compliance and Resistance in Large Scale Public Health Campaigns, held in Amsterdam, The Netherlands, April 22-24, 1994

University of Virginia Charlottesville
\$45,105
In final support of a research project entitled "Recognition, Pathogenesis and Control of Enteric Infections Causing Prolonged Diarrhea in Northeastern Brazil"

\$20,000
For use by its Claude Moore Health Sciences Library for the archival processing and preservation of the Kerr White Collection

University of Yaounde I Cameroon
\$50,000
For use by the Automation and Control Laboratory of its Ecole National Supérieur Polytechnique for support of the Center for Health Technology

Vaccine Production Technology Transfer
[1993-\$1,200,000 in addition to remaining funds from prior year appropriations]
To make the production of tissue culture-based viral vaccines a generic process available at moderate cost to developing countries

Chengdu Institute of Biological Products China
\$950,000
For Phase II design and planning of a vaccine production facility

Empresa Colombiana de Productos Veterinarios S A (VECOL) Bogotá, Colombia
\$31,200
For the human rabies vaccine project

IAF BioVac, Inc Laval, Canada
\$60,000
To complete the North-South transfer of modern rabies vaccine production technology to the Veterinary Products Company of Colombia (VECOL)

International Development Research Centre Ottawa, Canada
\$8,000
Toward the costs of a regional workshop on Japanese encephalitis in Thailand, October 4-6, 1994

Ministry of Public Health Beijing, China
\$56,450
For use by its National Institute for the Control of Pharmaceutical and Biological Products in support of an immunogenicity study of a two dose regimen of JE vaccine

Foundation-Administered Project
\$50,000
For administrative expenses related to making the production of tissue-culture-based viral vaccines a generic process available at moderate cost to developing countries

World Health Organization Geneva, Switzerland
[1994-\$1,200,000]
To complete support for an initiative strengthening developing-country capacity for research on major tropical diseases through North-South and South-South linkages

World Health Organization Geneva, Switzerland
\$20,000
Toward the costs of the International Conference on the Current Status of Dengue and Dengue Hemorrhagic Fever/Dengue Shock syndrome, held in Pune, India, February 7-8, 1994

\$8,000
Toward the purchase and distribution costs of Parasitic Diseases in Water Resources Development The Need for Intersectoral Negotiations

\$123,000
Toward the costs of a meeting, "Research Priorities for Interventions in Environment"

\$50,000
For the expansion of a communications network in selected countries in Africa and Asia

RESEARCH TO IMPROVE REPRODUCTIVE HEALTH

Improving Reproductive Health Service Delivery
[1994-\$300,000 in addition to remaining funds from prior year appropriations]
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 adolescents (joint appropriation with Population Sciences for a total of \$1,000,000)

Association for Reproductive and Family Health
Ibadan, Nigeria
\$84,435
Toward the costs of evaluating the West African Youth Initiative on adolescent reproductive health in Nigeria and Ghana undertaken in collaboration with the Center for Population Options' International Center on Adolescent Fertility (joint grant with Population Sciences for a total of \$168,870)

Family Planning Association of Kenya
Nairobi
\$15,540
For the planning phase of a pilot intervention/research project to improve reproductive health services for young people in Kenya (joint grant with Population Sciences for a total of \$31,080)

Prerana-Associate Centre for Development and Population Activities
New Delhi, India
\$7,550
For the planning phase of a pilot intervention/research project to increase the level of information about reproductive health issues among adolescent girls and boys and improve their access to such services (joint grant with Population Sciences for a total of \$15,100)

Western Consortium for Public Health
Berkeley, California
\$24,965
To enable the Pacific Institute for Women's Health to develop collaborative research projects on adolescent reproductive health and sexuality with nongovernmental organizations in Africa (joint grant with Population Sciences for a total of \$49,930)

Zimbabwe National Family Planning Council
Harare
\$20,000
For the planning phase of a pilot intervention/research project to provide reproductive health services for young people (joint grant with Population Sciences for a total of \$40,000)

Columbia University
New York, New York
\$25,000
For use by its Center for Population and Family Health toward the costs of establishing an information database center on female genital mutilation (joint grant with Population Sciences for a total of \$39,690)

Commonwealth Medical Association
London, England
\$10,000
Toward the costs of enabling participants from Africa to attend a workshop on adolescent health held in Cape Town

Forum for African Women Educationalists
Nairobi, Kenya
\$5,000
Toward the costs of a ministerial consultation concerning school drop out rates and adolescent pregnancy in Africa, held in Mauritius in September 1994 (joint grant with Population Sciences for a total of \$10,000)

HIV in the Developing World [1994-\$500,000 in addition to remaining funds from prior year appropriations]
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 (joint appropriation with Population Sciences for a total of \$1,000,000)

AIDS Support Organisation (TASO)
Uganda
\$37,641
For the second year of a study in Uganda entitled 'Traditional Healers and Therapies Against AIDS' (joint grant with Population Sciences for a total of \$75,282)

Christian Medical College and Hospital
Vellore, India
\$10,000
For a research project entitled 'Risk Factors for Acquiring HIV Infection in India' (joint grant with Population Sciences for a total of \$20,000)

Fund for the City of New York
New York
\$8,250
To enable the Orphan Project to analyze survey data and prepare an international agenda for the needs of children and adolescents orphaned by AIDS (joint grant with Population Sciences for a total of \$16,500)

International HIV/AIDS Alliance
London, England
\$175,000
For its efforts in support of community action to prevent the spread of AIDS in developing countries (joint allocation with Population Sciences for a total of \$350,000)

Ministry of Health
Kampala, Uganda
\$40,000
Toward the planning costs of the Ninth International Conference on AIDS and Sexually Transmitted Diseases in Africa, to be held in December 1995

Ministry of Public Health
Rabat, Morocco
\$12,500
Toward the costs of the Eighth International Conference on AIDS and Sexually Transmitted Diseases in Africa (joint allocation with Population Sciences for a total of \$25,000)

Martina Morris
New York, New York
\$17,500
To conduct data analysis on sexual networks and HIV transmission in Thailand and Uganda (joint allocation with Population Sciences for a total of \$35,000)

Program for Appropriate Technology in Health
Seattle, Washington
\$17,000
To continue support for the publication and dissemination of a newsletter entitled 'Global Access to STD Diagnostics' (joint allocation with Population Sciences for a total of \$34,000)

\$62,500
For quality assurance and sustainability activities concerning the HIV dipstick (joint allocation with Population Sciences for a total of \$125,000)

Tides Foundation
San Francisco, California
\$10,000
For use by Funders Concerned About AIDS for its international program (joint allocation with Population Sciences for a total of \$20,000)

Uganda Virus Research Institute
Entebbe
\$129,250
In support of the sexually transmitted disease control and prevention strategy of the Rakai Project (joint allocation with Population Sciences for a total of \$400,000)

University of Arizona
Tucson
\$2,500
Toward the costs of a collaborative research project with the Cebu, Philippines health office concerning the prevention and treatment of AIDS and other sexually transmitted diseases (joint allocation with Population Sciences for a total of \$5,000)

University of California
San Francisco
\$2,500
Toward the costs of a conference in Chiang Mai, Thailand, on the cultural differences related to design and implementation of AIDS control (joint allocation with Population Sciences for a total of \$5,000)

Foundation Administered Projects
\$30,000
For administrative expenses related to improving nongovernmental responses to HIV/AIDS in developing countries (joint grant with Population Sciences for a total of \$60,000)

\$25,000
For a Bellagio meeting to discuss the AIDS Vaccine Initiative (joint allocation with Population Sciences for a total of \$50,000)

\$50,000
In support of activities related to the AIDS Vaccine Initiative (joint allocation with Population Sciences for a total of \$100,000)

International Projects Assistance Services
Chapel Hill, North Carolina
\$7,775
For the planning phase of a project to be undertaken in collaboration with the Zimbabwe Ministry of Health and Child Welfare to improve post-abortion services in Zimbabwe (joint grant with Population Sciences for a total of \$15,550)

\$5,000
For the production of a post-abortion family planning training curriculum for clinicians and managers in Zimbabwe and other countries (joint grant with Population Sciences for a total of \$10,000)

Population Council
New York
\$50,000

For a study of the relationships between high fertility and educational investments by parents of children in developing countries (Joint grant with Population Sciences and African Initiatives for a total of \$280,790)

Uganda Virus Research Institute
Entebbe
\$17,800

In support of a study on the effects of broad spectrum antimicrobial therapy on vaginal flora

\$73,480

In support of a study on maternal and infant health

University of Arizona
Tucson
\$4,500

To provide technical assistance related to data analysis of an anthropological study in Cebu City, Philippines

Women for Women's Health

[1993-\$700,000 in addition to remaining funds from prior year appropriations]

To help Malawi and Uganda develop the capacity for training increased numbers of nurse-midwives and upgrading their skills and status as a way of bringing about sustained reduction in maternal mortality and morbidity (Joint appropriation with Population Sciences for a total of \$1,300,000)

University of Pennsylvania
Philadelphia
\$89,000

To continue funding for the Women for Women's Health initiative in Malawi (Joint grant with Population Sciences for a total of \$178,000)

World Health Organization
Geneva, Switzerland
\$10,000

Toward the costs of a two week workshop in New Delhi, India, on research and training issues for social science research on reproductive health in South Asia (Joint grant with Population Sciences for a total of \$20,000)

\$4,860

To enable the Special Programme of Research Development and Research Training in Human Reproduction to distribute a book on contemporary issues in maternal health care in Africa to directors of maternal health services and health educators in Africa

\$40,000

To enable the Division of Family Health to convene a study group on programming for adolescent health (Joint grant with Population Sciences for a total of \$50,000)

\$10,000

To enable the Adolescent Health Programme to begin a study of the economics of adolescent health

Foundation-Administered Project

\$17,300

To cover the costs of a planning meeting on urban health held in Geneva, Switzerland, July 8-10, 1994

Population Sciences Grants

The Population Sciences division seeks to mobilize resources to satisfy the current and growing unmet demand for high-quality reproductive health and family planning services in developing countries

PROMOTING POLICY DIALOGUE AND RESEARCH

American Academy of Arts and Sciences
Cambridge, Massachusetts
\$116,000

For a project undertaken in collaboration with the University of Toronto on the relationships between population growth, the environment, state capacity, and civil violence

Appropriate Health Resources and Technologies Action Group
London, England
\$25,000

For the free distribution of publications produced by its Reproductive Health Matters project to readers in sub-Saharan Africa and South Asia

Linda Archer and John Kekovole
Nairobi, Kenya
Thomas E. Dow, Jr
Chappaqua, New York
\$20,000

For a study of wealth flow and fertility decline in Kenya

Bellagio Population and Development Forum

[1993-\$1,000,000 in addition to remaining funds from prior year appropriations]

To initiate a series of high-level Bellagio meetings on population and its relationship to the other dimensions of development aimed at convincing policymakers and donors of the cost effectiveness of committing increased resources to satisfying the unmet demand for contraception

Foundation-Administered Projects
\$75,000

To cover program operations costs in connection with Bellagio Forum meetings on population and development

\$200,000

To cover program operations costs in connection with the Partners in Population and Development initiative, which grew out of the Bellagio Forum meetings on population and development

Contraceptive Introduction Projects

[1992-\$2,325,000 in addition to remaining funds from prior year appropriations]

To promote field studies and operations research in developing countries as their family planning programs introduce new contraceptive methods

Peking University
Beijing, China

\$21,500

To enable the Institute of Population Research to work with the Chinese State Family Planning Commission on a project designed to demonstrate the advantages of an enhanced rural family planning system that integrates improved methods of contraception with better training of local family planning personnel

State Family Planning Commission

Beijing, China

\$233,470

To enable the Commission to demonstrate the advantages of an enhanced rural family planning system that integrates improved methods of contraception with better training of local family planning personnel

University of Pennsylvania
Philadelphia

\$86,510

To enable its Population Studies Center to provide technical assistance to the Chinese State Family Planning Commission as it undertakes a field experiment in family planning in rural China

Family Care International
New York, New York

\$74,920

For its activities concerning women's reproductive health and rights in preparation for the 1994 United Nations International Conference on Population and Development

International Council on Management of Population Programmes

Kuala Lumpur, Malaysia
\$89,000
For a collaborative project with the National Family Planning Coordinating Board of Indonesia to assist the Vietnamese National Committee on Population and Family Planning in improving the management of its family planning services

Naila Kabeer
Brighton, England
\$4,600
To enable her to design a research project that will investigate the factors involved in the recent fertility decline in Bangladesh

Lucie Kassabian
New York, New York
\$5,000
To enable her to provide technical assistance to the Egyptian NGO Steering Committee for the 1994 United Nations International Conference on Population and Development

Makerere University
Kampala, Uganda
\$63,250
To enable the Department of Population studies to continue to engage a senior-level African from outside Uganda as a visiting professor

Policy Research and Dialogue
\$4,000,000
To support policy research and policy dialogue to mobilize resources to satisfy unmet demand for contraception and reproductive health sciences

Alan Guttmacher Institute
New York, New York
\$200,000
For the publication of a chartbook showing the links between women's status, their individual reproductive behavior, and population dynamics, to be released in connection with the 1995 United Nations World Conference on Women

American University
Washington, D C
\$20,000
For use by its College of Law toward the costs of a conference on the ways international law can advance women's reproductive freedom and rights

Catholics for a Free Choice
Washington, D C
\$60,000
For a public education project concerning the role religious organizations played in setting the agenda for the 1994 United Nations International Conference on Population and Development

East-West Center
Honolulu, Hawaii
\$115,840
For a conference entitled "The Status of Women and Demographic Change Assessing What We Have Learned," to be held in December 1995, and for publication of the proceedings

Equilibres et Populations
Levallois, France
\$116,000
For the costs of producing a monthly newsletter related to population and reproductive health issues

Family Care International
New York, New York
\$116,600
For a series of activities concerning women's reproductive health in developing countries linked to United Nations conferences on population and development, social development, and the status of women

Fayetteville State University
North Carolina
\$43,610
For 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

Indian Association of Parliamentarians on Population and Development
New Delhi, India
\$11,000
For a survey of state legislators and members of Parliament to ascertain their views about population issues and their suggestions for improving family planning programs

International Planned Parenthood Federation
London, England
\$186,000
Toward the costs of an educational initiative on population and development for parliamentarians of all parties in Denmark and Finland

International Union for the Scientific Study of Population
Liège, Belgium
\$40,000
Toward the costs of holding a seminar in Italy in March 1995 on demography and poverty

Ministry of Health
Accra, Ghana
\$104,560
Toward the costs of the Navrongo community health and family planning project

Parliamentarians for Global Action
New York, New York
\$50,000
Toward the costs of holding a meeting of parliamentarians in Cairo immediately prior to the 1994 United Nations International Conference on Population and Development

Population Action International
Washington, D C
\$150,000
Toward the costs of its program of research, analysis, production, distribution, and media placement of reports on population issues

\$150,000
Toward the costs of establishing a network of NGOs working to enhance population awareness in selected countries of Europe and Asia and of producing three country studies and a report on global spending on family planning

Population Council
New York, New York
\$290,720
For a study of the nature and causes of unmet need for family planning in four developing countries in Africa and Asia

\$105,820
For a study of the multiple components of population growth

\$200,790
For a study of the relationships between high fertility and educational investments by parents in children in developing countries (joint allocation with Health Sciences and African Initiatives for a total of \$280,790)

University of Maryland
College Park
\$50,000
For a study in collaboration with the Institute of Social Studies Trust, New Delhi and Bangalore, and the National Council for Applied Economic Research, New Delhi, to examine the social context of unmet need for contraception in rural India

Women U S A Fund
New York, New York
\$15,000
For the participation of women activists from developing countries at the women's caucus and NGO Forum activities at the 1994 United Nations International Conference on Population and Development

World Population Foundation
Laren, The Netherlands
\$78,680
To mobilize European donor assistance for population activities in developing countries by improving the project development and review processes of nongovernment organizations and donors

World Population Foundation
Stockholm, Sweden
\$104,500
For activities designed to provide information to Swedish policymakers on population issues

Foundation-Administered Projects
\$600,000
To cover program operations costs associated with Foundation efforts to communicate to policymakers research findings concerning the unmet demand for contraception and reproductive health services

\$150,000
To cover program operations costs associated with Foundation efforts to document the extent of unmet demand for family planning and reproductive health services and mobilize the resources needed to meet it

\$30,000
To cover program operations costs associated with Foundation efforts to mobilize resources of European NGOs and governmental agencies for reproductive health and family planning services in developing countries

Policy Research in Sub-Saharan Africa
New York, New York
\$1,300,000
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

Research Support for Population Scientists Returning to Developing Countries
[1993-\$200,000 in addition to remaining funds from prior year appropriations]
To provide research support for population scientists returning to their home countries at the completion of their fellowships

Banara Hindu University
Varanasi, India
\$24,270
For a study of the effects of breast feeding on fertility in rural northern India

Helen Trias-Rodriguez
Brookdale, California
\$1,700
Toward the costs of enabling her to serve as a public health sector advisor at the 1994 United Nations International Conference on Population and Development

U N International Conference on Population and Development
[1993-\$500,000 in addition to remaining funds from prior year appropriations]
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 situation, future projections, and opportunities

Commonwealth Medical Association
London, England
\$18,200
For preparation and dissemination of reports and other activities related to women's health issues in developing countries in preparation for the 1994 United Nations International Conference on Population and Development

Earth Pledge Foundation
New York, New York
\$50,000
Toward the costs of producing and distributing The Earth Times, the newspaper of record for the 1994 United Nations International Conference on Population and Development

Feminist Majority Foundation
Arlington, Virginia
\$25,000
To help feminist groups in developing countries as they prepared for the 1994 United Nations International Conference on Population and Development

National Family Planning and Reproductive Health Association
Washington, D C
\$20,000
For a workshop at the 1994 United Nations International Conference on Population and Development held in collaboration with the Centre for Development and Population Activities on teenage pregnancy prevention programs in developed and developing countries

Parliamentarians for Global Action
New York, New York
\$50,000
For a workshop held in conjunction with a meeting of the preparatory committee of the 1994 United Nations International Conference on Population and Development

Planned Parenthood Federation of America
Washington, D C
\$130,000
For a series of workshops and other activities concerning international population issues and the 1994 United Nations International Conference on Population and Development

Population Communications International
New York, New York
\$50,000
Toward the costs of its serving as Secretariat for the NGO Planning Committee as it prepared for the 1994 United Nations International Conference on Population and Development

Foundation Administered Projects
\$29,000
To cover program operating costs in connection with a meeting held in Belgium to provide European non-governmental organizations with information on population issues as they prepared for the 1994 United Nations International Conference on Population and Development

\$84,080
To cover program operating costs associated with Foundation efforts to develop a Cairo conference communications strategy

University of Cape Coast
Ghana
\$80,520
For a collaborative study with Brown University on ideational change and reproductive behavior in Ghana

University of Ouagadougou
Burkina Faso
\$14,490
For use by the Unité d'Enseignement et de Recherche en Démographie for the planning phase of a research project concerned with the development of an appropriate and cost effective strategy for the delivery of family planning services in Burkina Faso

World Population Foundation
Stockholm, Sweden
\$50,000
To strengthen its management and expand its informational activities

World Priorities
Washington, D C
\$8,000
Toward the costs of an updated and revised edition of 'Women a World Survey' (joint grant with Arts and Humanities and African Initiatives for a total of \$24,000)

Foundation Administered Project
\$18,659
To cover the costs associated with the development of a population sciences capacity building strategy in sub-Saharan Africa

LAUNCHING A SECOND CONTRACEPTIVE REVOLUTION

All India Institute of Medical Sciences
New Delhi
\$15,000
Toward the costs of holding an international meeting on cell signaling and implantation and printing a report on the proceedings

Biomedical Training and Research
[1991-\$1,000,000 in addition to remaining funds from prior year appropriations]
To support selected biomedical centers of excellence in Latin America and Africa in order to enhance regional training opportunities and strengthen national capacity for advanced research in contraception, fertility regulation, and women's health

National Museums of Kenya
Nairobi
\$125,050
For a contraceptive technology research and training project at the Institute of Primate Research

Centro de Pesquisa e Assistencia em Reprodução Humana
Salvador, Brazil
\$33,000
Toward the costs of a meeting on the molecular biology of the endometrium

Cornell University Medical College
New York, New York
\$56,870
For research at the New York Hospital-Cornell Medical Center on the clinical pharmacology of contraception

Gossypol Studies
[1990-\$500,000 in addition to remaining funds from prior year appropriations]
To support research on the antifertility and antiviral activity of gossypol

University of Innsbruck
Austria
\$72,000
For a study at the Institute of Physiology on the molecular action of gossypol at the cellular level

Instituto de Biología y Medicina Experimental
Buenos Aires, Argentina
\$35,000

For a study of the potential contraceptive use of an epididymal protein that participates in fertilization

\$72,000

For a study of the role played by the enzyme B-N-acetylglucosaminidase in human fertilization

International Organization for Research in Reproductive Health
Salvador, Brazil

\$1,200,000

To continue support for its program of South-to-South cooperation to develop new contraceptive methods and improve reproductive health

\$25,000

Toward the costs of holding a workshop in Bellagio, Italy, on the introduction of emergency post-coital methods of contraception in developing countries

Johns Hopkins University
Baltimore, Maryland

\$46,300

Toward the costs of a project at the School of Medicine on ovulation, follicle wall rupture, oocyte maturity, and the establishment of the corpus luteum

Peking Union Medical College
China

\$30,000

To develop an antifertility vaccine that can be used by men

Program for Appropriate Technology in Health
Seattle, Washington

\$35,000

Toward the costs of publishing a special issue of Outlook on contraceptive research and development

Programa Latinoamericano de Capacitación e Investigación en Reproducción Humana
Mexico City, Mexico

\$17,600

To enable PLACIRH to engage consultants to undertake an evaluation of its activities

Reproductive Health Technologies Project, Inc
Washington, D C

\$13,000

For the collection and analysis of data on the acceptability and use of oral contraceptives for emergency contraception in selected European countries

Research Support for Population Scientists Returning to Developing Countries

[1993-\$400,000 in addition to remaining funds from prior year appropriations]

To provide research support for population scientists returning to their home countries at the completion of their fellowships

All India Institute of Medical Sciences

New Delhi

\$26,265

For a study of the role played by cytokines in the implantation process in the rhesus monkey

Beijing Medical University
China

\$30,000

For a study of water channels in male and female reproductive systems

Hugo Cardenas
Santiago, Chile

\$25,000

For a study of the effects of gonadotropin releasing hormone and galanin on the synthesis and release of luteinizing hormone by pituitary cells obtained from lactating rats

Center for Research in Human Reproduction

Panama City, Panama

\$30,000

For research on the cryopreservation of human spermatozoa

Consejo Nacional de Investigaciones Científicas y Técnicas

Mendoza, Argentina

\$30,500

To be used by the Laboratorio de Investigaciones Cerebrales for a study of the effects of progesterone on dopamine release in the basal ganglia

National Research Institute for Family Planning

Beijing, China

\$30,000

For a study of the molecular biology of the human testis protein, Vitamin D Binding Protein, involved in infertility

National University of Cordoba
Argentina

\$30,000

For a study to identify the molecules involved in sperm-egg fusion

Second Contraceptive Technology Revolution

[1994-\$3,000,000 in addition to remaining funds from prior year appropriations]

To mobilize resources for launching a second contraceptive technology revolution that will advance the whole field of contraceptive research and development

Catholic University of Chile
Santiago

\$198,220

For a training and research program in reproductive biology

Chinese Academy of Sciences
Beijing, China

\$200,000

For use by the Shanghai Institute of Cell Biology for training and research in fertility regulation as part of the Contraception 21 initiative

Population Council
New York, New York

\$200,000

Toward the costs of establishing an international consortium on male contraception

Pruce Henry's Institute of Medical Research

Clayton, Australia

\$200,000

For training and research in fertility regulation as part of the Contraception 21 initiative

University of Arizona
Tucson

\$56,730

For a project at its Cancer Center to develop a virucidal product that women can use as protection against sexually transmitted HIV

University of Chile
Santiago

\$200,000

For training and research in fertility regulation as part of the Contraception 21 initiative

University of Edinburgh
Scotland

\$246,910

For use by the Centre for Reproductive Biology for training and research in fertility regulation as part of the Contraception 21 initiative

World Health Organization
Geneva, Switzerland

\$150,000

Toward the costs of the Special Programme of Research, Development and Research Training in Human Reproduction's task force on methods for the regulation of male fertility

South-to-South Cooperation in the Population Sciences

[1990-\$2,000,000 in addition to remaining funds from prior year appropriations]

To support South-to-South cooperation in the population sciences and reproductive health

International Organization for Research in Reproductive Health
Salvador, Brazil

\$54,000

To engage a consultant to promote contacts with pharmaceutical firms interested in contraceptive development

University of Chile
Santiago

\$3,400

Toward the costs of enabling researchers at the Research Institute for Mother and Child to collaborate with a scientist from the University of Pennsylvania on a project concerning the subdermal contraceptive known as Uniplant

University of Iowa
Iowa City

\$20,000

For a research project entitled "The Role of Molecular Biology in Spermatogenesis: A Study of the C-Kit Protooncogene"

University of Lagos
Nigeria

\$5,000

For the publication of papers on reproductive health in developing countries presented at an international meeting held in Lagos in May 1993

University of Pennsylvania
Philadelphia

\$100,000

For a research and training program in reproductive biology and endocrinology for scientists and physicians from Africa and Latin America

Ways of Knowing, Inc
New York, New York
\$54,040
Toward the costs of including information on the use of RU486 in the developing world in a documentary film produced for public television

RESEARCH TO IMPROVE
REPRODUCTIVE HEALTH
SERVICE DELIVERY

Center for Reproductive Law
and Policy
New York, New York
\$140,000
For its international program, which provides information on reproductive health rights to lawyers and advocacy groups

Columbia University
New York, New York
\$14,690
For use by its Center for Population and Family Health toward the costs of establishing an information data base center on female genital mutilation (joint grant with Health Sciences for a total of \$39,690)

Forum for African Women
Educationalists (FAWE)
Nairobi, Kenya
\$5,000
Toward the costs of a ministerial consultation concerning school drop-out rates and adolescent pregnancy in Africa, held in Mauritius in September 1994 (joint grant with Health Sciences for a total of \$10,000)

HIV in the Developing World
[1994-\$500,000 in addition to remaining funds from prior year appropriations]
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 (joint appropriation with Health Sciences for a total of \$100,000)

AIDS Support Organization
(TASO)
Kampala, Uganda
\$37,641
For the second year of a study in Uganda entitled "Traditional Healers and Therapies Against AIDS" (joint allocation with Health Sciences for a total of \$75,282)

Christian Medical College and
Hospital
Vellore, India
\$10,000
For a research project entitled "Risk Factors for Acquiring HIV Infection in India" (joint allocation with Health Sciences for a total of \$20,000)

Fund for the City of New York
New York
\$8,250
To enable the Orphan Project to analyze survey data and prepare an international agenda for the needs of children and adolescents orphaned by AIDS (joint allocation with Health Sciences for a total of \$16,500)

International HIV/AIDS Alliance
London, England
\$175,000
For its efforts in support of community action to prevent the spread of AIDS in developing countries (joint allocation with Health Sciences for a total of \$350,000)

Ministry of Public Health
Rabat, Morocco
\$12,500
Toward the costs of the Eighth International Conference on AIDS and Sexually Transmitted Diseases in Africa (joint allocation with Health Sciences for a total of \$25,000)

Martina Morris
New York, New York
\$17,500
To conduct data analysis on sexual networks and HIV transmission in Thailand and Uganda (joint allocation with Health Sciences for a total of \$35,000)

Program for Appropriate
Technology in Health
Seattle, Washington
\$17,000
To continue support for the publication and dissemination of a newsletter entitled "Global Access to STD Diagnostics" (joint allocation with Health Sciences for a total of \$34,000)

\$62,500
For quality assurance and sustainability activities concerning the HIV dipstick (joint allocation with Health Sciences for a total of \$125,000)

Tides Foundation
San Francisco, California
\$10,000
For use by Funders Concerned About AIDS for its international program (joint allocation with Health Sciences for a total of \$20,000)

Uganda Virus Research Institute
Entebbe
\$270,750
In support of the sexually transmitted disease control and prevention strategy of the Rakai Project (joint allocation with Health Sciences for a total of \$400,000)

University of Arizona
Tucson
\$2,500
Toward the costs of a collaborative research project with the Cebu, Philippines health office concerning the prevention and treatment of AIDS and other sexually transmitted diseases (joint allocation with Health Sciences for a total of \$5,000)

University of California
San Francisco
\$2,500
Toward the costs of a conference in Chiang Mai, Thailand, on the cultural differences related to design and implementation of AIDS control (joint allocation with Health Sciences for a total of \$5,000)

Foundation-Administered Projects
\$30,000
For administrative expenses related to improving nongovernmental responses to HIV/AIDS in developing countries (joint allocation with Health Sciences for a total of \$60,000)

\$50,000
In support of activities related to the AIDS Vaccine Initiative (joint allocation with Health Sciences for a total of \$100,000)

\$25,000
For a Bellagio meeting concerning the AIDS Vaccine Initiative (joint allocation with Health Sciences for a total of \$50,000)

Improving Reproductive Health
Service Delivery
[1994-\$700,000 in addition to remaining funds from prior year appropriations]
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 (joint appropriation with Health Sciences for a total of \$1,000,000)

Association for Reproductive and
Family Health,
Ibadan, Nigeria
\$84,435
Toward the costs of evaluating the West African Youth Initiative on adolescent reproductive health in Nigeria and Ghana, undertaken in collaboration with the Center for Population Options' International Center on Adolescent Fertility (joint allocation with Health Sciences for a total of \$168,870)

Family Planning Association
of Kenya
Nairobi
\$15,540
For the planning phase of a pilot intervention/research project to improve reproductive health services for young people in Kenya (joint allocation with Health Sciences for a total of \$31,080)

Prerana-Associate Centre for
Development and Population
Activities
New Delhi, India
\$7,550
For the planning phase of a pilot intervention/research project to increase the level of information about reproductive health issues among adolescent girls and boys and improve their access to such services (joint allocation with Health Sciences for a total of \$15,100)

Western Consortium for Public
Health
Berkeley, California
\$24,965
To enable the Pacific Institute for Women's Health to develop collaborative research projects on adolescent reproductive health and sexuality with nongovernmental organizations in Africa (joint allocation with Health Sciences for a total of \$49,930)

Zimbabwe National Family Planning Council
Harare
\$20,000
For the planning phase of a pilot intervention/research project to provide reproductive health services for young people (joint allocation with Health Sciences for a total of \$40,000)

Foundation-Administered Project
\$35,000
To cover program operations costs in connection with the program in support of action research to improve reproductive health service delivery

INCLIN, Inc
Philadelphia, Pennsylvania
\$36,500
For the activities of the Reproductive Health Working Group

International Projects Assistance Services
Chapel Hill, North Carolina
\$7,775
For the planning phase of a project to be undertaken in collaboration with the Zimbabwe Ministry of Health and Child Welfare to improve post-abortion services in Zimbabwe (joint grant with Health Services for a total of \$15,550)

\$5,000
For the production of a post-abortion family planning training curriculum for clinicians and managers in Zimbabwe and other countries (joint grant with Health Sciences for a total of \$10,000)

Public Health Schools Without Walls
[1994-\$200,000 in addition to remaining funds from prior year appropriations]
To support the new field-based graduate-degree training course for senior public health officers in Zimbabwe and Uganda as well as exploratory activities in other countries (joint appropriation with Health Sciences for a total of \$1,150,000)

Makerere University
Kampala, Uganda
\$200,000
For implementation of its Master of Public Health Program under the auspices of the Public Health Schools Without Walls initiative (joint allocation with Health Sciences for a total of \$285,600)

University of Zimbabwe
Harare
\$191,175
To continue support for the Master of Public Health training program under the auspices of the Public Health Schools Without Walls initiative (joint allocation with Health Sciences for a total of \$412,135)

Women for Women's Health
[1993 - \$600,000 in addition to remaining funds from prior year appropriations]
To help Malawi and Uganda develop the capacity for training increased numbers of nurse-midwives and upgrading their skills and status as a way of bringing about sustained reduction in maternal mortality and morbidity (joint allocation with Health Sciences for a total of \$1,300,000)

University of Pennsylvania
Philadelphia
\$89,000
To continue funding for the Women for Women's Health initiative in Malawi (joint allocation with Health Sciences for a total of \$178,000)

World Health Organization
Geneva, Switzerland
\$10,000
To enable the Division of Family Health to convene a study group on programming for adolescent health (joint grant with Health Sciences for a total of \$50,000)

\$10,000
Toward the costs of a two week workshop in New Delhi, India, on research and training issues for social science research on reproductive health in South Asia (joint grant with Health Sciences for a total of \$20,000)

African Initiatives Grants

The African Initiatives program supports science-based development activities in Africa that cross traditional boundaries of the agriculture, health, and population sciences and global environmental concerns, and aims to build human institutions capacity in the region.

African Dissertation Internships
[1994-\$1,500,000 in addition to remaining funds from prior year appropriations]
To enable outstanding African graduate students enrolled in U.S. and Canadian universities to undertake supervised doctoral research in Africa as a means of increasing the relevance of their work to a future career in that region

Millie Abaru, doctoral candidate from Uganda, award administered by Kansas State University, Manhattan
\$20,000
To enable her to conduct dissertation research at the Uganda Cooperative Alliance, Kampala
Research Title "Credit Accessibility to Low Income Women in Uganda: A Multinomial Logit Analysis "

Kansas State University
Manhattan
\$4,010
To enable Dr. Allen Featherstone, advisor of intern Millie Abaru, to confer with her during her dissertation research in Uganda

Uganda Cooperative Alliance
Kampala
\$2,500
For administrative costs associated with Millie Abaru's dissertation research

Aziz Abdelgadir, doctoral candidate from Sudan, award administered by Cornell University, Ithaca, New York
\$20,000
To enable him to conduct dissertation research at the International Institute of Tropical Agriculture Ibadan, Nigeria
Research Title "Biological Nitrogen Fixation as an Alternative N Biofertilizer to Synthetic N Fertilizers "

International Institute for Tropical Agriculture
Ibadan, Nigeria
\$2,500
For administrative costs associated with Aziz Abdelgadir's dissertation research

Abdu Abdelkadir, doctoral candidate from Ethiopia, award administered by Iowa State University, Ames
\$18,785
To enable him to conduct dissertation research at Alemaya University of Agriculture Ethiopia
Research Title "Effect of Tree Density on Root Distribution, Soil Water Conservation, and Arable Crop Productivity in Alley Cropping Systems "

Alemaya University of Agriculture
Ethiopia
\$2,500
For administrative costs associated with Abdu Abdelkadir's dissertation research

William Kofi Adih, doctoral candidate from Ghana, award administered by Johns Hopkins University, Baltimore, Maryland
\$20,000
To enable him to conduct dissertation research at the Ministry of Health, Koforidua, Ghana
Research Title "Determinants of Condom Use to Prevent HIV Infection Among Unmarried Youths in Ghana "

Ministry of Health
Koforidua, Ghana
\$2,500
For administrative costs associated with William Kofi Adih's dissertation research

Aggrey Ambali, doctoral candidate from Malawi, award administered by Dalhousie University, Halifax, Nova Scotia, Canada
\$18,245
To enable him to conduct dissertation research at the University of Malawi, Lilongwe
Research Title "The Relationship Between Domestication and Genetic Diversity of *Tilapia* in Malawi *Oreochromis shiranus* "

University of Malawi
Lilongwe
\$2,500
For administrative costs associated with Aggrey Ambali's dissertation research

Aggrey Omu Anzala, doctoral candidate from Kenya, award administered by the University of Manitoba, Winnipeg, Canada
\$20,000
To enable him to conduct dissertation research at the University of Nairobi, Kenya
Research Title "Rapid Progression to Disease in African Prostitutes with HIV 1 Infection"

University of Nairobi
Kenya
\$2,500
For administrative costs associated with Aggrey Omu Anzala's dissertation research

Nathaniel Appleton, doctoral candidate from Liberia, award administered by the State University of New York, College of Environmental Science and Forestry, Syracuse
\$19,800
To enable him to conduct dissertation research at the International Centre for Research in Agroforestry, Yaoundé, Cameroon
Research Title "Smallholder Resource Management Strategies A Framework for Building Sustainability in a Cameroonian Rainforest"

International Centre for Research in Agroforestry
Yaoundé, Cameroon
\$2,500
For administrative costs associated with Nathaniel Appleton's dissertation research

Aker Julia Duany, doctoral candidate from Sudan, award administered by Indiana University, Bloomington
\$18,560
To enable her to conduct dissertation research at Upper Nile University, Khartoum, Sudan
Research Title "Sudanese Women and Education The Struggle for Equal Participation"

Indiana University
Bloomington
\$5,185
To enable Dr Frances Stage, advisor of intern Aker Julia Duany, to confer with her during her dissertation research in Sudan

Upper Nile University
Khartoum, Sudan
\$2,500
For administrative costs associated with Aker Julia Duany's dissertation research

Ben Fred-Mensah, doctoral candidate from Ghana, award administered by Johns Hopkins University, Baltimore, Maryland
\$18,310
To enable him to conduct dissertation research at the University of Cape Coast, Ghana
Research Title "Negotiating Land Rights and Land Conflicts in Rural Southern Ghana A Study in Property Rights Transition in Sub-Saharan Africa"

University of Cape Coast
Ghana
\$2,500
For administrative costs associated with Ben Fred-Mensah's dissertation research

Ezekiel Gebissa, doctoral candidate from Ethiopia, award administered by Michigan State University, East Lansing
\$19,615
To enable him to conduct dissertation research at Addis Ababa University, Ethiopia
Research Title "From Coffee to Chat Peasants' Strategic Responses to Changing Ecologies, Economic and Political Situations"

Michigan State University
East Lansing
\$5,935
To enable Dr Harold Marcus, advisor of intern Ezekiel Gebissa, to confer with him during his dissertation research in Ethiopia

Addis Ababa University
Ethiopia
\$2,500
For administrative costs associated with Ezekiel Gebissa's dissertation research

Getachew Gebru, doctoral candidate from Ethiopia, award administered by the University of Wisconsin, Madison
\$19,990
To enable him to conduct dissertation research at the International Livestock Centre for Africa, Addis Ababa, Ethiopia
Research Title "Access to Feed Resources and Land Tenure in the Ethiopian Highlands"

International Livestock Centre for Africa
Addis Ababa, Ethiopia
\$2,500
For administrative costs associated with Getachew Gebru's dissertation research

Joan Kagwanja, doctoral candidate from Kenya, award administered by the University of Missouri, Columbia
\$16,920
To enable her to conduct dissertation research at the Kenya Agricultural Research Institute, Nairobi
Research Title "Linking Population, Development and the Environment A Case Study of Kenya"

University of Missouri
Columbia
\$5,620
To enable Dr Maury Bredahl, advisor of intern Joan Kagwanja, to confer with her during her dissertation research in Kenya

Kenya Agricultural Research Institute
Nairobi
\$2,500
For administrative costs associated with Joan Kagwanja's dissertation research

Francis Karanu, doctoral candidate from Kenya, award administered by Washington State University, Pullman
\$19,830
To enable him to conduct dissertation research at the Kenya Agricultural Research Institute, Nairobi
Research Title "Cysteine Proteases from Adult Worm Excretory-Secretory (ES) Products as Targets for Protective Immunity Against Haemonchus contortus"

Kenya Agricultural Research Institute
Nairobi
\$2,500
For administrative costs associated with Francis Karanu's dissertation research

Edward Kissi, doctoral candidate from Ghana, award administered by Concordia University, Montreal, Quebec, Canada
\$19,700
To enable him to conduct dissertation research at Addis Ababa University, Ethiopia
Research Title "The Politics of International Food Relief in Africa"

Addis Ababa University
Ethiopia
\$2,500
For administrative costs associated with Edward Kissi's dissertation research

Peter Kyem, doctoral candidate from Ghana, award administered by Clark University, Worcester, Massachusetts
\$19,940
To enable him to conduct dissertation research at the University of Ghana, Accra
Research Title "Multiple Interests, Resource (Use) Misuse and the Search for Alternative Institutions for Natural Resource Management in Africa The Case of Southwestern Ghana"

University of Ghana
Accra
\$2,500
For administrative costs associated with Peter Kyem's dissertation research

Alhassan Manu, doctoral candidate from Ghana, award administered by the University of California at Davis
\$20,000
To enable him to conduct dissertation research at the University of Ghana, Accra
Research Title "Growth and Nutritional Status of Infants Fed Improved Ghanaian Weaning Foods A Randomized Intervention Study"

University of Ghana
Accra
\$2,500
For administrative costs associated with Alhassan Manu's dissertation research

David Maralack, doctoral candidate from South Africa, award administered by the University of Minnesota, Minneapolis
\$13,000
To enable him to conduct dissertation research at the University of Cape Town, South Africa
Research Title "Urban Resistance in the Transformation of Authoritarian Regimes The Case of Squatter Movements in Cape Town, South Africa"

University of Cape Town
South Africa
\$2,500
For administrative costs associated with David Maralack's dissertation research

Paul Mbatia, doctoral candidate from Kenya, award administered by Indiana University, Bloomington
\$19,960

To enable him to conduct dissertation research at the University of Nairobi, Kenya

Research Title "Provision of Health Care in Kenya A Fragile State Versus Civil Society"

University of Nairobi
Kenya

\$2,500
For administrative costs associated with Paul Mbatia's dissertation research

Bellah Mpfu, doctoral candidate from Zimbabwe, award administered by McGill University, Montreal, Canada
\$18,630

To enable her to conduct dissertation research at the Ministry of Lands, Agriculture and Water Development, Harare, Zimbabwe
Research Title "Integrated Control of *Eichhornia crassipes* (Mart.) Solms (Pontederiaceae) in Zimbabwe

McGill University
Montreal, Canada

\$2,340
To enable Dr Alan Watson advisor of intern Bellah Mpfu, to confer with her during her dissertation research in Zimbabwe

Ministry of Lands, Agriculture and Water Development
Harare, Zimbabwe

\$2,500
For administrative costs associated with Bellah Mpfu's dissertation research

Kenda Mutongi, doctoral candidate from Kenya, award administered by the University of Virginia, Charlottesville
\$20,000

To enable her to conduct dissertation research at Maseno University College Kenya

Research Title "Fields of Their Own A History of Widowhood Among the Maragoli of Western Kenya, 1895 to the Present

University of Virginia
Charlottesville

\$3,700
To enable Dr Joseph Miller, advisor of intern Kenda Mutongi, to confer with her during her dissertation research in Kenya

Maseno University College
Kenya

\$2,500
For administrative costs associated with Kenda Mutongi's dissertation research

George Nasinyama, doctoral candidate from Uganda, award administered by the University of Guelph, Ontario, Canada
\$20,000

To enable him to conduct dissertation research at Makerere University, Uganda

Research Title "An Epidemiologic Study of Non-Typhoidal *Salmonellae* and Verocytotoxigenic *Escherichia coli* (VTEC) in Humans and Foods of Animal Origin in Uganda

University of Guelph
Ontario, Canada

\$1,675
To enable Dr Scott McEwen, advisor of intern George Nasinyama, to confer with him during his dissertation research in Uganda

Makerere University
Uganda

\$2,500
For administrative costs associated with George Nasinyama's dissertation research

Kalala Ngalumulume, doctoral candidate from Zaïre, award administered by Michigan State University, East Lansing
\$19,280

To enable him to conduct dissertation research at the University of Saint-Louis, Senegal
Research Title "Disease, Health Care and Medicine in a Colonial City Saint Louis, Senegal, c. 1850-1950"

University of Saint-Louis
Senegal

\$2,500
For administrative costs associated with Kalala Ngalumulume's dissertation research

Bwire Ojumbo, doctoral candidate from Kenya, award administered by the University of Nevada, Reno
\$18,600

To enable him to conduct dissertation research at Kenya Power Company Limited Nairobi

Research Title "Characterization of Subsurface Water Outflow from Lake Naivasha Towards Olkaria Geothermal Field, Kenya"

University of Nevada
Reno

\$3,305
To enable Dr W B Lyons, advisor of intern Bwire Ojumbo, to confer with him during his dissertation research in Kenya

Kenya Power Company Limited
Nairobi

\$2,500
For administrative costs associated with Bwire Ojumbo's dissertation research

Joseph Rugutt, doctoral candidate from Kenya, award administered by Louisiana State University, Baton Rouge

\$20,000
To enable him to conduct dissertation research at the International Institute of Tropical Agriculture, Ibadan, Nigeria

Research Title "Control of Witchweed by Natural Products from Native Plants"

International Institute for Tropical Agriculture
Ibadan, Nigeria

\$2,500
For administrative costs associated with Joseph Rugutt's dissertation research

Augustine Tarhule, doctoral candidate from Nigeria, award administered by McMaster University, Hamilton, Canada
\$19,460

To enable him to conduct dissertation research at the University of Jos, Nigeria
Research Title "A Proposed Model for the Analysis of Droughts"

University of Jos
Nigeria

\$2,500
For administrative costs associated with Augustine Tarhule's dissertation research

Eliya Zulu, doctoral candidate from Malawi, award administered by the University of Pennsylvania, Philadelphia

\$18,580
To enable him to conduct dissertation research at the University of Malawi, Zomba

Research Title "Social, Cultural, and Biological Factors Affecting Reproductive Behavior in Malawi"

University of Malawi
Zomba

\$2,500
For administrative costs associated with Eliya Zulu's dissertation research

Bryn Mawr College
Pennsylvania

\$3,450
To enable Dr Simiyu Wandibba, supervisor of intern Steven Nangendo at the National Museums of Kenya, to attend Dr Nangendo's dissertation defense at Bryn Mawr College

Iowa State University
Ames

\$15,000
For use by its Department of Animal Science in recognition of its contribution to the education of African doctoral students

Kansas State University
Manhattan

\$4,360
To enable Dr Sarah Gwangwa'a, supervisor of intern Philomina Gwanfogbe at the Institute of Medical Research and Medicinal Plant Studies in Yaoundé, Cameroon, to attend Dr Gwanfogbe's dissertation defense at Kansas State University

McGill University
Montreal, Canada

\$2,688
To enable Dr Theresa Gyorkos, advisor of intern Hailemichael Gebreselassie, to confer with him during his dissertation research in Ethiopia

Ohio State University
Columbus

\$4,200
To enable Dr Richard Pratt, advisor of intern Denis Kyetere, to confer with him during his dissertation research in Zimbabwe

\$5,400
To enable Dr Richard Pratt, advisor of intern J J Hakiza, to confer with him during his dissertation research in Uganda

\$5,475
To enable Dr Cathy Rakowski, advisor of intern Joseph Owusu-Ansah, to confer with him during his dissertation research in Uganda

University of Arizona
Tucson

\$4,375
To enable Dr Michael McClure, advisor of intern Juma Ogallo, to confer with him during his dissertation research in Kenya

- University of British Columbia
Vancouver, Canada
\$3,525
To enable Professor A. K. Tuah, supervisor of intern John Baah at the University of Science and Technology in Kumasi, Ghana, to attend Mr. Baah's dissertation defense at the University of British Columbia
- University of Pennsylvania
Philadelphia
\$15,000
For use by its Population Studies Center in recognition of its contribution to the education of African doctoral students
- University of Toronto
Canada
\$3,000
To enable Dr. Jonathan Barker, advisor of intern Beatrice Baya, to confer with her during her dissertation research in Kenya
- University of Washington
Seattle
\$2,875
To enable Dr. Irvin Emanuel, advisor of intern Godfrey Woelk, to confer with him during his dissertation research in Zimbabwe
- University of Wisconsin
Madison
\$220,000
To continue the Summer Institute for African Agricultural Research
- Washington State University
Pullman
\$4,080
To enable Dr. Lloyd Lueddecke, advisor of intern Embola Ndi, to confer with him during his dissertation research in Nigeria
- \$3,400
To enable Dr. Ronald Kincaid, advisor of intern Mutassim Abdelrahman, to confer with him during his dissertation research in Sudan
- Washington University
Saint Louis, Missouri
\$3,900
To enable Dr. Jean Ensminger, advisor of intern Richard Kisiara, to confer with him during his dissertation research in Kenya
- York University
North York, Canada
\$3,645
To enable Dr. Paul Lovejoy, advisor of intern Ibrahim Jumare, to confer with him during his dissertation research in Nigeria
- Foundation-Administered Projects
\$50,000
For administrative costs associated with implementing the ADIA program
- \$15,000
For costs associated with the design of field-study workshops for the ADIA program
- African Forum for Children's Literacy in Science and Technology
[1994-\$550,000 in addition to remaining funds from prior year appropriations]
- Stella Y. Erinsho
Ogun State University
Ago-Iwoye, Nigeria
\$4,140
For the production and distribution costs of a study of girls and science education in Nigeria
- Lesotho Science and Mathematics Teachers' Association
Roma
\$40,000
Toward the costs of a regional science and mathematics fair and teachers' workshop, held in Maseru, Lesotho, in 1994
- Ministry of Education of Zanzibar
Government of Tanzania
\$78,240
Toward the costs of the Zanzibar science camp project
- Rashid Seif Sulleman
Chake Chake, Tanzania
\$10,750
For a children's science project on the night sky in Zanzibar
- Wildlife Society of Malawi
Blantyre
\$8,800
For its environmental education project in the Chikwawa district of Malawi
- Foundation-Administered Projects
\$72,400
For the costs of a print production workshop for grantees in the program
- \$50,000
For administrative expenses
- Female Participation in African Education
[1994-\$2,000,000 in addition to remaining funds from prior year appropriations]
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 attendance and educational performance
- Forum for African Women Educationalists (FAWE)
Nairobi, Kenya
\$450,000
For general support
- Shirley Sebakwane
University of Witwatersrand
Johannesburg, South Africa
\$617
To enable Dr. Sebakwane to present a paper at a Massachusetts Institute of Technology conference entitled "Black Women in the Academy: Defending Our Name 1894-1994"
- Third World Organization for Women in Science
Trieste, Italy
\$25,000
Toward the fellowship component of its project to increase the participation of girls in the study of science in sub-Saharan Africa
- University of Dar es Salaam
Tanzania
\$15,850
Toward the costs of its project to strengthen girls' participation in science and math in secondary school
- World Vision, Inc.
Monrovia, California
\$62,250
For a project on girls' education and development in Kenya
- Foundation-Administered Projects
\$75,000
Toward the costs of a meeting of the Donors to African Education Working Group on Female Participation, held in Geneva, Switzerland, October 2-3, 1994
- \$100,000
For administrative expenses of the program
- \$50,000
Toward the costs of the Donors to African Education working group on female participation's subcommittee on NGOs in Africa
- \$4,000
Toward the costs of a meeting of the Donors to African Education Working Group on Female Participation, held in October 1993 in Paris, France
- GASAT Association
Alresford, England
\$36,480
Toward the costs of its Eighth international conference on gender and science and technology (CASAT 8) to be held in Ahmedabad, India in January 1996
- Harvard University
Cambridge, Massachusetts
\$40,000
Toward the costs of two workshops entitled "Development Encounters"
- International Development Research Centre (IDRC)
Ottawa, Canada
\$150,000
Toward the costs of its African Technology Policy Studies Network
- Iowa State University
Ames
\$4,760
To facilitate the participation of an African scientist in the planning workshop of the International Institute of Theoretical and Applied Physics at Iowa State University, April 1994
- Michigan State University
East Lansing
\$7,400
For its project to explore academic linkages with universities and research institutes in South Africa
- Northwestern University
Evanston, Illinois
\$20,000
Toward the costs of a conference entitled "African Farmers and Their Environment in Long-Term Perspective," held in The Netherlands, winter of 1994-1995
- Population Council
New York, New York
\$30,000
For a study of the relationships between high fertility and educational investments by parents in children in developing countries (joint grant with Population Sciences and Health Sciences for a total of \$280,790)

World Priorities
Washington, D C
\$8,000

Toward the costs of an updated and revised edition of Women... A World Survey (joint grant with Arts and Humanities and Population Sciences, for a total of \$24,000)

Foundation-Administered Project
\$115,000

Toward the costs of a series of small, innovative projects relevant to the Foundation's Science-Based Development program

RE ENTRY SUPPORT FOR
AFRICAN SCHOLARS PURSUING
EDUCATION RESEARCH

Abebe Kifleyesus
Addis Ababa University
Ethiopia

\$18,470
To enable Dr Kifleyesus to conduct a study on Argobba women traders' access to formal education

Addis Ababa University
Ethiopia

\$2,500
For administrative costs associated with the re-entry grant to Abebe Kifleyesus

Science-Based Development Fellowships

Advanced Training Fellowships

AGRICULTURAL SCIENCES

BANGLADESH

Md Liakat Ali, Map-based Rice Breeding
Appointed from Bangladesh Rice Research Institute, Gazipur
Place of Study Texas Tech University, Lubbock

BRAZIL

Luiz Joaquim Castelo Branco Carvalho, Cassava Genome Mapping
Appointed from National Research Center for Genetic Resources and Biotechnology (CENARGEN), Brasilia
Place of Study Washington University, St Louis, Missouri

CHINA

Su Jin, Rice Biotechnology/Transformation
Appointed from Chinese Academy of Agricultural Sciences, Beijing
Place of Study Cornell University, Ithaca, New York

Xu Ping, Rice Biotechnology/Molecular Biology
Appointed from Zhejiang Agricultural University, Hangzhou
Place of Study Purdue University, West Lafayette, Indiana

COLOMBIA

Anibal Leonidas Tapiero-Ortiz, Rice Blast Resistance
Appointed from Corporación Colombiana de Investigación Agropecuaria (CORPOICA), Villavencio
Place of Study Purdue University, West Lafayette, Indiana

COSTA RICA

Miguel Eduardo Muñoz-Fonseca, Rice Biotechnology/Transformation
Appointed from Universidad de Costa Rica, San José
Place of Study Cornell University, Ithaca, New York

CÔTE D'IVOIRE

Konan Koffi N'da, Cassava Biotechnology
Appointed from Université Nationale de Côte d'Ivoire, Abidjan
Place of Study The Scripps Research Institute, La Jolla, California

Kouassi Koffi Il Nazaire, Rice Yellow Mottle Virus
Appointed from Institut des Forêts (IDEPOR), Abidjan
Place of Study The Scripps Research Institute, La Jolla, California

INDIA

Ranganathan Chandra Babu, Rice RFLP/Root Penetration
Appointed from Tamil Nadu Agricultural University, Combaratore
Place of Study Texas Tech University, Lubbock

Khazan S Boora, Crop Genetic Mapping/Sorghum
Appointed from Haryana Agricultural University, Hisar
Place of Study Texas A&M University, College Station

Sunitha Kumari, Genetic Mapping/Sorghum
Appointed from University of Mysore
Place of Study Texas A&M University, College Station

Kunal Mukhopadhyay, Rice Biotechnology/Submergence Tolerance
Appointed from University of Calcutta
Place of Study University of Georgia, Athens

Aadra Arun Potnis, Rice Biotechnology/Fungal Resistance
Appointed from M S University of Baroda
Place of Study The Salk Institute, La Jolla, California

Anoop Singh Sindhu, Rice Biotechnology/Transformation
Appointed from Punjab Agricultural University, Ludhiana
Place of Study Louisiana State University, Baton Rouge

Kamasani Uma Rani, Rice Biotechnology/Water Stress
Appointed from Osmania University, Hyderabad
Place of Study University of Arizona, Tucson

KENYA

Daniel Ng'ang'a Chege,
Agricultural Economics
Appointed from University of Nairobi
Place of Study Michigan State University, East Lansing

George Duncan Odhiambo, Maize
Agronomy and Striga Control
Appointed from Kenya Agricultural Research Institute (KARI), Kisumu
Place of Study University of Reading, England

NIGERIA

Nyerhovwo John Tonukari,
Crop Genetic Mapping
Appointed from International Institute of Tropical Agriculture, Ibadan
Place of Study Washington University, St. Louis, Missouri

ZIMBABWE

Augustine Gubba, Plant Pathology
Appointed from Plant Protection Research Institute, Harare
Place of Study Cornell University, Ithaca, New York

POPULATION SCIENCES

CHINA

Gao Hui-Bao, Reproductive
Biology
Appointed from Shanghai Second Medical University
Place of Study The Population Council, New York, New York

INDIA

G Pradeep Kumar, Reproductive
Biology
Appointed from Devi Ahilya University, Indore
Place of Study The Population Council, New York, New York

Malini Laloraya, Reproductive
Biology
Appointed from Devi Ahilya University, Indore
Place of Study The Population Council, New York, New York

NEPAL

Devendra Prasad Shrestha,
Demography
Appointed from Tribhuvan University, Kathmandu
Place of Study University of Michigan, Ann Arbor

Social Science Research Fellowships

AGRICULTURAL SCIENCES

Todd Benson, a geographer studying the improvement of maize productivity while located at the Department of Agricultural Research, Ministry of Agriculture, Lilongwe, Malawi

Niama Dembélé, an agricultural economist studying policy reform, market research and development, while located at the International Fertilizer Development Center (IFDC) project in Ouagadougou, Burkina Faso

Aliou Diagne, an agricultural economist studying rural credit and savings systems while located at the International Food Policy Research Institute (IFPRI) project in Lilongwe, Malawi

Manteuw Diaw, an anthropologist studying inland fisheries and aquaculture in southern Cameroon while located at the International Institute of Tropical Agriculture (IITA) project in Yaoundé

Jennifer Olson, a geographer studying integration of socio-economic and biophysical data for characterization in the East African Highlands initiative, while located at the International Centre for Research in Agroforestry (ICRAF), Nairobi, Kenya

Meredith Soule, an agricultural economist assisting the International Centre for Research in Agroforestry (ICRAF), Nairobi, Kenya, to develop a conceptual framework for technology testing

Biotechnology Career Fellowships

AGRICULTURAL SCIENCES

CHINA

Deñg Zixin, Huazhong Agricultural University, Wuhan
Genes involved in the biosynthesis of an antifungal antibiotic, at the John Innes Institute, Norwich, London (Renewal)

ETHIOPIA

Girma Medhin, Plant Genetic Resources Center, Addis Ababa
In vitro techniques for genetic material collection, evaluation, preservation, and improvement, at the Rheinischen Friedrich-Wilhelms-Universität, Bonn, Germany

INDIA

Gaiti Hasan, Tata Institute of Fundamental Research, Bangalore
Molecular analysis of olfactory transduction in Drosophila melanogaster, at Brandeis University, Waltham, Massachusetts.

Shanker L Kothan, University of Rajasthan, Jaipur
Use of the particle gun to develop transgenic cereal crops and nodulation experiments in wheat, at The University of Nottingham, London (Renewal)

Wudayagiri Rajendra, Sri Venkateswara University, Tirupati
Genetically engineered Baculoviruses for pest control, at the University of California, Davis

KOREA

Ahn Sang-Nag, Rural Development Administration, Suweon
Strategies for identifying and transferring QTLs from wild rice species affecting yield, maturity date, grain quality, cold tolerance, and other factors, at Cornell University, Ithaca, New York

VIETNAM

Binh Le Tran, National Center for Natural Science and Technology, Hanoi
Molecular cloning and characterization of genes related to cold tolerance in rice and their application to rice improvement, at the University of California, Davis

ZAIRE

Byamungu Nakahazi, Université Catholique de Bukavu
Triploidization as a way of breeding control in tilapia cultures and of ascertaining hormonal parameters during the growth and maturation of diploid and triploid lines, at the Katholieke Universiteit Leuven, Belgium

HEALTH SCIENCES

BRAZIL

Ricardo T Gazzinelli, Universidade Federal de Minas Gerais, Belo Horizonte
Transfection of Toxoplasma gondii use of a temperature sensitive strain (TS-4) as a vaccine vector for induction of specific cell-mediated immunity, at the National Institutes of Health, Bethesda, Maryland

Fernando de Castro Remach, Universidade de São Paulo
Thick filament assembly, at the Cornell University Medical College, New York, New York (Renewal)

Yara Maria Traub-Cseko, Fundação Oswaldo Cruz, Rio de Janeiro
Cysteine proteinases of Leishmania pifanoi, at Yale University, New Haven, Connecticut (Renewal)

Anibal E Vercesi, Universidade Estadual de Campinas
Ca²⁺ homeostasis in trypanosomatids, at the University of Illinois, Urbana-Champaign (Renewal)

CHINA

Cao Ya, Hunan Medical University, Changsa
The transforming gene of nasopharyngeal carcinoma, at the National Institutes of Health, Bethesda, Maryland

María-Teresa Tusié-Luna, Universidad Nacional Autónoma de México, Mexico City
Detection of de novo recombination events in the CYP21 gene in human sperm DNA, at the University of Texas Southwestern Medical Center, Dallas

INDIA

Prem Kumar Goyal, Vikram University, Ujjain
Genetic influences on host responses to vaccination against helminth infections, at The University of Nottingham, England

Nuzhat A. Kaushal, Central Drug Research Institute, Lucknow
Cloning and expression of filarial antigens for immunodiagnosis of lymphatic filariasis, at Case Western Reserve University, Cleveland, Ohio

Sudhir Krishna, Tata Institute of Fundamental Research, Bangalore
Role of host factors in human papillomavirus infections, at The Massachusetts General Hospital Cancer Center, Charlestown, Massachusetts

Satyajit Rath, National Institute of Immunology, New Delhi
Analysis of peptide repertoires of MHC proteins, at Yale University, New Haven, Connecticut

Yogendra Singh, Centre for Biochemical Technology, Delhi
Mechanism of action of anthrax lethal toxin, at the National Institutes of Health, Bethesda, Maryland

Rupinder Tewari, Panjab University, Chandigarh
Construction of a recombinant vaccine strain of Salmonella expressing immunogenic and protective surface antigen of Giardia lamblia, and its role in clearing giardial infection, at Washington University, St. Louis, Missouri

MEXICO

Celia M. Alpuche-Aranda, Hospital Infantil de México (Federico Gómez), Mexico City
Pathogenesis of Salmonella typhi survival within human monocytes, at the Massachusetts General Hospital, Boston

POPULATION SCIENCES

MEXICO

Federico Martínez, Universidad Nacional Autónoma de México, Mexico City
The effect of adenine nucleotides on the mitochondrial cholesterol transport and progesterone synthesis of trophoblast cells in culture, at the University of Pennsylvania, Philadelphia

Patricia I. Oteiza, Universidad de Buenos Aires
Oxidative stress in testicular cells caused by zinc deficiency, at the University of California, Davis

INDIA

Matcha Bhaskar, Sri Venkateswara University, Tirupati
The effect of FSH and testosterone on mRNA transcription and gene expression in cultured rat sertoli cells during puberty, at Southern Illinois University, Carbondale

Arts and Humanities Grants

The Arts and Humanities division helps provide bridges across communities and divides of culture, class, ethnicity, generation, and tradition. Support for humanities scholarship, museum exhibitions, and new works in the performing and media arts is provided to advance an understanding of specific communities and the forces that drive and divide groups of people in the late twentieth century. Working within the United States and in parts of Africa, the Middle East, Latin America, and South and Southeast Asia, the division also supports cultural institutions and community-based initiatives that complement and critique their societies, promoting diverse ideas and civic inclusiveness.

UNDERSTANDING DIVERSITY

American Civil Liberties Union
Foundation, Inc.
New York, New York
\$25,000
Toward costs of the Arts Censorship Project, a legal advocacy and public education program.

Asia Society
New York, New York
\$5,000
Toward costs of the film/video series entitled Encounters: Recent Works by Asian-American and British-Asian Filmmakers.

Atlatl
Phoenix, Arizona
\$20,000
For a conference on issues related to the production and dissemination of traditional Native American art forms.

Bread and Roses Cultural
Project, Inc.
New York, New York
\$10,000
Toward the 12-poster series Latina Women of Hope.

Cambodian Network Council
Washington, D.C.
\$49,800
For the Cambodian Artists Mentoring Project, which will enable Cambodian performing artists to preserve their artistic heritage and rebuild a sense of cultural identity

Columbia University
New York, New York
\$10,000
For use by the Oral History Research Department for participation of scholars from Latin America, Africa, and Asia at the International Conference on Oral History.

Crossroads, Inc.
New Brunswick, New Jersey
\$25,000
For costs of developing a strategic long-term financial and organizational plan.

ETV Endowment of South
Carolina, Inc.
Spartanburg
\$30,000
For pre-production and development activities for a six-hour television series entitled With God on Our Side: The Rise of the Religious Right in America.

Festival Fund
[1994-\$700,000 in addition to remaining funds from prior year appropriations]
To encourage festival activities in the United States that broaden intercultural or international exchange.

American Dance Festival
Durham, North Carolina
\$135,000
To support international project activities.

Appalshop, Inc.
Whitesburg, Kentucky
\$65,000
For activities of the 1993-94 American Festival Project.

Brooklyn Academy of Music, Inc.
New York
\$50,000
Toward planning costs for international events of the 1994 Next Wave Festival.

Hawaii International Film Festival
Honolulu
\$20,000
For the 1994 Asia/Pacific Film Tour.

Henson Foundation
New York, New York
\$40,000
For a collaborative production of Woyzeck in Johannesburg at the 1994 International Festival of Puppet Theater.

Jacob's Pillow Dance Festival, Inc.
Lee, Massachusetts
\$50,000
For the 1994 Festival Season.

Junebug Productions, Inc.
New Orleans, Louisiana
\$30,000
For the planning phase of the 1997 Environmental Justice Festival.

Los Angeles Festival
California
\$60,000
For a six-month feasibility study of future organizational options.

National Black Arts Festival, Inc.
Atlanta, Georgia
\$75,000
For Celebrate Africa! the international component of the 1994 National Black Arts Festival.

Pepatian, Inc.
Bronx, New York
\$45,000
For the fifth annual international Latino arts festival, Romperforma: Maraton de Baile, Performance & Visuales.

Teatro Avante, Inc.
Coral Gables, Florida
\$40,000
For "Differences Among Us," a conference to be held during the Ninth International Hispanic Theatre Festival.

Visual Arts Resource and
Research Center Relating to
the Caribbean, Inc.
New York, New York
\$20,000
Toward the costs of the Sixteenth Annual Expressions International Festival entitled Towards the 21st Century: Defining an Aesthetic for New World Africans.

Franklin Furnace Archive, Inc.
New York, New York
\$10,000
Toward costs of hiring a consultant to help plan and implement its new artistic programs.

Grantmakers in the Arts
Philadelphia, Pennsylvania
\$10,000
For its 1994 activities.

The Howard Gilman Foundation
New York, New York
\$6,000
For the planning phase of establishing a center for cultural policy and research.

Institute of International Education
New York, New York
\$30,000
In support of a planning process to develop a multiyear plan for the growth of its Arts International division

Intercultural Film/Video Program
[1993-\$975,000 in addition to remaining funds from prior year appropriations]
To enable U.S. and international film- and videomakers to create independent work that explores diverse communities, their conflicts, connections, and commonalities, and to provide dissemination of such work to new and wider audiences here and abroad

American Social History Productions
New York, New York
\$75,000
For the research and development stage of producing a CD-ROM disk based on the 1914-1945 section of the text Who Built America?

British Film Institute
London, England
\$50,000
For use by BFI-TV for the sub-Saharan program in the television series 100 Years of Cinema

Film Resource Unit,
Johannesburg, South Africa
\$10,000
For its Distribution Programme, designed to increase public access to independent Southern African film makers' work and stimulate independent educational film production in that region

The Film Society of Lincoln Center, Inc.
New York, New York
\$40,000
Toward costs of the second African Film Festival

Foundation for Art in Cinema (San Francisco Cinematheque)
California
\$30,000
Toward the costs of a two year program to exhibit and widen the impact of experimental film and video

International Film Seminar, Inc.
New York, New York
\$25,000
For travel and housing expenses for Asian and Asian American participants of the 1994 Robert Flaherty International Film Seminar

Johns Hopkins University
Baltimore, Maryland
\$25,000
For use by SoundPrint, for a conference entitled "INTERCONNECT, A Catalyst for International Public Radio Programming"

L A Freewaves
Los Angeles, California
\$25,000
For production and distribution costs of continuing the Operation L A Airwave project

Media for Development Trust
Harare, Zimbabwe
\$15,000
For a study and subsequent conference/workshop on African film and video distribution

National Video Resources, Inc.
New York, New York
\$1,000,000
To increase public access through videocassette to outstanding cultural, educational, and documentary film and video materials

Sundance Institute for Film and Television
Salt Lake City, Utah
\$75,000
For the New Media Initiative, a program to advance the creative component of interactive media by exposing artists and thinkers to the new technology

Television Trust for the Environment
London, England
\$50,000
For production and distribution costs of Developing Stories II, a series of television programs by developing world filmmakers that interprets their countries' perspectives and the issues of development, population and the environment

FELLOWSHIPS SELECTED FOR 1994

Alberto Cortes Calderon
Mexico City, Mexico
\$35,000
For Violetta

Ximena Cuevas
Mexico City, Mexico
\$15,000
For Rounds in the City

Helen De Michel
Minneapolis, Minnesota
\$35,000
For Tarantella

Loni Ding
San Francisco, California
\$35,000
For The Chinese Laundryman's Children

Arthur Dong
Los Angeles, California
\$35,000
For They Called Us Lesbians

Stephen Dwoskin
Commack, New York, and London, England
\$35,000
For In a Strange Land Within My Own Country

Patricio Riquelme Fagerstrom
Santiago, Chile
\$35,000
For White Fear Disorder

Fabián Hofman
Buenos Aires, Argentina
\$15,000
For Los Ferro

Philip Mallory Jones
Mesa, Arizona
\$35,000
For First World Order Installation Project

Sylvia Morales
Los Angeles, California
\$35,000
For Real Men and Other Miracles

Arthur Omar
Rio de Janeiro, Brazil
\$15,000
For Magnetic Choices

Pepón Osorio
Bronx, New York
\$35,000
For En la Barbería No Se Lloro

Mariano Alejo Pensotti
Buenos Aires, Argentina
\$35,000
For Dreaming about Wolves and Giraffes

Randy Redroad
New York, New York
\$35,000
For High Horse

Signifyn' Works
Berkeley, California
\$35,000
For filmmaker Marlon Rigg's film Black is Black Ain't

Cauleen Smith
Emeryville, California
\$35,000
For The Indigo Trilogy

Renee Tajima
Los Angeles, California
\$35,000
For Road Trilogy Part I—Fortune Cookies, the Search for Asian America, Part II—L A Reunion

John Valadez
New York, New York
\$35,000
For Memory Against Forgetting

David Williams
Richmond, Virginia
\$35,000
Toward an as yet untitled dramatic narrative film

Andrei Zagdansky
Cliffside Park, New Jersey
\$35,000
For Fragments of a Correspondence with My Father

Foundation-Administered Projects
\$50,000
For administrative costs of the Intercultural Film/Video Fellowships Program

\$45,000
For travel, hotel, and administrative expenses related to a Pan-African conference on African film and video distribution, held in Victoria Falls, Zimbabwe, in 1994

Lincoln Center for the Performing Arts, Inc.
New York, New York
\$30,000
For jazz from Lincoln Center, a radio series that draws from live performances of jazz at Lincoln Center

Carlos Montemayor
Mexico City, Mexico
\$30,000
For continuation of the Contemporary Maya Literature project

Multi-Arts Production Fund
[1994-\$850,000 in addition to remaining funds from prior year appropriations]
To support creative artists in the performing arts whose work reflects the boldest explorations in intercultural and/or international representation

18th Street Arts Complex/
Highways Performance Space
Santa Monica, California
\$10,000

Toward the development and production of The Dodo Vaccine, an original solo theater piece created and performed by Dan Kwong

Appalshop (Roadside Theater)
Whitesburg, Kentucky
\$50,000

Toward Corn Mountain and Pine Mountain A Zuni-Appalachian Collaboration, an artistic exploration between members of Appalshop and Native American artists of the Zuni Pueblo in New Mexico. The project will result in the collaborative creation of a play

Axis Dance Troupe
Oakland, California
\$10,000

Toward the premiere of Visible Differences/Hidden Histories, an evening-length dance piece choreographed by artistic director Thais Mazur in collaboration with writer Matthew Soyster, visual artist Almudena Ortzi, and composer Amy X Newburg

Cal Performances/University
of California
Berkeley
\$25,000

Toward the co-commission of I Was Looking at the Ceiling and Then I Saw the Sky, a contemporary opera by composer John Adams, lyricist June Jordan, and director Peter Sellars

Center for the Arts at Yerba
Buena Gardens
San Francisco, California
\$25,000

Toward the creation of the first Youth Performing Arts Festival Project, a performance series of new interdisciplinary productions by young emerging artists allied with theater organizations including Cultural Odyssey, DramaDIVAS, Hispanos Unidos, Life on the Water, Vietnamese Youth Development Center's Theatre Program, Make-a-Circus, Theater Adelante/Teatro Nuestro, Teatro Mision, Cafe Poetry @ Arts Month, Rappers, and Midnight Voices

Cornerstone Theater Company
Santa Monica, California
\$25,000

Toward the creation and production of the San Miguel Project (part of Cornerstone's 15-month Watts Community Bridge program), a community-based theater work by Cornerstone's ensemble, director Juliette Carillo, playwright Bernardo Solano, and members of the Watts community

Cultural Odyssey
San Francisco, California
\$10,000

Toward the creation, development, and premiere of Street Wars Staying Alive, a full length musical performance piece created and performed by co artistic directors Idris Ackamoor and Rhodessa Jones

Dance Theater Workshop
New York, New York
\$10,000

Toward the creation and premiere of A Black Burlesque, an evening-length piece/performance conceived by choreographer Reggie Wilson

Dancing in the Streets
New York, New York
\$25,000

Toward the commission and production of City Water Tunnel #3, a multimedia performance piece created by performance artist Marty Pottenger

Dar a Luz
New York, New York
\$25,000

Toward the development and production of The History of Infamy, a multimedia theater piece by Reza Abdoh

The Eritrea Community Based
Theatre Project
Leeds, England
\$25,000

Toward a three-month collaboration between British theater professionals and Eritrean performing artists for cultural development in the newly independent country of Eritrea

Foundation for Independent
Artists—Eiko and Koma
New York, New York
\$10,000

Toward the development and presentation of River, an outdoor, site-specific collaboration between choreographers/performers Eiko and Koma and sculptor-environmentalist Judd Weisberg

Foundation for Independent
Artists—David Rousseve/
REALITY
New York, New York
\$35,000

Toward the creation and presentation of Wings of Faith (working title), a dance-theater work written, choreographed, and directed by David Rousseve with original music composed by M'shell Indege Oelleo, and visual design by Debby Lee Cohen

Gamelan Sekar Jaya
El Cerrito, California
\$35,000

Toward the creation of three new collaborative works for Balinese gamelan orchestra, dance, and wayang to be created by Balinese and American artists composers I Made Arnawa and Wayne Vitale, and dancers/choreographers/puppeteers I Made Sidia and Larry Reed

Gotham Dance (Bebe Miller
Company)
New York, New York
\$10,000

Toward the creation, development, and presentation of Tiny Sisters, an evening-length interdisciplinary dance collaboration by choreographer Bebe Miller, composer Robin Holcomb, and writer Holly Anderson

The Group/Seattle's Multicultural
Theatre
Washington
\$35,000

Toward the development and production of Undesirable Elements/Seattle, an original multidisciplinary work created specifically for the Northwest community by Ping Chong and based on his three-year residency at the theater

Helena Presents/Salish Kootenai
College (on the Salish and
Kootenai Indian Reservation)
Montana
\$35,000

Toward the residency, commission, creation, and performance of a music-dance work by choreographer Garth Fagan, jazz pianist and composer Don Pullen and the African Brazilian Connection, and the Chief Cliff Singers

House Foundation for the Arts
New York, New York
\$25,000

Toward the creation, development and production of Song of the Lark, a new opera by Meredith Monk

IHU-Editora e Produções
Artísticas
São Paulo, Brazil
\$25,000

Toward the presentation of IHU—A Celebration of Indigenous Amazon Music, a series of musical performances based on the songs of ten indigenous tribes from Brazilian Amazonia with the participation of director/singer Marlu Miranda, the choral group CoralUSP/Grupo Beijo and its conductor Tago Pinheiro, and producer/musician Rodolfo Stroeter

Japanese Cultural Arts Center/
Harupin-Ha Butoh Company
Berkeley, California
\$35,000

Toward the full-scale presentation of The Goblins, a multimedia Butoh-based dance-performance piece created by composer Hilmar Thordarson, choreographers Koichi and Kizoko Tamano, and visual artist Ako Nakamura

Life on the Water/Eco-Rap
San Francisco, California
\$10,000

Toward the commission, development, and production of the world premier of Genocidal Suicide, an interdisciplinary hip-hop performance piece by artistic director Leonard Pitt, hip-hop artists AK Black and Rico Gonzales, director Benny Sato Ambush, choreographer Deborah Vaughan, and multimedia artist Michael Fried

McCarter Theater
Princeton, New Jersey
\$25,000

Toward the production of the two-week-long McCarter New Play Festival under the artistic direction of Emily Mann, which will feature commissioned one-act plays and one fully produced full-length work

Miami-Dade Community College
Wolfson Campus
Florida
\$35,000

Toward Miami X Change, an ongoing initiative that will bring together local and national artist organizations to form collaborative artistic ventures that address the cultural conflict which exists between specific local communities. Participating artists and organizations this year include Koleksyon Kazak, Sosyete Koukouy, Dimizulu Gene Tinme, Anita Macbeth, Urban Bush Women, Carpetbag Theater, and Robbie McCauley @ Company

Music-Theatre Group
New York, New York
\$10,000

Toward the development and presentation of You Don't Miss Water, a music-theater work by Cornelius Eady and Diedre Murray

New York Theatre Workshop
New York
\$25,000

Toward the development and production of Nothing Forever, a play with music by Chiori Miyagawa in collaboration with director Juliette Carrillo, lyricist Mark Campbell, and composer Fabian Obispo

Pacific Symphony Association
Santa Ana, California
\$35,000

Toward the commission and presentation of A Musical Reflection on the Vietnam War, an orchestral/choral work composed by Eliot Goldenthal

Pepatian
Bronx, New York
\$25,000

Toward the development and production of Familias, a multi-disciplinary performance work by choreographer Merián Soto and visual artist Pepón Osorio in collaboration with filmmaker Irene Sosa and composer Carl Royce

Performance Space 122
New York, New York
\$10,000

Toward the development and production of Feather at the Flames, a new dance work by Marlies Yearby made in collaboration with visual artist Nikki Davis, writer Laurie Carlos, and composer Tye Groud

Pregones Theater
New York, New York
\$35,000

Toward the creation of La Ruta Panoramica: The Northeastern Latino Cultural Corridor, a collaboration between Pregones Theater, Inquilinos Boricuas en Accion-IBA (Boston), and Asociacion de Musicos Latino Americanos-AMLA (Philadelphia) designed to develop and present national and international multidisciplinary projects for residencies at each site. Participating companies this year include Los Pleneros de la 21, Balle de San Juan, and Agua, Sol Y Sereno

River Arts Repertory
New York, New York
\$10,000

Toward the research and development of The Children of War Project, a collaborative theater work based on stories that will be gathered from children of war and interviews made with political leaders, created by director Lawrence Sacharow, playwright Migdala Cruz, playwright/peace activist Yolanda King, and writer Anton Shamas

Seven Stages
Atlanta, Georgia
\$35,000

Toward the creation of Looking Backward, Working Forward, a theatrical collaboration by director Joseph Chaikin, author Susan Yankowitz, and Seven Stages that will (re)explore the collaborative process pioneered by the Open Theatre

Tara Arts Group
London, England
\$10,000

Toward the final workshop phase of The Odyssey Project, a theater production based on Homer's epic, directed and adapted by Jatinder Verma, with a cast of Aboriginal and Asian actors from Britain, Japan, and Australia

Walker Art Center
Minneapolis, Minnesota
\$25,000

Toward an extended community residency for the Hutute Empire to conduct community workshops, an ongoing performance collective, and an original performance work entitled The Punic Wars, which will tour throughout the area

Washington Performing Arts Society and Gala Hispanic Theatre, Washington, D C
\$25,000

Toward the creation and development of a new performance piece entitled The Dangerous Border Game by performance artists Guillermo Gomez Peña, Roberto Sifuentes, and area artists

The National Cultural Alliance
Washington, D C.
\$50,000

For its national campaign to expand public awareness of the critical role of the arts and humanities in the United States

National Endowment for the Arts
Washington, D C
\$25,000

For the conference "ART-21, for Art Reaches into the Twenty-First Century"

National Video Resources, Inc
New York, New York
\$3,500

For an evaluative study of the new technologies and the public interest

Network of Cultural Centers of Color
New York, New York
\$50,000

For direct costs of its 1994 production and touring

New School for Social Research
New York, New York
\$22,750

Toward the costs of a conference commemorating the sixtieth anniversary of the founding by European emigré scholars of the Graduate Faculty of the New School and the journal Social Research

\$100,000

For use by its International Center for Migration, Ethnicity and Citizenship for a scholarly project on the cultural and political consequences of immigration

New York Foundation for the Arts
New York
\$2,000

Toward costs of the arts information computer communication system Arts Wire

Newberry Library
Chicago, Illinois
\$40,000

For "Indian Voices in the Academy," a program of faculty development for teachers of Native American history, run by the Library's D'Arcy McNickle Center for the History of the American Indian

Nuyorican Poets Cafe
New York, New York
\$20,000

For the Fifth Night, a series of developmental screenplay readings and screenings

The Philippine Information Education and Resource Center, Inc

San Francisco, California
\$20,000
In support of its Filipino American Arts Exposition

Princeton University
New Jersey
\$6,300

For use by the Program in Latin American Studies, toward costs of its 1994 symposium "The Caribbean between Empires"

Queens College, Inc
Flushing, New York
\$20,000

For use by the Asian-American Center, in support of a series of public forums to be held in connection with the exhibition Asia/America Identities in Contemporary Asian-American Art

Resident Fellowships in the Humanities

[1994-\$2,700,000 in addition to remaining funds from prior year appropriations]
To advance scholarship that illuminates international and intercultural issues as well as institutional sites where such scholarship is sustained

Associação Cultural Estudos Contemporaneos
Rio de Janeiro, Brazil
\$62,000

Toward the costs of a conference on the effects of globalization processes on economic and cultural spheres in North and South America

Columbia College
Chicago, Illinois
\$247,300

Toward the costs of a program of Rockefeller Foundation Humanities Residency Fellowships at the Center for Black Music Research

Don Giovanni A C
Mexico City, Mexico
\$250,000

Toward the costs of a program of Rockefeller Foundation Humanities Residency Fellowships

Florida International University
Miami
\$250,000

Toward the costs of a program of Rockefeller Foundation Humanities Residency Fellowships at the Cuban Research Institute

<p>Graduate School and University Center of the City University of New York New York [1994–\$58,450 in addition to remaining funds from a prior year allocation] <i>Toward the costs of an Inter American conference on cultural studies to be held in Mexico City</i></p>	<p>University of Wisconsin Milwaukee \$250,000 <i>Toward the costs of a program of Rockefeller Foundation Humanities Residency Fellowships at the Center for Twentieth Century Studies</i></p>	<p>Arizona State University Foundation Tempe \$50,000 <i>For use by the Arizona State University Art Museum, at the College of Fine Arts, for the exhibition Art Under Duress El Salvador 1980–Present</i></p>	<p>Mint Museum of Art Charlotte, North Carolina \$50,000 <i>Toward the costs of the exhibition Michael Luccro Sculpture 1976–1994</i></p>
<p>Harvard University Cambridge, Massachusetts \$30,000 <i>For use by the W E B Du Bois Institute in support of an International African American Studies Association</i></p>	<p>Washington State University Pullman \$250,000 <i>Toward the costs of a program of Rockefeller Foundation Humanities Residency Fellowships at the Northwest Center for Comparative American Cultures and Race Relations</i></p>	<p>Beem Foundation for the Advancement of Music Los Angeles, California \$25,000 <i>Toward the costs of the exhibition The Musical Renaissance of Black Los Angeles</i></p>	<p>The Newark Museum Association, New Jersey \$10,000 <i>In support of an exhibition of works by Pepón Osorio</i></p>
<p>Institute for Advanced Study Princeton, New Jersey \$15,000 <i>Toward the costs of a conference on women and feminism in countries undergoing political and economic transition</i></p>	<p>Foundation Administered Projects [1994–\$85,000 in addition to remaining funds from prior year appropriations] <i>For administrative expenses incurred in connection with the 1995–1996 program of Resident Fellowships in the Humanities</i></p>	<p>California Afro-American Museum Foundation Los Angeles \$11,000 <i>Toward the expenses of producing a catalog for the exhibition John Outterbridge A Retrospective</i></p>	<p>New Jersey Historical Society Newark \$35,000 <i>Toward the costs of the exhibition Caribbean Folk Arts in New Jersey</i></p>
<p>Universidade de São Paulo Brazil \$247,000 <i>Toward the costs of a program of Rockefeller Foundation Humanities Residency Fellowships at the Núcleo de Estudos da Violência</i></p>	<p>\$100,000 <i>To convene a meeting on the state of African humanities and to explore extending the Residency Program to Africa</i></p>	<p>Exit Art, Inc New York, New York \$100,000 <i>In support of its 1994 Exhibitions Program</i></p>	<p>Self Help Graphics and Arts, Inc Los Angeles, California \$35,000 <i>In support of its 1994–95 program activities</i></p>
<p>Universidade Federal do Rio de Janeiro Brazil \$250,000 <i>Toward the costs of a program of Rockefeller Foundation Humanities Residency Fellowships at the Race Relations and Black Culture Research Program (Núcleo da Cor)</i></p>	<p>Scottsdale Cultural Council Arizona \$20,000 <i>Toward the costs of a 1994 festival and symposium Imagining Indians Indigenous Perspectives in Film and Video</i></p>	<p>Federation of State Humanities Councils Arlington, Virginia \$50,000 <i>In support of the traveling exhibition Produce for Victory Posters and the American Home Front, 1941–45</i></p>	<p>Smithsonian Institution Washington, D C \$50,000 <i>For use by its Traveling Exhibition Service, toward the costs of the exhibition An Ocean Apart Vietnamese Contemporary Art from the United States and Vietnam</i></p>
<p>University of California Los Angeles \$54,725 <i>Toward the costs of a symposium entitled Strategizing Cultures An Asian American Dialogue on the Humanities and the Arts</i></p>	<p>Understanding Cultures through Museums [1994–\$1,000,000 in addition to remaining funds from prior year appropriations] <i>To enable museums to conduct research for develop and present accurate imaginatively powerful exhibitions of non Western and American minority cultures</i></p>	<p>Foothill De Anza Community College District Los Altos Hills, California \$19,500 <i>For use by the Euphrat Museum of Art at De Anza College toward the costs of the exhibition Coming Across Art by Recent Immigrants, Part 2</i></p>	<p>Storefront for Art and Architecture New York, New York \$10,000 <i>For research and development costs for the exhibition Housing for the 21st Century Ecology of Home</i></p>
<p>University of Puerto Rico Rio Piedras \$250,000 <i>Toward the costs of a program of Rockefeller Foundation Humanities Residency Fellowships at the College of Humanities</i></p>	<p>A shwá A wan Museum and Heritage Center Zuni, New Mexico \$10,000 <i>Toward the costs of publishing a series of three position papers on issues relevant to tribal eco museums</i></p>	<p>IDG Films San Francisco, California \$60,000 <i>Toward the costs of the exhibition Nagasaki Journey—The Photographs of Yosuke Yamahata</i></p>	<p>University of Arizona Tucson \$25,000 <i>For use by the Center for Creative Photography toward costs of the exhibition and publication project Reconstruction William Christenberry's Art</i></p>
<p>University of Texas Austin \$250,000 <i>Toward the costs of a program of Rockefeller Foundation Humanities Residency Fellowships at the Archer M Huntington Art Gallery</i></p>	<p>Anchorage Fine Arts Museum Association Alaska \$25,000 <i>Toward costs of the exhibition Our Way of Making Prayers The Living Tradition of Yup'ik Masks</i></p>	<p>Independent Curators, Inc New York, New York \$25,000 <i>Toward support of three exhibitions Transformers, Asian American Video, and Image and Memory Latin American Photography</i></p>	<p>Whitney Museum of American Art New York, New York \$75,000 <i>Toward the costs of the exhibition Black Male Representations of Masculinity in Contemporary American Art</i></p>

University of Houston
Texas
[1994-\$300,000 in addition to remaining funds from prior year appropriations]
To continue support for a long-term research, preservation, and publication project to recover the Hispanic literary heritage of the United States

Vivian Beaumont Theater, Inc
New York, New York
\$50,000
For workshop and development costs of *Chronical of a Death Foretold*, a dance/theater piece based on a novella by Colombian author Gabriel Garcia Marquez

Washington Drama Society, Inc
(Atrium Stage)
Washington, D C
\$50,000
Toward the costs of commissioning, developing, and producing plays in conjunction with its Cultural Diversity Program

World Priorities
Washington, D C
\$8,000
Toward the costs of an updated and revised edition of *Women A World Survey* (joint grant with African Initiatives and Population Sciences for a total of \$24,000)

LIVING WITH DIVERSITY
BUILDING STRUCTURES FOR
THE NEW CIVIL SOCIETY

Arizona Council on the
Humanities and Public Policy
(Arizona Humanities Council)
Phoenix
\$35,000
For costs of implementing a grants program to stimulate community dialogue on issues in public education and academic freedom

Benton Foundation
Washington, D C
\$10,000
For the conference "The National Information Infrastructure and The Public Interest A Public Dialogue"

California College of Arts and
Crafts, Oakland
\$10,000
For the Teenage Livingroom project

College Art Association of
America, Inc
New York, New York
\$35,000
Toward the costs of its 1995 annual conference, in San Antonio, Texas

The Common Enterprise/PACT
[1994-\$1,600,000]
Toward the costs of identifying, supporting, and strengthening partnerships within communities or across communities that address conditions of conflict or tension through policy-oriented, culturally situated, or other on-the-ground projects

National Civic League, Inc
Denver, Colorado
\$100,000
For the network development component of the American Renewal project

Foundation-Administered Projects
\$321,000
For administrative costs of the TCE exploration

\$567,035
For administrative costs of the TCE exploration

\$4,500
For administrative costs related to the PACT program

\$7,500
For administrative costs of the PACT exploration

\$137,280
For administrative costs of the TCE program

Dance Theatre Workshop
New York, New York
[1994-\$600,000 in addition to remaining funds from prior year appropriations]
In support of its Suitcase Fund, a program of reciprocal touring by artists and companies from the United States and abroad

El Fideicomiso Para la Cultura
México/USA (U S -Mexico Fund
for Culture)
Mexico City
[1994-\$400,000 in addition to remaining funds from prior year appropriations]
To continue a program of support for collaboration exchange, and interaction between U S and Mexican artists and scholars in partnership with the Bancomer Foundation and Mexico's National Council for Culture and the Arts

Fortifying Civil Societies Across
Muslim Regions Through Their
Cultural Institutions
[1994-\$1,000,000 in addition to remaining funds from prior year appropriations]
To foster a set of activities in Muslim societies in which issues of pluralism and diversity are the subject of public and policy discussions

Dartmouth College
Hanover, New Hampshire
\$41,530
For the March 1995 Bellagio conference on the creation and dissemination of new Islamic writings in Muslim societies seeking to sustain civic pluralism

Obor, Inc
Gulford, Connecticut
\$22,130
Toward the costs of a feasibility study on the establishment of an Arab world Obor affiliate

SANART 92, Association for
the Promotion of Visual Arts
in Turkey
Ankara
\$16,600
For a pilot study aimed at producing a document that will set guidelines for enhancing the role of museums in contemporary Turkish society

Turkish Economic and Social
History Foundation
Istanbul
\$100,000
Toward research and planning costs of establishing a Turkish Social History Museum and in support of an exhibit *Immigration, Ethnic Cultures and Cultural Pluralism The Last 150 Years*

Women Living Under Muslim
Laws
Grabels, France
\$75,000
In support of its documentation center

Foundation-Administered Project
\$25,000
To cover meeting and consultancy expenses in connection with the U S /Muslim exploration

La Red Latinoamericana de
Productores Independientes de
Arte Contemporaneo
Paraty, Brazil
[1994-\$275,000 in addition to remaining funds from prior year appropriations]
To facilitate intracontinental interaction among Latin American artists and independent arts organizations

Life and Peace Institute
Uppsala, Sweden
\$75,000
Toward the costs of a research project on churches and reconciliation in the transition to democracy *El Salvador, Germany, Estonia, Ethiopia, Nicaragua, Philippines, South Africa, and South Korea*

Manchester Craftsmen's Guild
Pittsburgh, Pennsylvania
\$65,000
For Leadership 2000, a program of arts and economic development training for community based arts organizations

\$25,000
Toward continued support of the Apprenticeship Training Program (joint grant with School Reform, for a total of \$50,000)

Market Theatre
Johannesburg, South Africa
\$140,000
In support of its *Laboratory's educational and outreach activities in southern Africa*

Market Theatre Foundation
Johannesburg, South Africa
\$35,000
For direct costs of a project to evaluate the Market Theatre and to develop a strategic plan for its future

Mediation Network for
Northern Ireland
Belfast
\$17,000
Toward the costs of research and training on peace making and conflict resolution in Northern Ireland

Meet the Composer
New York, New York
\$50,000
In support of the *New Residencies Program*, which places composers in residence at music and community service organizations in an effort to encourage community dialogue

National Assembly of Local
Arts Agencies
Washington, D C
\$25,000
For a program designed to increase national awareness of the value of the arts in helping to solve education, social, and economic problems

National Council on Religion and Peace
Colombo, Sri Lanka
\$23,100
Toward the costs of research and consultations on multi-religious cooperation for peace in Sri Lanka

Partners for Livable Communities
Washington, D C
\$160,000
In support of a project designed to strengthen the role of cultural leadership in community problem solving

Strengthening African Cultural Institutions
[1994-\$750,000]
To strengthen the role of African cultural institutions in emerging civil societies

African Books Collective, Ltd
Oxford, England
\$110,000
For the compilation and distribution of current and backlisted publications of educational, literary, and scholarly value as well as research and dissemination activities

Boston College
Chestnut Hill, Massachusetts
\$26,470
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 developing countries

Watatu Foundation
Santa Barbara, California
\$7,560
Toward the costs of Kenyan artists' participation in the 1995 Johannesburg International Biennale

Foundation-Administered Project
\$4,000
To cover expenses for an in house conference on Media Pluralism in West Africa

Strengthening African Museums
[1993-\$250,000 in addition to remaining funds from prior year appropriations]
To foster a set of initiatives that will aid civil-society-building activities by African museums

International African Institute
London, England
\$135,820
For the West African Museums Programme's workshop entitled Museums and History and related activities, including a museum exhibition and TV broadcast

Strengthening African Publishing
[1992-\$520,000 in addition to remaining funds from prior year appropriations]
To secure and strengthen the activities of indigenous African publishers

The African Publishers' Network (APNET)
Harare, Zimbabwe
\$150,000
For support of its two-year General Programme, including the African Publishing Institute and all training programs

The Ranfurly Library Service
London, England
\$25,000
Toward the costs of purchasing and distributing educational books on publishing to small African publishers throughout Africa

Southern African Book Development/Education Trust (SABDET)
London, England
\$20,000
For the South-North Travel Fund and toward the costs of its African Periodicals Exhibit for the 1994 Zimbabwe International Book Fair

University of Ghana
Legon
\$35,000
Toward the costs of bringing African writers, critics, and filmmakers to the African Literature Association's twentieth annual conference in Accra

Strengthening African Radio
[1993-\$250,000]
To foster a set of initiatives that will aid civil-society-building activities by African radio broadcasters

Panos Institute
Paris, France
\$150,000
For its program to strengthen independent radio in West Africa

Understanding Conflict Trust
Belfast, Northern Ireland
\$15,000
Toward the costs of a program on religious communities and peace building

United States Holocaust Memorial Council
Washington, D C
\$40,000
For use by its United States Holocaust Research Institute in support of a scholarly project examining the impact of destruction of social and cultural capital on societies

University of Guadalajara
Mexico
\$28,430
For use by the Guadalajara International Book Fair toward the costs of a Bellagio conference on international book fairs (joint grant with the Bellagio office for a total of \$30,830)

Washington Project for the Arts
Washington, D C
\$25,000
For the exhibition Burnt Whole Contemporary Artists Reflect on the Holocaust, presenting the work of post Holocaust-generation artists

World Conference on Religion and Peace—South African Chapter,
Johannesburg
\$66,400
Toward the costs of a consultation on the religious response to the work of the Truth and Reconciliation Commission

World Conference on Religion and Peace
New York, New York
\$150,000
Toward planning costs of an international initiative on religious cooperation and conflict resolution

World Music Productions
Brooklyn, New York
[1994-\$50,000 in addition to remaining funds from a prior grant]
Toward the African distribution component of its radio series Afropop Worldwide

Foundation-Administered Project
\$50,000
Toward the costs of documentation of a series of Foundation-supported meetings on religion and conflict and for ensuing follow-through activities

CONTINUING PROGRAMS

Artists' Projects Regional Initiative
[1994-\$300,000 in addition to remaining funds from prior year appropriations]
To assist emerging American artists in developing new work and reaching new audiences through arts organizations in their own parts of the country

Each grantee below receives additional funds from the National Endowment for the Arts and the Andy Warhol Foundation for the Visual Arts to administer a regional regranting program supporting projects by individual artists

Alternate Roots
Atlanta, Georgia
\$23,000
To administer the Initiative in Georgia, Kentucky, North Carolina, South Carolina, and Tennessee

Contemporary Arts Center
New Orleans, Louisiana
\$19,500
To administer the Initiative in Alabama, Arkansas, Louisiana, and Mississippi

DiverseWorks
Houston, Texas
\$23,000
To administer the Initiative in Arizona, New Mexico, Oklahoma, and Texas

Helena Presents
Montana
\$23,000
To administer the Initiative in Colorado, Idaho, Montana, Nevada, Utah, and Wyoming

Intermedia Arts
Minneapolis, Minnesota
\$17,000
To administer the Initiative in Iowa, Minnesota, Kansas, Nebraska, North Dakota, South Dakota and Wisconsin

Lower Manhattan Cultural Council
New York, New York
\$25,000
To administer the Initiative in New York

New England Foundation for the Arts
Cambridge, Massachusetts
\$24,000
To administer the Initiative in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont

New Langton Arts
San Francisco, California
\$20,000
To administer the Initiative in California and Hawaii

On the Boards
Seattle, Washington
\$17,000
To administer the Initiative in Washington, Oregon, and Alaska

Painted Bride Art Center
Philadelphia, Pennsylvania
\$20,000
To administer the Initiative in Delaware, New Jersey, Pennsylvania, Virginia, West Virginia, and the District of Columbia

Randolph Street Gallery
Chicago, Illinois
\$23,000
To administer the Initiative in Illinois, Indiana, Michigan, and Ohio

South Florida Art Center
Miami Beach
\$12,000
To administer the Initiative in Florida

Foundation-Administered Project
\$45,000
For administrative costs of the Artists' Projects Regional Initiative

Institute of International Education
New York, New York
[1994-\$375,000 in addition to remaining funds from prior year appropriations]
To improve and increase the role of American artists in international visual arts exhibitions and performing arts festivals throughout the world, through the Fund for U S Artists at International Festivals and Exhibitions in partnership with the Pew Charitable Trusts, the National Endowment for the Arts, and the U S Information Agency, and administered by Arts International

Music of the Americas
[1993-\$550,000]
Toward the costs of collaborative residency programs for composers between Latin America and the United States

American Composers Orchestra
New York, New York
\$150,000
For the 1995-1996 seasons of Sonidos de las Américas, a festival celebrating the music of Venezuela and Brazil

Centro Cultural Ciudad de Buenos Aires
Argentina
\$52,100
For the costs of a collaborative residency and exchange program for computer music composers at the Laboratorio de Investigación y Producción Musical

Relâche
Philadelphia, Pennsylvania
\$50,000
For Latin American Activities of the Music in Motion residency/exchange program

Stanford University
California
\$52,100
For the costs of a collaborative residency and exchange program for computer music composers at its Center for Computer Research in Music and Acoustics

University of California
San Diego
\$52,100
For the costs of a collaborative residency and exchange program for computer music composers at its Center for Research in Computing and the Arts

Equal Opportunity Grants

The Equal Opportunity division seeks to advance equal opportunity for all Americans by promoting self-sufficiency for the urban poor and securing and protecting the basic rights of minorities in the U.S. In attacking urban poverty, the division seeks to connect to the world of work the millions of working-age people now living in urban households who are largely isolated from mainstream opportunities. To this end, the division supports activities in three areas: (1) stimulating research on the consequences of macroeconomic shifts for the urban poor and society as a whole, (2) testing promising ways of increasing job opportunities for urban poor individuals and families, and (3) bolstering efforts to build viable communities and institutions that support the work effort of community residents and enhance job opportunities. As part of its efforts to secure and protect the basic rights of minority groups in America, the division supports national advocacy and litigation that advance these objectives, and enables select institutions to carry out research and public-policy analysis on issues affecting the rights of minorities.

INCREASING EMPLOYMENT OPPORTUNITIES

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

[1994-\$250,000 in addition to remaining funds from prior year appropriations]

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

Columbia University
New York, New York
\$120,000

Toward the costs of analyzing the data collected from and preparing four papers on an ethnographic study of youth in the secondary labor market in two urban sites: Harlem, New York City, and Oakland, California.

Corporation for Supportive Housing
New York, New York
\$85,000

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

Development Fund
San Francisco, California
\$85,000

Toward the costs of its Community Economic Development Lending Initiative's (CEDLI's) second year of operation.

The Future of Work
New York, New York
[1994-\$1,000,000]

To initiate a joint program with the Russell Sage Foundation in support of research on macroeconomic trends and the increasingly acute problems of low-skilled workers in advanced economies.

Harvard University
Cambridge, Massachusetts
\$7,000

Toward the costs of planning a Policy Study Group for community-based development.

Manpower Demonstration Research Corporation
Washington, D.C.
\$150,000

Toward the costs of the design phase of a "Job opportunities in public housing" demonstration.

Memphis State University
Tennessee
\$5,000

Toward the costs of a feasibility study to determine if enough data exist to compare results from randomized experiments and quasi-experiments designed to measure the effects of social intervention.

Midwest Center for Labor Research
Chicago, Illinois
\$75,000

Toward the costs of its core activities and the development of a set of criteria for evaluating these efforts.

Morehouse College
Atlanta, Georgia
\$100,000

To provide support for the Morehouse Research Institute (MRI), an interdisciplinary center that generates and disseminates policy-relevant research and information on African-American men.

National Bureau of Economic Research, Inc. (NBER)
Cambridge, Massachusetts
\$366,500

To provide support for the National Bureau of Economics' "Youth Unemployment and Employment in Advanced Countries" project.

New Hope Project, Inc.
Milwaukee, Wisconsin
[1994-\$500,000 in addition to remaining funds from prior year appropriations]

To test the feasibility and impact of programs designed to make work pay and to provide paid community service jobs for low-income individuals who are unable to find private-sector employment.

Northwestern University
Evanston, Illinois
\$50,670

Toward the costs of the research for and writing of a proposed book, "Changing Poverty/Changing Jobs," aimed at informing a broad audience about current research, policy options, and local projects that explore the linkages between poverty, employment, and the changing labor market.

NYC Neighborhood Entrepreneurs Employment Project
New York

[1994-\$430,000]

To test a joint initiative by the New York City Department of Housing Preservation and Development and members of the city's business community for placing residents of distressed areas in private-sector jobs.

Housing Partnership Development Corporation
New York, New York
\$350,000

Toward the costs of making private-sector employment opportunities in property management, construction, and rehabilitation available to tenants living in 1,000 units of city-owned housing that are scheduled for renovation and sale to private neighborhood entrepreneurs.

Public/Private Ventures, Inc. (P/PV)
Philadelphia, Pennsylvania
\$100,000

To provide support for the planning and site development phase of P/PV's Mobility-to-Work Project.

University of Wisconsin
Madison
\$75,000
Toward the costs of an analysis and evaluation design of the Sustainable Milwaukee Project

Urban Institute
Washington, D C
[1994-\$150,000, in addition to remaining funds from prior year appropriations]
To provide support for its policy research on the urban underclass and dissemination of the findings to policymakers and opinion leaders

\$100,000
For a small grants program concerning the transition from welfare to work

Work for Wisconsin, Inc.
Milwaukee
\$100,000
To provide support for its Community Service Jobs Design Project

BUILDING COMMUNITY

Center for Community Change
Washington, D C
[1994-\$450,000 in addition to remaining funds from prior year appropriations]
To support the center's targeted efforts to increase the public and private resources needed for community based development

Community Development Initiatives
[1994-\$2,492,664 in addition to remaining funds from prior year appropriations]
To continue support for the efforts of community development corporations in helping inner-city communities achieve sustainable social and economic self-sufficiency through the development of local leadership and investment in tangible capital assets

Enterprise Foundation
Columbia, Maryland
\$150,000
To continue support for the efforts of community development corporations in helping inner-city communities achieve sustainable social and economic self-sufficiency through the development of local leadership and investment in tangible capital assets

\$731,666
To implement the objective of the National Community Development Initiative

Local Initiatives Support Corporation
New York, New York
\$250,000
To continue support for the efforts of community development corporations in helping inner-city communities achieve sustainable social and economic self-sufficiency through the development of local leadership and investment in tangible capital assets

\$1,360,998
To implement the objective of the National Community Development Initiative

Community Planning and Action
[1994-\$9,776 in addition to remaining funds from prior year appropriations]
To support community-development corporation activities in selected cities

Consensus Organizing Institute, Inc
Boston, Massachusetts
\$270,700
To provide core support for the activities of the Consensus Organizing Institute

Family Foundation of North America/Family Service America
Madison, Wisconsin
\$35,000
Toward developing collaborative initiatives in policy and service delivery areas between Family Service Agencies and Community Development Corporations

National Congress for Community Economic Development
Washington, D C
\$19,250
Toward the costs of facilitating a conference on human capital initiatives in the community development field

\$40,000
Toward support for its third national community development survey

Urban Strategies Council
Oakland, California
[1994-\$450,000, in addition to remaining funds from prior year appropriations]

\$450,000
To provide core support for its activities in Oakland and its emergence as a new national intermediary in community building

BASIC RIGHTS

Joint Center for Political and Economic Studies, Inc
Washington, D C
\$65,000
Toward the costs of various close-out activities, including the completion of publications on urban poverty issues

Mexican American Legal Defense and Educational Fund (MALDEF)
Los Angeles, California
[1994-\$1,000,000 in addition to remaining funds from prior year appropriations]
Toward the establishment of a South Central Los Angeles Leadership Development Program and its efforts to rebuild Los Angeles

\$371,942
As an addition to MALDEF's Program Reserve Fund to support its litigation activities

\$150,000
Toward technical assistance for MALDEF's fund raising efforts

\$478,058
To support MALDEF's litigation activities

National Council of La Raza
Washington, D C
[1994-\$65,000 in addition to remaining funds from prior year appropriations]
To continue support for its policy analysis center

Native American Rights Fund
Boulder, Colorado
[1994-\$325,000 in addition to remaining funds from prior year appropriations]
To continue support for the advocacy, litigation, and technical assistance activities of its Human Rights project

Poverty and Race Research Action Council
Washington, D C
[1994-\$500,000, in addition to remaining funds from prior year appropriations]
To continue support for its networking with advocates and researchers and its commissioning of advocacy-driven social science research on race and poverty issues

Redistricting Challenges Under the Voting Rights Act
[1994-\$300,000]
To support the civil rights organizations responding to voting rights challenges

American Civil Liberties Union Foundation
New York, New York
\$60,000
Toward the direct costs of responding to redistricting challenges under the Voting Rights Act

Lawyers' Committee for Civil Rights Under Law
Washington, D C
\$60,000
Toward the direct costs of responding to redistricting challenges under the Voting Rights Act

Mexican American Legal Defense and Educational Fund
Los Angeles, California
\$60,000
Toward the direct costs of responding to redistricting challenges under the Voting Rights Act

Southern Regional Council
\$60,000
Toward the costs of responding to redistricting challenges under the Voting Rights Act

OTHER GRANTS

Children Now
Oakland, California
[1994-\$100,000 in addition to remaining funds from prior year appropriations]
To support its development of mass communication techniques for informing California's general public and policymakers about issues that directly affect the physical and psychological well being of the state's children, particularly those who are poor or at risk

School Reform Grants

Children's Defense Fund Washington, D C

[1994-\$500,000 in addition to remaining funds from prior year appropriations]

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

[1994-\$500,000 in addition to remaining funds from prior year appropriations]

To facilitate the planning and development of a ten year Black Community Crusade for Children

Tomas Rivera Center Claremont, California

[1994-\$125,000 in addition to remaining funds from prior year appropriations]

To continue its studies of social economic and political conditions in targeted Latino areas of Texas

The Foundation supports a limited number of programs to improve public education in poor communities for at-risk youths and to help these youths succeed in school and society. The division targets two central areas of reform: (1) fostering child-centered school reform through dissemination of the development program and philosophy advanced by Dr. James P. Comer and (2) building infrastructures in a limited number of urban school districts for the comprehensive, intensive professional development of educators at all levels.

<hr/> American Association for Higher Education Washington, D C \$50,000 <i>In support of its commission appointed to review expenditures under the federal Chapter 1 program</i> <hr/> Arizona State University Foundation Tempe \$5,000 <i>In support of the Coalition to Increase Minority Degrees' first annual conference on expanding minority opportunities</i> <hr/> Collaboratives for Humanities and Arts Teaching (CHART) [1993-\$1,300,000 in addition to remaining funds from prior year appropriations] <i>To provide support for the national CHART network of teacher centered projects, which promote arts and humanities education in public schools</i> <hr/> Alliance for Curriculum Reform Arlington, Virginia \$59,000 <i>Cost of conducting a research synthesis on the best evidence available regarding the efficacy of interventions aimed at improving student achievement the findings to be published in a handbook for educators</i> <hr/> International Education Consortium St. Louis, Missouri \$50,000 <i>Toward the coordination of the Collaboratives for Humanities and Arts Teaching (CHART) Network</i>	Foundation-Administered Projects \$3,600 <i>For administrative costs related to the Foundation's termination of support for the CHART program</i> \$7,000 <i>For administrative costs to disseminate the lessons learned from the CHART experience</i> \$11,800 <i>Toward the costs of producing a one-hour videotape highlighting CHART teachers and processes</i> \$13,000 <i>Toward the administrative costs associated with the preparation of an archival monograph on the CHART project</i> \$6,500 <i>For administrative costs associated with the closeout of the CHART network</i> <hr/> Council on Foundations Washington, D C \$5,000 <i>For use by Grantmakers for Children Youth & Families in support of its 1994 activities</i> <hr/> District of Columbia Public Schools Washington, D C \$99,470 <i>Toward support of systemic implementation of the Comer School Development Program in the public schools of the District of Columbia</i>
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Fund for New York City
Public Education
New York
\$34,500
*Toward support of Chancellor
Ramon Cortines's Commission on
Educational Standards and
Accountability*

Manchester Craftsmen's Guild
Pittsburgh, Pennsylvania
\$25,000
*Toward continued support of the
Apprenticeship Training Program
(joint grant with Arts and
Humanities for a total of \$50,000)*

Manpower Demonstration
Research Corporation
New York, New York
\$100,000
*In support of an evaluation of the
Career Academies*

Modernizing Educator Training
and Development
[1994-\$800,000 in addition to
remaining funds from prior year
appropriations]
*To provide improved approaches to
educator professional development
aimed at enhancing the academic,
instructional, and leadership skills
of educators in schools serving
at-risk children*

Albuquerque Public Schools
New Mexico
\$15,000
*Planning grant for participation
in Phase II of the RF initiative
Building an Infrastructure for
Professional Development*

Alliance for Quality Education
Greenville, South Carolina
\$15,000
*Planning grant for participation with
the School District of Greenville
County in Phase II of the RF initiative
Building an Infrastructure for
Professional Development*

Denver Public Schools
Colorado
\$15,000
*Planning grant for participation in
Phase II of the RF initiative Building
an Infrastructure for Professional
Development*

Fort Worth Independent School
District
Texas
\$15,000
*Planning grant for participation in
Phase II of the RF initiative Building
an Infrastructure for Professional
Development*

Pittsburgh Public School District
Pennsylvania
\$15,000
*Planning grant for participation in
Phase II of the RF initiative Building
an Infrastructure for Professional
Development*

Public Broadcasting Service
Alexandria, Virginia
\$12,630
*Cost of a one-day retreat focused on
integrating technology and profes-
sional development for education*

San Antonio Independent School
District
Texas
\$15,000
*Planning grant for participation in
Phase II of the RF initiative Building
an Infrastructure for Professional
Development*

San Diego City Schools
California
\$15,000
*Planning grant for participation in
Phase II of the RF initiative Building
an Infrastructure for Professional
Development*

San Francisco Unified School
District
California
\$15,000
*Planning grant for participation in
Phase II of the RF initiative Building
an Infrastructure for Professional
Development*

School District of the City of Flint
Michigan
\$15,000
*Planning grant for participation in
Phase II of the RF initiative Building
an Infrastructure for Professional
Development*

University of Texas
El Paso
\$15,000
*Planning grant to support the par-
ticipation of El Paso Collaborative
for Academic Excellence in Phase II
of the RF initiative Building an
Infrastructure for Professional
Development*

Foundation-Administered Projects
\$1,350
*For administrative costs associated
with the dissemination of a report
entitled "Staff Development for
Teachers"*

\$3,000
*For the final development of the
request for proposals entitled
"Building an Infrastructure for
Professional Development"*

\$20,000
*Toward administrative costs associ-
ated with the development of an
intermediary organization to assist
school districts with their profes-
sional development reform efforts*

\$39,000
*Toward costs related to the planning,
development, and operation of the
RF initiative Building an Infrastruc-
ture for Professional Development*

\$355,900
*Toward costs related to the planning,
development, and operation of the
RF initiative Building an Infrastruc-
ture for Professional Development*

National Association of
Elementary School Principals
Foundation
Alexandria, Virginia
\$20,000
*Toward the costs of a forum for
elementary and middle school prin-
cipals held January 28-30, 1994*

Pitcon Foundation
Denver, Colorado
\$40,000
*Toward the costs of Center for
Quality Schools' training of Collabo-
rative Decision-Making Committees
in the Denver public schools*

Public Agenda Foundation
New York, New York
\$5,000
*Toward the costs of its research
project "Values in the Schools
Finding an American Consensus"*

Public Broadcasting Service
Alexandria, Virginia
\$87,600
*Toward support of a study of the fea-
sibility of establishing a technology-
based professional development
service for K-12 educators*

Public Education Association
New York, New York
\$75,000
*In support of a community-led
effort to restructure public
education in two school districts
in New York City*

Spreading the Comer School
Development Program and
Philosophy
[1994-\$2,000,000 in addition to
remaining funds from prior year
appropriations]
*To expand the number of public
schools utilizing the school improve-
ment approach developed by Dr
James P. Comer and to expose higher
education institutions and educa-
tion policymakers to his philosophy*

Association for Supervision
and Curriculum Development
Alexandria, Virginia
\$110,000
*Toward the costs of a second
national interactive satellite broad-
cast held on March 21, 1994, in
conjunction with the Association for
Supervision and Curriculum Devel-
opment's annual conference and
focusing on health and collaboration
components of the Comer School
Development Program*

Board of Education of Prince
George's County
Upper Marlboro, Maryland
\$150,000
*In support of Prince George's County
Comer School Development
Program regional training center*

Cleveland State University
Foundation
Ohio
\$89,990
*In support of a telecommunications
link for the partnership of the
Cleveland State University College
of Education with the Cleveland
Public Schools School Development
Program*

\$114,860
*In support of Cleveland State
University's Comer School Develop-
ment Program regional training
center*

Fund for New York City Public
Education
New York
\$95,800
*To support systemic implementation
of the Comer School Development
Program in Brooklyn's Community
School District #13*

Oakland County Youth Assistance
Coordinating Council, Inc
Michigan
\$3,500
*Toward the costs of a conference to
observe the fortieth anniversary of
the Oakland County Youth Assis-
tance Program*

Bellagio Study and Conference Center

San Francisco Education Fund
California
\$85,000
*In support of establishing a Bay Area
Comer School Development Program
regional training center at
San Francisco State University*

Southern University
New Orleans, Louisiana
\$120,150
*Toward the costs of an educational
partnership with the New Orleans
Public Schools to implement the
Comer School Development
Program and to improve preservice
teacher preparation at SUNO*

Yale University
New Haven, Connecticut
[1994—\$1,449,627 in addition to
remaining funds from prior year
appropriations]
*For use by the Yale Child Care Study
Center in further support of its
efforts to spread the Comer School
Development Program and
philosophy*

\$56,333
*For use by the Yale Child Care Study
Center toward continued support for
spreading the Comer School Devel-
opment Program and philosophy*

Foundation-Administered Projects
\$400,000
*Toward administrative costs associ-
ated with the evaluation of the
Comer School Development Program*

\$100,000
*Toward costs of a campaign to bring
the philosophy and work of James P.
Comer to the attention of education
policymakers and opinion leaders
throughout the country*

Teachers College, Columbia
University
New York, New York
\$1,200,000
*To convene and support a national
commission on teacher training and
development that will articulate a
vision for and promote the provision
of comprehensive teacher
development*

The College Board (College
Entrance Examination Board)
New York, New York
[1992—\$2,000,000]
*To prepare at risk minority students
in middle schools to complete
academically challenging mathe-
matics courses particularly those
needed for college enrollment
and employment*

\$500,000
*Toward continued support for the
Saturday Academies component of
the Board's Equity 2000 program*

Training Education Leaders to
Improve At Risk Schools
[1993—\$350,000 in addition to
remaining funds from prior year
appropriations]
*To support the development of sum-
mer academies that equip educators
in meeting the challenge of man-
aging schools serving at risk
children*

Michigan State University
East Lansing, Michigan
\$5,500
*Toward the cost of developing and
disseminating an article on the
Rockefeller Foundation sponsored
school district and state leadership
academies*

Thomas A. Wilson
Providence, Rhode Island
\$35,000
*Toward completion of a book
entitled Reaching for a Better
Standard*

Foundation Administered Project
\$45,500
*Toward administrative costs associ-
ated with conducting an educational
audit of the New Haven Public
Schools*

The Foundation's Bellagio Study and Conference Center on Lake Como in Italy annually hosts approximately 30 conferences on topics of international importance. Almost half of these are selected competitively, the other half are organized by Foundation officers or grantees. In addition, the Center provides approximately 145 individual residencies each year and 5 to 10 team residencies.

1994 Conferences

AGRICULTURAL AND ENVIRONMENTAL SCIENCES

Getting Agriculture Moving in the
1990s—Walter P. Falcon, Director,
Institute for International Studies,
Stanford University, California,
and C. Peter Timmer, Cabot Pro-
fessor at Large, Harvard Institute
for International Development,
Cambridge, Massachusetts
(April 18–22)

Follow up Donor Consultation on
Agenda 21 Research and Capacity
Building Initiatives—Anne V.
Whyte, Director General, Environ-
ment and Natural Resources
Division, International Develop-
ment Research Centre, Ottawa,
Canada (September 26–30)

Technological Prospects for
Sustainable Agriculture—William
R. Eblen, Director, Rene Dubos
Center for Human Environments,
Inc., New York, New York
(October 17–21)

ARTS

Music Technology and Post
Modernism in Russia, Europe, and
the Americas—Jon H. Appleton,
Arthur R. Virgin Professor of
Music, Dartmouth College,
Hanover, New Hampshire
(January 31–February 4)

CULTURAL STUDIES

Supranational Formations and
the Cultural Contradictions of
Global Integration—Tomás Ybarro-
Frausto, the Rockefeller Founda-
tion, George Yudice, Professor of
Romance Languages, Hunter
College, New York City, and Juan
Flores, Professor of Sociology,
CUNY Graduate Center,
New York City (May 16–20)

Independent Funders Facing
Europe's Immigration and Migra-
tion Challenge—Pasquale Pesce,
Director, Bellagio Study and
Conference Center
(February 7–9)

Development in the Digital
Village: A Meeting of the Agenda
21 Helsinki Group—Robert Lamb,
Director, Television Trust for the
Environment, Centre for Environ-
mental Communications, London
(December 5–9)

The Global Society and the Latino
Community—Frank Bonilla,
Director, Inter University
Program for Latino Research,
and Thomas Hunter Professor of
Sociology, Hunter College, CUNY
(December 12–16)

ECONOMICS

The Global and Comparative
Analysis of Financial Institutions—
Jordi Gual, Professor, Instituto de
Estudios Superiores de la Empresa,
Barcelona, Spain, and Harry M.
Makler, Professor, Center for
Economic Policy Research,
Stanford University,
California (May 9–13)

Future Directors for the United Nations Environment Programme—Kenneth Prewitt, the Rockefeller Foundation, and Elizabeth Dowdeswell, Undersecretary-General, UNEP (July 19–22)

EDUCATION

African Women Education Ministers—Fay Chung, Minister of State, National Affairs, Harare, Zimbabwe (June 27–July 1)

INTERNATIONAL SECURITY

Avoiding Nuclear War in South Asia—Steve Cohen, Program in Arms Control, Disarmament, and International Security, University of Illinois, Urbana, and Thomas W. Graham, the Rockefeller Foundation (September 18–19)

LANGUAGE AND LITERATURE

Access to Archives—Christoph Graf, Director, Swiss Federal Archives, Bern, and Trudy Huskamp Peterson, Acting Archivist, National Archives and Records Administration, Washington, D C (February 28–March 4)

International Book Fair Directors—David Unger, Division of Humanities, City College of New York, CUNY, and Tomás Ybarra-Frausto and Clifford Chanin, both of the Rockefeller Foundation (June 13–17)

LAW AND POLITICAL SCIENCE

Extradition and Human Rights—Alfred P. Rubin, Distinguished Professor of International Law, Tufts University, Medford, Massachusetts (February 21–23)

Unaccompanied Refugee Minors: Critical Guidelines for Durable Solutions—Julie C. Macdonald, Program Director, Children's Services, Lutheran Immigration and Refugee Services, New York City, and Mary Anne Schwalbe, Staff Director, Women's Commission for Refugee Women and Children, International Rescue Committee, New York City (March 21–25)

Emigration Dynamics in Developing Countries: Midterm Review of a Major Research Project—R. T. Appleyard, Professor Emeritus, Department of Economics, and Associate Director, Graduate School of Management, University of Western Australia (October 3–7)

MEDICAL AND POPULATION SCIENCES

International Advocacy on Women's Health—Marianne Haselgrave, Director, and John Havard, Secretary, both of the Commonwealth Medical Association, London, England (February 14–18)

AIDS Vaccine Initiative—Seth F. Berkley, the Rockefeller Foundation (March 7–11)

The Role of Plasmodium Lactic Acid Dehydrogenase in Diagnosis and Potential Therapy for Malaria—Michael T. Maker, M.D., Associate Professor of Pathology, Oregon Health Sciences University, Portland (April 5–9)

Population Forum II—Steven W. Sinding, the Rockefeller Foundation (April 25–29)

Public Health Training Programs for the Next Century—Seth F. Berkley, the Rockefeller Foundation (May 23–27)

Social Suffering: Experience, Representation, Policy—Veena Das, Professor and Chair, Department of Sociology, University of New Delhi, Arthur Kleinman, Professor of Medical Anthropology, Harvard University, and Margaret Lock, Professor of Anthropology, McGill University, Montreal, Canada (July 4–10)

Permanently Unconscious Patients: The Need for Responsible Medical, Legal, and Public Policies—William J. Winslade, James Wade Rockwell Professor of Philosophy in Medicine, University of Texas Medical Branch, Galveston (August 8–12)

Addressing Nutrition Malpractice—Abraham Horwitz, Chairman, Subcommittee on Nutrition, United Nations, and F. James Levinson, Cambridge, Massachusetts (October 31–November 4)

Leadership in Health in the 21st Century—Seth F. Berkley, the Rockefeller Foundation (November 28–December 2)

PHILOSOPHY, RELIGION AND ETHICS

Northern Ireland/Former Yugoslavia/Israel-Palestine Case Studies—William F. Vendley, Interim Secretary-General, World Conference on Religion and Peace, New York City (September 5–9)

SOCIOLOGY AND ANTHROPOLOGY

National Minorities, Nationalizing States, and External National Homelands in the New Europe: Comparative and Historical Perspectives—Rogers Brubaker, Associate Professor of Sociology, University of California, Los Angeles (August 22–26)

Appropriating Gender: Women's Activism and the Politicization of Religion in South Asia—Amrita Basu, Professor of Political Science, Amherst College, and Toby Alice Volkman, Program Director, South Asia, Social Science Research Council (August 29–September 2)

Bellagio Individual Residents

AGRICULTURAL AND ENVIRONMENTAL SCIENCES

Pierre Crosson (U.S.A.) Senior Fellow, Resources for the Future, Washington, D.C. An article on designing agricultural research strategies for developing countries, taking into account the natural resource and environmental consequences as well as the economic consequences of new agricultural technologies

L. Alan Eyre (Jamaica) Senior Research Fellow, Discovery Bay Marine Laboratory, University of the West Indies, Jamaica. A manuscript, "The World's Tropical Rainforests: Past Changes, Present Status, Future Prognosis"

Ian C. R. Holford (Australia) Principal Research Scientist, Agricultural Research Centre, New South Wales, Australia. Two journal articles: "A Comparison of Chickpeas with Pasture Legumes for Sustaining Yields and Nitrogen Status of Subsequent Wheat" and "Comparative Effects of Clover, Medick, Lucerne, and Chickpeas in Wheat Rotations, on Nitrogen, Organic Carbon, and Moisture in Two Contrasting Soils"

Mauro de Mello Leonel, Jr. (Brazil) Instituto de Antropologia e Meio Ambiente, São Paulo, Brazil. A manuscript, "Common Resources: The Social Use of Amazonian Rivers—Conflicts of the Economic Frontier, of Fisheries of Gold Rush, and Sustainable Development," to be published by the Universidade de São Paulo

Richard C. Lewontin (U.S.A.) Professor of Zoology and Biology, Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts. A research project, "The Determinants of Agricultural Research Priorities"

Li Shi-ye (P.R.C.) Professor, Zhejiang Academy of Agricultural Sciences, Hangzhou, People's Republic of China. Two papers: "Mechanism of Sustainable Stability on Crop Yield, Soil Fertility, and Fertilizer Efficiency in a Long Term Triple Cereal Cropping of Paddy Fields in China" and "K Efficiency in a Long-Term Triple Cereal Cropping"

Minos E. Tzanakakis (Greece) Professor, Laboratory of Applied Zoology and Parasitology, Department of Agriculture, University of Thessaloniki, Greece. A critical review "Seasonal Development of Olive Pests, with emphasis on the occurrence of diapause and quiescence"

John E. Vercoe (Australia) Director, Division of Tropical Beef Centre, CSIRO, Queensland, Australia. A treatise on international collaboration in agricultural research

ARTS

COMPOSERS

T J Anderson (U S A)
Austin Fletcher Professor of Music Emeritus, Tufts University, now of Chapel Hill, North Carolina
Two musical compositions Seven Cabaret Songs based on a text by Harryette Mullen for Nnenna Freelon and the Mallarmé Chamber Players, and a string quartet, Grace, for the Bill T Jones/Arnie Zane Dance Company

Margaret Brouwer (U S A)
Composer, New York City A new brass quintet, to be performed by the New Mexico Brass Quintet

Wendell Logan (U S A)
Professor of Music, Oberlin Conservatory, Ohio A musical composition for large orchestra, Ibo Landing

Alfonso Montecino (Chile)
Professor Emeritus of Music, Indiana University, Bloomington A new piano concerto, to be performed by the National Symphony Orchestra of Chile, Santiago Also, with resident Antonio Lopez-Ortega, an opera

Paul Moravec (U S A)
Associate Professor of Music, Dartmouth College, Hanover, New Hampshire A musical composition, Violin Concerto, and a piece for trumpet and piano, Epithalamion

Neil B Rolnick (U S A)
Chairman, Department of the Arts, and Director, iEAR Studios Rensselaer Polytechnic Institute, Troy, New York A large-scale multimedia performance piece, Home Game, to be performed at The Kitchen, New York City

Lloyd Ultan (U S A)
Professor Emeritus of Composition and Electronic/Computer Music, University of Minnesota, Minneapolis A musical composition, Voices of the River, for soprano and six instruments using excerpts from Hermann Hesse's Siddhartha, to be performed by the Chamber Music Society of Minnesota Also a trio for oboe, clarinet, and piano, for the International Double Reed Conference

VISUAL ARTISTS

Maria Adair M Brocchini (Brazil)
Associate Professor of Art, Universidade Federal de Bahia, Salvador, Brazil A multimedia exhibition comprising 50 canvases, a video show, and an original musical composition, Across Urban Spaces

Cynthia Carlson (U S A)
Professor of Art, Queens College, City University of New York Artwork based on historical pieces

Harmony Hammond (U S A)
Professor of Art, University of Arizona, Tucson A book, The Art of Lesbian Subjectivity in Contemporary Visual Art, and drawings for her series Merging Bodies

Glenn Ligon (U S A)
Artist, Brooklyn New York Artwork, including work for the exhibition at the Whitney Museum on the black male

Anne Mane Rousseau (U S A)
Artist, New York, New York A series of 15 painted photographs, Where Dreams Cross, exhibited at the Hal Katzen Gallery, New York City

Betye Saar (U S A)
Artist, Los Angeles, California Artwork, The Creative Spiral Impressions & Imprints

WRITERS

Homero Ardis (Mexico)
President, Grupo de los Cuern, Mexico City, Mexico A new novel and a book of poetry

Wendy Barker (U S A)
Professor of English, University of Texas, San Antonio New poems, to be included in a fourth collection, Generation

Bo Carpelan (Finland)
Professor of Arts, University of Helsinki, Finland A new novel and a volume of prose poems, the latter to be published by Bonniers

Leslie Epstein (U S A)
Director, Graduate Creative Writing Program, Boston University, Massachusetts A novel about a European refugee in Hollywood in the 1940s, to be published by Houghton Mifflin

Stephen R Gray (South Africa)
Professor of English, Rand University, Johannesburg, South Africa New poems

Alamgir Hashmi (Pakistan)
Professor of English and Comparative Literature and Editor, PIDE, Quaid-i-Azam University, Islamabad, Pakistan A long poem, Voyage East

Philip Levine (U S A)
Professor Emeritus of English, California State University, Fresno A book, So Ask, part of the Poets on Poetry series, to be published by the University of Michigan Press Also new poems for his next collection, Winter Words, to be published by Alfred Knopf

Antonio Lopez-Ortega (Venezuela)
Essayist, Publisher, TV Producer, and General Director, Bigott Foundation, Caracas, Venezuela A novel, Ajena, a book of short stories, Lunar, and a book of essays, El Camino de la Alteridad, the latter to be published by Fundarte Also, with resident Alfonso Montecino, an opera

Betty Mindlin (Brazil)
Coordinator, Instituto de Antropologia e Meio Ambiente, São Paulo, Brazil Unwritten Stories of the Surui Indians of Rondônia, to be published by the University of Texas Press, and a new collection of Indian stories centered on love

Valerie Miner (U S A)
Associate Professor of English, University of Minnesota, Minneapolis A novel, Range of Light

Felix Mnthali (Malawi)
Professor of English, University of Botswana, Gaborone A new play and a novel

Carlos Montemayor (Mexico)
Writer, Mexico City, Mexico A political novel set in contemporary Mexico, tentatively titled Los Informes Secretos

Makoto Oda (Japan)
Visiting Professor, Department of Comparative Studies, State University of New York, Stony Brook A novel, Kawa (The River)

Suzan-Lori Parks (U S A)
Playwright, New York, New York A new play, Venus, to be performed at the Yale Repertory Theatre and the Public Theatre

Caryl Phillips (England)
Writer, London, England A new novel

Klaus Rifbjerg (Denmark)
Garrucha, Spain A new novel

Linda Ty-Casper (Philippines)
Saxonville, Massachusetts A novel, The Stranded Whale, to be published by New Day Publishers

Shawn Wong (U S A)
Associate Professor and Director, Asian American Studies Program, University of Washington, Seattle A new novel, American Knees, to be published by Simon and Schuster

AUTOBIOGRAPHY AND MEMOIRS

Ashokamitran (India)
Madras, India His autobiography

Lore Dickstein (U S A)
Writer, New York, New York A memoir of her family's experiences during the Hitler era

CULTURAL STUDIES

Donald E Adams (U S A)
and **Arlene Goldbard (U S A)**
Partners, Adams & Goldbard, Ukiah, California A volume of theoretical and practical information for those who wish to undertake cultural development projects in their communities, The People's Portrait Book

K E Agovi (Ghana)
Associate Professor and Head, Department of Language and Literature, Institute of African Studies, University of Ghana, Legon, Accra A manuscript, "Talking to Each Other Gender Politics in Nzema (Ghanaian) Performance Songs"

Constance H Buchanan (U S A)
Associate Dean and Director of Women's Studies, Divinity School, Harvard University, Cambridge, Massachusetts A manuscript "Choosing to Lead Women Shaping American Values," to be published by Beacon Press in 1995

Morris Dickstein (U S A)
Professor of English, Queens College and the Graduate Center, CUNY, New York, New York "The Dream of Elegance," a chapter on the seemingly frivolous side of the culture of the 1930s, for his book Beyond the American Dream Cultural Themes of the 1930s

Robert M Fisher (U S A)
Director, San Francisco Foundation, California Four papers on various aspects of community foundations

Hermann Gilhorne (South Africa)
Professor of Political Science, University of Cape Town, South Africa
A book on the history and politics of the Afrikaners and the prospects for democratic consolidation in South Africa, to be published by the University of Virginia Press

The Honorable Sir James Gobbo (Australia)
Judge's Chambers, Supreme Court, Melbourne, Australia
A review of the development of multiculturalism in Australia, from the commencement of post-war migration to Australia in 1946

Sarah Joseph (India)
Reader in Political Science, Lady Sri Ram College, New Delhi, India
A study on the concept of culture in contemporary social science and political discourse

Farhad Kazemi (U S A)
Professor of Politics, New York University, New York, and
Augustus Richard Norton (U S A)
Professor of International Relations, Boston University, Massachusetts
A book on diplomacy and civil society in the Middle East and a paper, 'Civil Society Interrupts Strategies of Political Inclusion and of Exclusion in the Middle East'

Antonin J. Liehm (U S A)
Professor Emeritus, University of Paris and l'Ecole des Hautes Etudes, and Editor, *Lettre Internationale*, Paris, France
A manuscript, "Germany in the European Dialogue of Cultures"

Bonnie Marranca (U S A.)
Publisher and Editor, PAJ Publications/Performing Arts Journal, New York, New York
A study, "The Century Turning"

Celeste Olalquiaga (Venezuela)
Writer, New York, New York
"The Artificial Kingdom," a study of kitsch, to be published by Pantheon

Michael Paul Rogin (U S A)
Professor of Political Science, University of California, Berkeley
A manuscript, "Racial Masquerade and Ethnic Assimilation: Blackface and the Hollywood Melting Pot"

Mieke Schipper (Netherlands)
Professor of Intercultural Studies and Comparative Literature, Leiden University, Netherlands
A manuscript, "Tree Trunks and Crocodiles. Perspectives on Race, Culture, and the Humanities," to be published in Dutch by AMBO

ECONOMICS

John Christopher R. Dow (England)
Visiting Fellow, National Institute of Economic and Social Research, London, England
A book comparing and contrasting the five major recessions in the British economy since 1920

David Gale (U S A)
Professor of Mathematics, University of California, Berkeley
A study, "On the Relationship between Debt and Growth: Some Issues in the Foundations of Economic Dynamics"

Björk Ljunggren (Sweden)
Deputy Director, Swedish International Development Authority, Stockholm, and Ambassador Designate of Sweden to Vietnam
A manuscript, "Beyond Reform: On the Dynamics Between Economic and Political Change in Vietnam" Also, with resident Lincoln Chen, drafted a paper on the health transition in Vietnam

Irene Tinker (U S A)
Professor, Departments of City and Regional Planning and of Women's Studies, University of California, Berkeley
A manuscript, "Street Foods: Urban Food and Employment in Developing Countries," to be published by Oxford University Press

EDUCATION

Arthur N. Applebee (U S A)
Professor of Education, State University of New York, Albany
A manuscript, "Transforming Traditions: Reclaiming the Place of Literature in the School Curriculum"

Nathan Glazer (U S A)
Professor Emeritus of Education and Sociology, Harvard Graduate School of Education, Cambridge, Massachusetts
A manuscript, "Multiculturalism and a New America"

Judith A. Langer (U S A)
Professor of Education, State University of New York, Albany
A manuscript, "Envisioning Literature: Literary Understanding and Literature Instruction," to be published by Teachers College Press

Lucia Mason (Italy)
Researcher, Department of the Science of Education, Università degli Studi di Padova, Italy
A study, "Promoting Cognitive and Metacognitive Abilities for Conceptual Change by Cooperative Learning Studies in Environmental Education," to be published by the Cooperativa Libreria Editrice Università di Padova

Rudolph H. Weingartner (U S A)
Professor of Philosophy, University of Pittsburgh, Pennsylvania
A manuscript, "A Primer on the Organization of Academic Institutions"

HISTORY

Ana Mae Tavares Bastos Barbosa (Brazil)
Professor of Art and Director, Museum of Contemporary Art, Cidade Universitária, São Paulo, Brazil
A history of art education in Brazil

Peter J. Bowler (England/Canada)
Professor of History and Philosophy of Science, Queen's University, Belfast, Northern Ireland
A manuscript, "Life's Splendid Drama: Evolutionary Biology and the Reconstruction of Life's Ancestry, 1860-1940," to be published by the University of Chicago Press

Wayne Brown (Trinidad and Tobago)
Santa Margarita, Trinidad
A chapter on the precise nature and extent of Columbus's self-education during his years in Portugal, for a historical biography of Columbus

Sir Henry Chadwick (England)
Professor Emeritus of Divinity and Former Master of Peterhouse, Cambridge University, England
A manuscript, "A History of the Ancient Church: The Christianization of the Roman Empire," to be published by Oxford University Press

Suzanne Dixon (Australia)
Reader and Head, Department of Classics and Ancient History, University of Queensland, Brisbane, Australia
A study, "Reading Roman Women"

Linda Dowling (U S A)
Princeton, New Jersey
A study, "Hellenism and Homosexuality in Victorian Oxford"

J. Ronald Green (U S A)
Associate Professor of the History of Art, Ohio State University, Columbus
A book defining a polarity in American cinema

Robert A. Gross (U S A)
Forrest D. Murden, Jr., Professor of American Studies, College of William and Mary, Williamsburg, Virginia
"A Disorderly Tradition" for his study, "The Transcendentalists and Their World," to be published by Hill & Wang

Alex Jones (U S A) and Susan E. Tift (U S A)
Journalists, New York, New York
A biography of the Ochs and Sulzberger families, owners and managers of The New York Times for 100 years, to be published by Little, Brown and Company

Elfriede R. Knauff (U S A)
Consulting Scholar, Mediterranean Section, University Museum, University of Pennsylvania, Philadelphia
A monograph on the work of the so-called Triptolemos Painter, a Greek vase painter active in Athens during the first part of the fifth century B.C.

Marvin Lunenfeld (U S A)
Distinguished Teaching Professor, Department of History, Fredonia College, State University of New York
A manuscript, "Power Made Visible: The Autos-da-Fé of the Spanish Royal Inquisition"

Luo Xianhua (P R C)
Chairman, College of Foreign Language, and Wei Suxian (P R C)
Associate Professor of English and Senior Editor, both of Sichuan University, Chengdu, People's Republic of China
A manuscript, "A Brief History of American Prose: From the Beginning to the 1980s," to be published by Sichuan University Press

Mary Drake McFeely (U S A)
Writer, Athens, Georgia
A manuscript, "Cooking Lessons," a history of housework

Wendy Mitchinson (Canada)
Professor of History, University of Waterloo, Ontario
A study, "Medical Treatment of Women in Canada, 1900-1950"

Aharon Oppenheimer (Israel)
Professor of Jewish History, Tel Aviv University, Israel
A history (with Benjamin Isaac) of the Jewish people from Bar Kokhba to the Muslim conquest, to be published by Oxford University Press

Gerald N. Sandy (Canada)
Professor of Classics, University of British Columbia, Vancouver
A manuscript, "The Greek World of Apuleius"

Peter Selz (U.S.A.)
Professor Emeritus of Art History, University of California, Berkeley
An essay on the American painter Richard Lindner, to be published by Prestel Verlag in Munich and New York as the chief essay for the catalogue of the Lindner retrospective at the Hirshhorn Museum and Sculpture Center in Washington, D.C.

Jean Edward Smith (Canada/U.S.A.)
Professor of Political Science, University of Toronto, Ontario
A biography of John Marshall, Chief Justice of the United States (1801-35), to be published by Henry Holt

James Tatum (U.S.A.)
Aaron Lawrence Professor of Classics, Dartmouth College, Hanover, New Hampshire
A study, "The Iliad and the Imagination of War"

Franklin K. Toket (U.S.A.)
Professor of the History of Art and Architecture, University of Pittsburgh, Pennsylvania
The second and third volumes of a book, Excavations below S. Maria del Fiore: Mapping the Birthplace of Medieval Florence

INTERNATIONAL SECURITY

Edgardo Boeninger (Chile)
Former Ministro Secretario General de la Presidencia, Santiago, Chile.
A study, "Democracy and Development in Chile: From Failure to Success (Lessons for Governability in Developing Countries)"

Robert F. Mozley (U.S.A.)
Professor Emeritus, Linear Acceleration Center, Stanford University, California
A manuscript, "The Consequences and Possible Prevention of Nuclear Weapons Proliferation, part of which will be published as a working paper of the Center for International Security and Arms Control at Stanford"

David D. Newsom (U.S.A.)
Former United States Undersecretary of State for Political Affairs and former Ambassador to Libya, currently Professor of International Relations, University of Virginia, Charlottesville
A manuscript, "The New Diplomacy: Intervention Reconsidered"

Ambassador Olga Pellicer (Mexico)
Mexican Ambassador to the United Nations and Research Professor, Department of International Studies, Mexican Autonomous Technological Institute, Mexico City
An essay, "Success and Failures of Recent U.N. Activities in the Field of Peace and Security," to be published in a special issue of the International Social Sciences Journal

Ingo Richter (Germany)
Director, Deutsches Jugendinstitut, Munich, Germany
A book on European unification and two journal articles papers, "The Social State and the Schools" and "Political and Social Analysis as the Foundation for Educational and Legal Action"

Naomi Shepherd (Israel)
Writer, Jerusalem, Israel
A manuscript, "Sanctuary: The Limits of Compassion"

László Valkó (Hungary)
Professor of International Law, Eotvos University, Budapest, Hungary
A manuscript, "A Future Security Architecture for Europe," and a chapter for Hungary in the 1990s (edited by Iván Volgyes) to be published in English by Atlantic Publisher and in Hungarian by Századvég

LANGUAGE AND LITERATURE

Mieke Bal (Netherlands)
Director, Amsterdam School of Cultural Analysis Theory and Interpretation, and Professor of the Theory of Literature, University of Amsterdam, Netherlands
Two manuscripts, "Platitude: Proust et l'image visuelle" and "Double Exposures: The Subject of Cultural Studies." Also an article, "The Gaze in the Closet," for *Vision* (edited by Teresa Brennan and Martin Jay), to be published by Routledge

Ann Banfield (U.S.A.)
Professor of English, University of California, Berkeley
A chapter for a manuscript, "The Language of the Novel and the Problem of Knowledge"

Christine L. Borgman (U.S.A.)
Professor, Graduate School of Library and Information Science, University of California, Los Angeles
Part of a book, Computing, Communications, and Libraries in Central and Eastern Europe: Creating the Global Information Infrastructure

Leonard Casper (U.S.A.)
Professor of English, Boston College, Massachusetts
A monograph on the principle of concealed protest in the literature of Ferdinand Marcos's 20-year rule

Mary Ann Caws (U.S.A.)
Distinguished Professor of English, French, and Comparative Literature, Graduate School, City University of New York
A manuscript, "Roger Fry, Bloomsbury and the Art of France," and a short fictional memoir of the South, "Southern Vines"

Bodil Due (Denmark)
Assistant Professor of Classical Philology, University of Aarhus, Denmark
A critical examination of Greek rhetoric and a survey of the Greek orators, to be published by the Danish Joint Association of Classical Teachers

Otto Steen Due (Denmark)
Director, Academy of Denmark, Rome, Italy, and Professor of Classical Philology, University of Aarhus, Denmark
Vergil's Aeneid in Danish verse translation

Julia Haag Gaiser (U.S.A.)
Professor of Latin, Bryn Mawr College, Pennsylvania
A translation of Perio Valeriano's dialogue *De litteratorum infelicitate* (On the Ill Fortune of Learned Men), and the introductory essay, to be published by the University of Michigan Press

Karin Graf (Germany)
Translator and Writer, and Joachim Sartorius (Germany)
Director, Berlin Artists-in-Residence Program, both from Berlin, Germany
A German translation of William Carlos Williams's long poem, *Paterson* and an introductory essay

Trudier Harris (U.S.A.)
Augustus Baldwin Longstreet Professor of American Literature, Emory University, Atlanta, Georgia
A manuscript, "In the African Southern Vein: Narrative Strategies in the Works by Zora Neale Hurston, Gloria Naylor, and Randall Kenan," to be published by the University of Georgia Press

Carl F. Hovde (U.S.A.)
Professor of English and Comparative Literature, Columbia University, New York
A monograph, "The Exultant Style in American Literature"

Merlun Peris (Sri Lanka)
Professor of Western Classics and Head, Department of Classical Languages, University of Peradeniya, Sri Lanka
A study, "Greek Story Motifs in the Jatakas"

Enrique Pupo-Walker (U.S.A.)
Centennial Professor of Spanish and Director, Center for Latin American and Iberian Studies, Vanderbilt University, Nashville, Tennessee
A study, "Versions of the Past: Historical Writing in Spanish America (during the 16th and 17th Centuries)"

Aliza Shenhar-Alroy (Israel)
Rector, University of Haifa, Israel
A manuscript, "Storyteller and Storytelling," and a paper, "The Dynamism of Jewish Folklore in Israel"

Amritjit Singh (India)
Professor of English and Afro-American Studies, Rhode Island College, Providence
A study, "Richard Wright and Global Politics: An Intellectual Biography of the Final Phase"

The Reverend Dr. Colin Thompson (England)
Lecturer in Spanish, Oxford University, and Fellow and Tutor in Spanish, St. Catherine's College, Oxford, England
A book on the Spanish poet and mystic San Juan de la Cruz (1542-91)

Cheryl Walker (U.S.A.)
Richard Armour Professor of English, Scripps College, Claremont, California
A multivolume manuscript, *Indian Nation: Native American Literature and Nineteenth-Century Nationalisms*

LAW AND POLITICAL SCIENCE

S. James Anaya (U.S.A.)
Professor of Law, University of Iowa, Iowa City
A manuscript, "Indigenous Peoples in International Law," and a paper, "Indigenous Peoples and Sustainable Development"

Paul D. Carrington (U.S.A.)
Chadwick Professor of Law, Duke University, Durham, North Carolina
A manuscript, "The Romance of American Law"

Donal Brian Cruise O'Brien (Ireland)
Professor of Politics of Africa, School of Oriental and African Studies, University of London, England A manuscript, "Senegalese Democracy in Comparative Perspective "

Winfried Fluck (Germany)
Professor and Chair of North American Culture, John F. Kennedy Institute, Free University Berlin, Germany A study, "Declarations of Dependence Revising Our View of American Realism "

Katalin Gonczol (Hungary)
Professor of Criminology, Eotvos University, Budapest, Hungary An article about deviance under institutionalized control, part of a larger study financed by the government on crime prevention strategies after the political changes in Hungary

Robert A. Gorman (U.S.A.)
Kenneth W. Gemmill Professor of Law, University of Pennsylvania, Philadelphia Revisions for the second edition of his book, Labor Law Unionization and Collective Bargaining, to be published by West Publishing Company

Robert R. Kaufman (U.S.A.)
Professor of Political Science, Rutgers University, New Brunswick, New Jersey A manuscript, "The Political Economy of Democratic Transitions," to be published by Princeton University Press

Okello Oculi (Uganda)
Principal Research Fellow, Centre for Social and Economic Research, Ahmadu Bello University, Zaria, Nigeria A study, "The Problem of Political Leadership in African Political Thought "

Frances Olsen (U.S.A.)
Professor of Law, University of California, Los Angeles A study, "The Sex of Law, the Character of Justice "

Irene Rizzini (Brazil)
Director, Center for Research on Childhood, Universidade de Santa Ursula, Rio de Janeiro, Brazil A study, "Brazil 100 Years of Evolution for a New Legislation toward Childhood "

Peter L. Strauss (U.S.A.)
Betts Professor of Law, Columbia University, New York, New York A monograph, "On Resegregating Statutes and the Common Law," to be published in the 1994 Supreme Court Review by the University of Chicago Press

Peter R. Woodward (England)
Senior Lecturer in Politics, University of Reading, England A study, "Horn of Africa Politics and International Relations," to be published by British Academic Press

MEDICAL AND POPULATION SCIENCES

Lincoln C. Chen, M.D. (U.S.A.)
Director, Harvard Center for Population and Development Studies, Cambridge, Massachusetts Papers "Complex Humanitarian Emergencies Dilemmas and Challenges for International Health," "Population and Security New Approaches to National Security," and "Human Security," all concerned with understanding better the health crises associated with contemporary conflicts in countries like Rwanda, Somalia, Bosnia, and Haiti Also, with resident Borge Ljunggren, a paper on the health transition in Vietnam

Janet H. Carr (Australia) and Roberta Shepherd (Australia)
Associate Professors of Physiotherapy, University of Sydney, Lidcombe, New South Wales, Australia The second edition of their textbook, Physiotherapy in Disorders of the Brain, to be published by Butterworth Heinemann, London, and a new manuscript, "An Anthology of Research in Human Movement Implications for the Science of Rehabilitation "

Klaus Dietz (Germany)
Professor of Medical Biometry, Eberhard Karls University, Tubingen, Germany, and Hans Heesterbeek (Netherlands)
Agricultural Research Department, Ministry of Agriculture, Wageningen, Netherlands A study, "Modeling Disease Transmission Milestones in the History of Epidemic Theory "

Herbert Hendin, M.D. (U.S.A.)
Professor of Psychiatry, New York Medical College, and Executive Director, American Suicide Foundation, New York A book on euthanasia and assisted suicide in the United States and the Netherlands

Ellen Jane Hollingsworth (U.S.A.)
Research Director, Mental Health Research Center, University of Wisconsin, Madison A manuscript, "Care of the Seriously Mentally Ill "

Stanton Segal, M.D. (U.S.A.)
Professor of Pediatrics and Internal Medicine, University of Pennsylvania, and Director, Children's Hospital of Philadelphia A book on the inherited metabolic disorder galactosemia

Shekhar Mukherji (India)
Professor and Head, Department of Migration and Urban Studies, International Institute for Population Sciences, Bombay, India A study, "Interrelationships between Migration, Urbanization, and Development in Developing Countries "

Serafin D. Talisayon (Philippines)
Assistant Director-General, National Security Council, Quezon City, Philippines A paper, "Philippine Futures Food and Population to Year 2095 "

Elliot S. Valenstein (U.S.A.)
Professor, Neuroscience Laboratory, University of Michigan, Ann Arbor A book describing how the conception of mental illness has been changed to the conviction that disorders are caused by biochemical imbalances in the brain believed to be correctable by drugs

PHILOSOPHY AND ETHICS SCIENCES

Stanley Cohen (Israel)
Professor of Criminology, Hebrew University, Jerusalem, Israel A policy-directed study about how human rights organizations succeed in communicating their message to the public, to be included in his larger project Denial Knowing about Atrocities and Suffering

Helen E. Longino (U.S.A.)
Winton Professor of Philosophy and Women's Studies, University of Minnesota, Minneapolis A study, "The Fate of Knowledge "

Kerry Petersen (Australia)
Senior Lecturer, School of Law and Legal Studies, La Trobe University, Bundoora, Australia A manuscript, "Mortal Puzzles Life and Death Choices "

PSYCHOLOGY

Gavin Andrews, M.D. (New Zealand)
Professor of Psychiatry, Clinical Research Unit for Anxiety Disorders, University of New South Wales, Australia A comic self-help book/novella on the management of panic disorder/agoraphobia for people who do not usually read books

William J. Doherty (U.S.A.)
Professor, Family Social Science Department, University of Minnesota, St. Paul A manuscript, "Psychotherapy and Moral Responsibility," to be published by Basic Books

Gail A. Hornstein (U.S.A.)
Professor of Psychology, Mount Holyoke College, South Hadley, Massachusetts A study, "Frieda Fromm-Reichmann and the Psychotherapy of Psychosis, 1880-1960 "

Malavika Kapur (India)
Additional Professor of Clinical Psychology, National Institute of Mental Health and Neuroscience, Bangalore, India A study on school mental health programs in India

PHILOSOPHY AND ETHICS SCIENCES

Thomas K. Gaisser (U.S.A.)
Professor of Physics, Bartol Research Institute, University of Delaware, Newark A manuscript, "The Highest Energy Cosmic Radiation," to be published by Cambridge University Press

Sy D. Friedman (U.S.A.)
Professor of Mathematics, Massachusetts Institute of Technology, Cambridge A book on mathematical logic, Fine Structure and Class Forcing, to be published by Springer-Verlag

Jacek Krelowski (Poland)
Professor of Astronomy, Nicolaus Copernicus University, Torun, Poland A study, "A Survey of Weak Diffuse Interstellar Bands between 5600 and 7000 Å," published as a special issue of Planetary and Space Science

Nozer D. Singpurwalla (U.S.A.)
Professor of Operations Research and of Statistics, George Washington University, Washington, D.C. A monograph, "Reliability and the Analysis of Risk "

Kensal Edward van Holde (U S A)
Distinguished Professor Emeritus of Biophysics, Oregon State University, Corvallis A monograph, "A New Analysis of the Origin of Life Problem"

Vivien M Tahsayon (Philippines)
Deputy Director, Philippine Science High School, Diliman, Quezon City, Philippines A resource book for teachers on community-based physics

Nathan Edward Tolbert (U S A)
Professor Emeritus of Biochemistry, Michigan State University, East Lansing A study, "Regulation of Atmospheric Carbon Dioxide and Oxygen by Photosynthetic Carbon Metabolism"

SOCIOLOGY AND ANTHROPOLOGY

Martha Chen (U S A)
Chair, Population Advisory Committee, John D and Catherine T MacArthur Foundation, also Research Associate and Lecturer, Institute for International Development, Harvard University, Cambridge, Massachusetts A manuscript, "The Lives of Widows in India"

Rita Cruise O'Brien (England)
Research Fellow, London Business School, England A manuscript, "Trust at Work Involving People in Performance Improvement," to be published by Random House

Indira Dharmapatni (Indonesia)
Research Associate, Center for Urban and Regional Studies, and Tommy Firman (Indonesia), Lecturer and Vice-Dean for Academic Affairs, Department of Regional and City Planning, both of the Institute of Technology Bandung, Indonesia Two articles in English—"The Emergence of Mega-Urban Regions in Indonesia The Case of Jabotabek and Bandung Metropolitan Area" and "Urban Development in Bandung Metropolitan Region A Transformation to Desa-Kota Region"—and one in Indonesian connected with their research project, Mega Urban Regions in Indonesia

William S McFeely (U S A)
Richard B Russell Professor of American History, University of Georgia, Athens A study of a community on a remote Georgia island

Gananath Obeyesekere (U S A)
Professor of Anthropology, Princeton University, New Jersey A study, "Indic Rebirth Structure and Experimentation in Anthropology and Indology"

Christiane M L Papon (France)
Former M P, France and the EEC, Neuilly, France A study, "Women in Political Life in France and in the European Economic Community"

BELLAGIO TEAM RESIDENCIES 1994

Planning Meeting of Women Living under Muslim Laws—*Marlene Helie-Lucas, Grabels, France (March 28–April 4)*

A New Performance/Multimedia Installation, Happy Days—*Ron Vawter, Actor, Greg Mehrten, President, Pomodori Foundation, Susan Sontag, Director, and Marianne Weems, Assistant Director, all of New York City (scheduled April 6–30 but cut short by the death of Mr Vawter)*

Future Research Directions on Human Suffering—*Veena Das, Professor and Chair, Department of Sociology, University of New Delhi, Arthur Klemman, Professor of Medical Anthropology, Harvard University, and Margaret Lock, Professor of Anthropology, McGill University, Montreal, Canada (July 9–11)*

Intercultural Music—*Akin Euba, Department of Music, University of Pittsburgh, Pennsylvania (July 18–30)*

Latino Academic Advancement in the 1990s—*Frank Bonilla, Director, and Maria Chacón, Associate Director, both of the Inter-University Program for Latino Research, Hunter College, City University of New York (August 22–30)*

Bellagio Innovation Fund
{1993–\$190,000}

American Historical Association
Washington, D C
\$2,800
Toward the costs of activities to enhance a Bellagio conference, "Access to Archives," held from February 28 to March 4, 1994

Boston University
Massachusetts
\$23,284
Toward the costs of a documentary film entitled Is Middle East Society Civil?

British American Arts Association (U S), Inc
New York, New York
\$16,016
Toward the costs of activities to enhance a Bellagio conference, "The Teaching of Values through Education, the Media, and the Arts," to be held from April 3 to 7, 1995

Dartmouth College
Hanover, New Hampshire
\$3,950
Toward the costs of activities to enhance a Bellagio conference, "Music Technology and Post Modernism in Russia, Europe, and the Americas," held from January 31 to February 4, 1994

Hunter College, City University of New York
New York
\$25,000
Toward the costs of activities to enhance a Bellagio conference, "The Global Society and the Latino Community," held from December 12 to 16, 1994

F James Levinson
Cambridge, Massachusetts
\$11,800
Toward the costs of activities to enhance a Bellagio conference, "Addressing the 'How' Questions in Nutrition," held from October 31 to November 4, 1994

Rene Dubos Center for Human Environments, Inc
New York, New York
\$20,250
Toward the costs of activities to enhance a Bellagio conference, "Technological Prospects for Sustainable Agriculture," held from October 17 to 21, 1994

Social Science Research Council
New York, New York
\$8,500
Toward the costs of activities to enhance a Bellagio conference, "Social Suffering Experience, Representation, Policy," held from July 4 to 10, 1994

University of Guadalajara
Mexico
\$2,400
For use by the Guadalajara International Book Fair toward the costs of a Bellagio conference on international book fairs (joint grant with Arts and Humanities for a total of \$30,830)

University of Nebraska
Lincoln
\$6,500
Toward the costs of activities to enhance a Bellagio conference, "Application of Genetics and Biotechnology to the Characterization of Fungal Pathogens of Sorghum and Millet," held from November 15 to 19, 1993

University of Texas Medical Branch at Galveston
\$13,900
Toward the costs of activities to enhance a Bellagio conference, "Permanently Unconscious Patients The Need for Responsible Medical, Legal, and Public Policies," held from August 8 to 12, 1994

Special International Initiatives and Special Interests Grants

Two relatively small grant programs support work in Special International Initiatives International Security and International Philanthropy The Special Interests Grants support projects outside the Foundation's principal programs and the Foundation's Archives

International Security

The International Security program is focused exclusively on the nonproliferation of nuclear, chemical, and biological weapons of mass destruction, with an eye toward long-term abolition It attempts to support projects that either originate in the developing countries of Asia and the Middle East or focus directly on these regions

Brown University
Providence, Rhode Island
\$35,200
Toward support for a research project to be conducted by the University's Center for Foreign Policy Development, entitled "Lessons of the Cuban Missile Crisis for New Nuclear States"

Carnegie Mellon University
Pittsburgh, Pennsylvania
\$100,000
Toward support for a project that would explore the consequences of technology transfers and dual use technologies in India

Educational Foundation for Nuclear Science
Chicago, Illinois
\$25,000
Toward support for the Foundation's Internet project

Emory University
Atlanta, Georgia
\$88,800
For use by the Carter Center to cover expenses related to President Jimmy Carter's mission to the Korean peninsula and the Center's work on confidence building and easing nuclear proliferation tensions on the peninsula

Federation of American Scientists Fund
Washington, D C
\$100,000
Toward support for the fund's project "Verification of the Biological Weapons Convention," to be directed by Dr Barbara Hatch Rosenberg

Hellenic Foundation for Defense and Foreign Policy
Athens, Greece
\$31,300
Toward support for Middle Eastern and North African participation in the Foundation's 1994 Halki International Seminar

Henry L. Stimson Center
Washington, D C
\$100,000
Toward support for its South Asian Visiting Fellows program

Herbert Scoville Jr., Peace Fellowship
Washington, D C
\$15,000
Toward support for its 1995 Fellowship program

Human Rights Watch
New York, New York
[1994-\$500,000 in addition to remaining funds from prior year appropriations]
Toward continued support for the establishment and operation of The Arms Project

International Physicians for the Prevention of Nuclear War
Cambridge, Massachusetts
\$15,000
Toward support for the participation of North and South Korean, Russian, and Japanese medical personnel in IPPNW's Fourth Asia Pacific Regional Conference held in Kuala Lumpur, August 4-7, 1994

Monterey Institute of International Studies
California
\$25,000
Toward support for a project, conducted by its Program for Non-proliferation Studies, on Russia and the North Korean nuclear program

Nautilus of America
Berkeley, California
\$200,000
Toward support for its Northeast Asia Peace and Security Network

Parliamentarians for Global Action
New York, New York
\$9,870
Toward support for a special project in support of the Organization for the Prohibition of Chemical Weapons (OPCW)

\$3,830
Toward support for the participation of Dr Jean Krasno in meetings on nonproliferation held in Argentina and Brazil during the month of April 1994

Seton Hall University
West Orange, New Jersey
\$100,000
Toward support for its Asia Center's "Seton Hall Project on Korea"

Stanford University
California
\$36,000
Toward support for the 1995 Carmel Roundtable of Asia-Pacific Leaders

Trustees of Columbia University in the City of New York
New York
\$50,000
Toward support for the University's School of International and Public Affairs' Gulf/2000 Project, under the direction of Dr Gary Sick

United Nations Association of the United States of America, Inc
New York, New York
\$16,300
Toward support for the Association's UN Security Council Summit Project

University of Illinois Urbana
\$33,200
Toward travel support for participants in a meeting, "Preventing Nuclear War in South Asia," held by the University's Program in Arms Control, Disarmament and International Security at the Bellagio Study and Conference Center, September 18-23, 1994

Wisconsin Project on Nuclear Arms Control
Washington, D C
\$100,000
Toward support for its project entitled "Stopping Weapons of Mass Destruction at the Source"

Foundation-Administered Projects
\$20,000
For support of Foundation-initiated activities surrounding the International Security program's work in regional security, confidence building, and nonproliferation in the People's Republic of China

\$83,500
For support of Foundation-initiated activities promoting nuclear non-proliferation in, and the creation of an incentive package for, the Democratic People's Republic of Korea

\$52,000
For support of Foundation-initiated activities surrounding the International Security program's work in security and nuclear non-proliferation in South Asia

International Philanthropy

The International Philanthropy division supports new forms of philanthropy in the developing world, particularly the emergence of foundation-like organizations.

Asia Foundation
San Francisco, California
\$75,000
Toward the costs of the development of the Asia-Pacific Philanthropy Consortium, which aims to encourage philanthropic activity in the Asia-Pacific region.

Graduate School and University Center of the City University of New York
New York
\$50,000
Toward the costs of bringing scholars from the developing world for its Center for the Study of Philanthropy's 1995-1996 International Fellows Program.

Understanding Development

Yale University
New Haven, Connecticut
[1994-\$825,000 in addition to remaining funds from prior year appropriations]
To build the analytic capacity for evaluating how public policy and technological change in low-income countries contribute to differences in production and consumption between men and women.

Puerto Rico Community Foundation
Hato Rey, Puerto Rico
\$100,000
For planning and administration of its Institute for the Development of Philanthropy.

Research and Development Forum for Science-Led Development in Africa
Nairobi, Kenya
\$85,000
Toward the costs of the establishment of the African Foundation for Research and Development (AFRAND).

Beyond Child Survival Program [1988-\$485,00]
To help developing countries generate and use information on program management and mothers' behavior to improve nutritional status for high-risk preschool children, thereby ensuring that technical knowledge about nutritional deficiencies can be translated into action.

Special Interests and the Archives

The Foundation supports exceptionally meritorious projects that fall outside established program guidelines, and maintains The Rockefeller Foundation Archives.

U.S.-Indochina Reconciliation Project of the Fund for Reconciliation and Development
New York, New York
\$10,000
General support to encourage multi-dimensional relationships of the United States with Vietnam, Cambodia, and Laos through academic and cultural exchange programs.

Asian Americans/Pacific Islanders in Philanthropy (AAPIP)
San Francisco, California
\$25,000
Toward 1994 general operating expenses.

Chinese Scholars of International Studies, Inc.
Springfield, Ohio
\$15,000
Toward the costs of a conference, "China at the Turn of the Century: Issues, Challenges and Agenda."

Council on Foreign Relations
New York, New York
\$100,000
Toward the costs of its program on sovereignty and governance.

Council on Foundations
Washington, D.C.
\$44,600
Toward general operating expenses during 1994.

Environment Now
Newport Beach, California
\$10,000
For its work in environmental restoration and protection.

Feminist Majority Foundation
Arlington, Virginia
\$100,000
Toward the costs of preparing litigation and offering legal and relocation assistance to women's health clinics.

Hispanics in Philanthropy
Berkeley, California
\$25,000
For 1994 general operating expenses.

Independent Sector
Washington, D.C.
\$7,400
Toward general operating expenses during 1994.

Institute for Puerto Rican Policy
New York, New York
\$50,000
Toward support for the New York City Latino Nonprofit Sector Project.

International Institute for Applied Systems Analysis
Laxenburg, Austria
\$100,000
To increase the involvement of researchers from the developing world in IIASA's research projects.

Robert C. Maynard Institute for Journalism Education
Oakland, California
\$50,000
Toward the costs of the Maynard Memorial Project.

National Academy of Public Administration Foundation
Washington, D.C.
\$350,000
Toward support for its Project Alliance for Redesigning Government.

National Organization on
Disability
Washington, D C
\$100,000
*To support N O D 's student intern-
ship program*

National Latino Communications
Center
Los Angeles, California
\$250,000
*For production of a four-part docu-
mentary series, "Chicano History of
the Mexican-American Civil Rights
Movement "*

Overseas Development Council
Washington, D C
\$50,000
*Toward the costs of a joint study
with the International Center for
Research on Women on World
Bank's role in improving the status
of women*

Peking Union Medical College
China
\$150,000
*For the development of its China
Center for Economic Research*

The Philanthropic Initiative
Boston, Massachusetts
\$135,000
*Toward support of the Going-to-
Scale project*

Population Resource Center
Princeton, New Jersey
\$125,000
*Toward support for a series of
briefings to educate policymakers on
the role of the Census in developing
public policy*

Private Agencies Collaborating
Together
Washington, D C
\$10,000
*For use by PACT's Cambodia
program to help strengthen the NGO
sector in Cambodia and promote
cooperation between local and inter-
national NGOs and Cambodian
government ministries*

Thirteen/WNET
New York, New York
\$150,000
*Toward production of a documen-
tary on youth violence in America*

Victim Services
New York, New York
\$30,000
*For development of a research
agenda on the costs of domestic vio-
lence in the United States*

Stanford University
California
\$100,000
*For use by its Intercollegiate Center
for Classical Studies in Rome, to
create a fellowship program for
minority students*

Women & Philanthropy
New York, New York
\$25,000
*Toward general operating expenses
for 1994-1995*

Foundation-Administered Projects
[1994-\$150,000 in addition to
remaining funds from prior year
appropriations]
*Rockefeller Foundation Matching
Gift Program*

\$50,000
*Toward the costs of two meetings in
preparation for the NGO Forum to
be held at the Fourth World Confer-
ence on Women in Beijing in 1995*

ROCKEFELLER FOUNDATION
ARCHIVES

Rockefeller University,
New York, New York
[1994-\$508,352]
*To cover operating costs associated
with the preservation and continu-
ing use for future generations of
Foundation records deposited at the
Rockefeller Archive Center*

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1994 Financial Report

Foundation investments totaled \$2,108 million as of December 31, 1994. The Foundation invests these assets by establishing target allocations to asset classes and then diversifying within each asset class. To achieve this diversification, the Foundation employs managers with differing strategies and techniques for managing risk.

The following table outlines the asset allocation targets and actual holdings as of December 31, 1994.

Asset Allocation Table*

December 31, 1994

	Target Percentage	Actual Percentage	Actual \$ millions
U.S. Equities	32%	29%	\$620
Foreign Equities	25%	24%	502
Fixed Income	23%	23%	495
Real Estate	10%	11%	221
Private Equities	10%	9%	187
Short-Term and Skill	—	4%	83
	100%	100%	\$2,108

* Includes reclassifications from audited financial statements.

The Foundation's program-related investments (PRIs) are included in the fixed income portfolio. PRIs are the only asset not marked to market; they represent \$12 million, or 2.4% of the fixed income portfolio.

The Foundation's 1994 investment results were affected by generally difficult investment markets in which most asset classes registered weak or negative returns for the full year. The rise in U.S. interest rates triggered by Federal Reserve actions produced the lowest total return on most bond indices since the statistics have been compiled. The U.S. equity market was virtually breakeven for the year. International equities, if unhedged for currency risk, had a stronger performance until the surprise Mexican devaluation ricocheted through the capital markets of emerging countries at year-end.

During 1993 an experimental 5% allocation of Foundation assets was made to "skill-based strategies." The selection of investment managers for these opportunistic trading strategies was delegated to an outside advisory firm. Among the managers hired by the advisor was a firm whose investment focus was collateralized mortgage obligations, where value declined precipitously when interest rates rose. The Foundation's loss in this account triggered a review of skill-based investing and a reallocation of funds to other asset classes, which was in progress at year-end and completed in early 1995.

The Foundation's investment results benefited in 1994 from the portfolio's broad diversification at all levels. Returns have been calculated with and without skill sector losses. Total performance including the skill sector was (3.1%) and without the skill sector was (0.9%). The target, or policy, portfolio, which uses market benchmarks for each asset class, would have returned (0.3%).

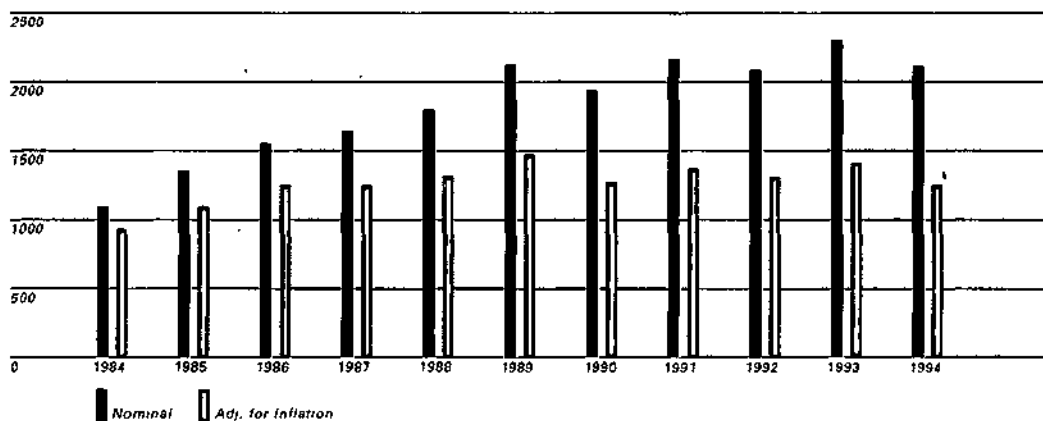
The return on domestic equities was 0.6%, outperforming the Russell 3000 benchmark return of 0.2%. International equities returned (4.4%), compared to a (3.6%) hedged international benchmark. International portfolios hedged to reduce currency risk continued to underperform as the dollar declined.

Real estate returns included declines in the values of certain problem assets held in the portfolio for some time. More recent additions to the real estate portfolio have appreciated as markets have stabilized and strengthened.

The market value of the Foundation's investments declined during 1994 from \$2,303 million at the end of 1993 to \$2,108 million at the end of 1994. The graph below illustrates nominal and real growth over the past decade.

Asset Growth Graph

Dollars in millions



Grants and administrative expenses totaled \$116.8 million in 1994, essentially unchanged since 1992. Nominal and real spending levels have increased sharply since 1985, consistent with increases in asset values throughout the period.

Report of Independent Auditors

The Board of Trustees
The Rockefeller Foundation

We have audited the accompanying statements of assets, obligations, and principal fund of The Rockefeller Foundation as of December 31, 1994 and 1993, and the related statements of operations and changes in principal fund and of changes in financial position 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, 1994 and 1993, and the results of its operations, changes in its principal fund and changes in its financial position for the years then ended in conformity with generally accepted accounting principles.

Ernst & Young LLP
New York, New York
February 24, 1995

Statements of Assets, Obligations, and Principal Fund

Dollars in thousands	December 31	
	1994	1993
Assets		
Investments (Notes 1 and 2)	\$2,108,164	\$2,303,327
Cash (primarily bond proceeds restricted as to use in 1993) (Note 7)	3,974	11,818
Accounts receivable	555	439
Dividends and interest receivable	5,047	2,670
Loans receivable (Note 8)	50,000	11,000
Construction-in-progress (Notes 4 and 7)	—	18,421
Property—at depreciated cost (Note 4)	29,722	678
Other assets (Note 5)	18,697	14,647
Total assets	\$2,216,159	\$2,363,000
Obligations and principal fund		
Accounts payable and accrued liabilities	\$12,769	\$8,930
Federal excise tax payable (Note 3)	—	168
Bonds payable, net of unamortized discount (1994: \$351; 1993: \$363) (Note 7)	29,414	29,897
Notes payable to banks (Note 8)	50,000	11,000
Deferred federal excise tax (Note 3)	653	2,487
Appropriations by the Trustees, approved for specific grantees/purposes but not yet paid (Note 6)	64,056	68,271
Total obligations	156,892	120,753
Commitments (Notes 1, 2, 5, and 9)		
Principal fund:		
Appropriations by the Trustees (Note 6):		
For allocation to future grantees	66,675	60,118
Budget for operations and new grants for the following year	128,217	119,989
	194,892	180,107
Unappropriated	1,864,375	2,062,140
Total principal fund	2,059,267	2,242,247
Total obligations and principal fund	\$2,216,159	\$2,363,000

See accompanying notes

*Statements of Operations and Changes in
Principal Fund*

<i>Dollars in thousands</i>	<i>Years ended December 31</i>	
	<i>1994</i>	<i>1993</i>
Dividends	15,978	\$19,325
Interest	32,627	45,313
Other income	949	627
Net realized (loss) gain on sales of investments	(12,181)	158,823
Total realized investment income	37,373	224,088
Less investment expenses	16,012	16,197
Net realized investment income	21,361	207,891
Less		
Approved grants and program costs	102,736	107,581
General administrative expenses	7,029	6,529
Provision for federal excise tax (Note 3)	330	2,073
	(88,734)	91,708
{Decrease} increase in unrealized appreciation of investments	(96,080)	121,638
Provision (credit) for deferred federal excise tax (Note 3)	(1,834)	2,341
	(94,246)	119,297
Principal fund at beginning of year	2,242,247	2,031,242
Principal fund at end of year	<u>\$2,059,267</u>	<u>\$2,242,247</u>

See accompanying notes

Statements of Changes in Financial Position

Dollars in thousands

Years ended December 31

	1994	1993
Sources of cash		
Net realized investment income	\$21,361	\$207,891
Net proceeds from issuance of bonds payable	—	29,738
Proceeds from issuance of notes payable to banks	50,000	11,000
Net change in sundry assets and liabilities	1,378	—
Net securities transactions exclusive of realized loss	110,083	—
Total sources of cash	182,822	248,629
Applications of cash		
Net change in sundry assets and liabilities	—	26,868
Expenditures for grants and operations:		
Agricultural Sciences	19,798	20,130
Arts and Humanities	14,760	13,423
Equal Opportunity	12,052	13,771
Health Sciences	12,961	15,220
Population Sciences	13,678	13,996
Global Environment	11,722	10,695
African Initiatives	5,042	4,950
School Reform	7,246	6,216
International Security	1,923	1,846
International Philanthropy	165	123
Special Interests	2,921	3,365
Bellagio Center and Archives	3,965	3,272
Warren Weaver Fellowships	528	566
Other	—	28
	106,761	134,469
General administrative expenditures	10,040	8,771
Estimated federal excise taxes paid (Note 3)	1,002	2,246
Property additions and capitalized construction costs	11,368	18,507
Repayments on bonds payable and note payable to bank	11,495	—
Payments advanced on loans receivable	50,000	11,000
Net securities transactions exclusive of realized gains	—	78,418
Total applications of cash	190,666	253,411
Decrease in cash	(7,844)	(4,782)
Cash balance at beginning of year	11,818	16,600
Cash balance at end of year	\$3,974	\$11,818

See accompanying notes

Notes to Financial Statements

1. Investments

Marketable securities are reported on the basis of quoted market value, and investment income and expenses are reported on the accrual basis. Securities transactions 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. Limited partnership interests in real estate are reported at appraised or estimated fair value. Venture capital limited partnership interests and other investments are reported at estimated fair value.

Dollars in thousands

	December 31, 1994		December 31, 1993 ^(*)	
	Cost	Market Value	Cost	Market Value
Marketable securities:				
U.S. and other government obligations	\$280,807	\$277,810	\$328,819	\$311,597
Money market funds	377,596	377,563	494,541	494,040
Foreign currency—short-term	—	2,936	—	2,132
Common stock	712,680	827,422	725,485	915,290
Corporate obligations	228,597	225,526	147,011	155,214
Other investments	18,652	8,072	36,814	28,474
Preferred stock	3,693	3,601	16,199	16,199
Subtotal	1,622,025	1,722,930	1,748,869	1,922,946
Limited partnerships and similar interests:				
Real estate	300,665	220,848	235,839	171,049
Venture capital	114,991	119,795	94,047	101,177
Other	41,185	42,512	105,000	111,821
Subtotal	456,841	383,155	434,886	384,047
Pending securities transactions	2,140	2,079	(3,666)	(3,666)
Total	\$2,081,006	\$2,108,164	\$2,180,089	\$2,303,327

^(*) Reclassified to conform to current year's presentation, other asset and liability accounts also have been reclassified

As of December 31, 1994, under the terms of various venture capital, real estate limited partnership, and other agreements, the Foundation has commitments to contribute approximately \$177,000 (\$133,000 in 1993) 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 a variety of off-balance-sheet financial instruments that may include equity, fixed income and foreign currency futures and options contracts, foreign currency forwards, and interest rate cap and floor contracts. The Foundation uses derivatives primarily to maintain asset mix or to hedge currency exposure while taking advantage of opportunities in selected securities, thus containing or reducing portfolio risk.

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.

The market values of the Foundation's futures and forward positions at year-end are summarized below. The Foundation also held positions in options and swap contracts that were not material to the Foundation's financial position. Changes in the market values of the Foundation's off-balance-sheet financial instruments are recognized currently in the statement of operations using the mark-to-market method, with corresponding amounts recorded in respective investment categories.

Dollars in thousands

	1994	1993
Derivatives held for other than trading purposes		
Equities contracts to manage asset mix:		
Futures:		
Assets	\$201,609	\$455,743
Liabilities	(8,996)	(59,069)
Fixed income contracts to manage asset mix and interest rate risk:		
Futures:		
Assets	442,690	588,721
Liabilities	(257,878)	(5,927,790)
Foreign currency contracts to hedge foreign exchange exposure in nondollar securities:		
Futures:		
Assets	388,037	—
Liabilities	—	(323)
Forwards:		
Assets	70,597	312,541
Liabilities	(266,834)	(5,930)
Options:		
Assets	462,639	411,380
Liabilities	(58,300)	—

(chart continues on next page)

Notes to Financial Statements (continued)

Dollars in thousands

	1994	1993
Derivatives held for trading purposes		
Foreign currency forward contracts:		
Assets	\$91,978	\$—
Liabilities	(147,183)	—
Foreign currency option contracts:		
Assets	396,823	—

Net trading losses realized in 1994 on derivatives held for trading purposes were approximately \$6,000.

The Foundation intends to close out most open contract positions prior to their respective settlement dates and, thus, the cash receipt or payment associated with each contract is subject only to the change in value of the underlying instrument. The margin cash requirements on deposit for futures contracts were approximately \$29,606 at December 31, 1994 (\$33,693 at December 31, 1993).

Securities sold, not yet purchased (\$129,000 and \$264,000 at December 31, 1994 and 1993, respectively, recorded net in the Foundation's investment accounts), have risk to the extent that the Foundation, in satisfying its obligations, may have to purchase securities at a higher value than that recorded.

3. Federal Excise Tax

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. However, the Foundation is classified as a private foundation and is subject to a federal excise tax of 1% or 2% on investment income 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, 1994 and 1993, the Foundation met the specified distribution requirements and was subject to a federal excise tax of 1%.

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.

Notes to Financial Statements (continued)

4. 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. Depreciation and amortization totaled \$1,080 and \$661 in 1994 and 1993, respectively. At December 31, 1994 and 1993, the property account included the following:

Dollars in thousands

	1994	1993
Condominium interest in 420 Fifth Avenue	\$16,924	\$—
Condominium improvements	10,479	—
Furniture, fixtures, and equipment	3,399	6,019
	30,802	6,019
Less accumulated depreciation and amortization	1,080	5,341
Property—net	<u>\$29,722</u>	<u>\$678</u>

5. Pension Plan, Trusteed Savings Plan, and Employee Benefits

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. Plan assets are invested in a diversified portfolio of common stocks and fixed-income securities.

Selected information on the Plan's funded status and the amounts recognized in the Foundation's statements of financial position at December 31 follows:

Dollars in thousands

	1994	1993
Plan assets at fair value	\$67,006	\$69,686
Less projected benefit obligation	(40,544)	(46,811)
Funded status—surplus	<u>\$26,462</u>	<u>\$22,875</u>
Prepaid pension cost included in other assets	<u>\$17,358</u>	<u>\$14,182</u>

General administrative expenses incurred in 1994 and 1993 were reduced by a net pension credit of \$3,176 and \$2,794, respectively.

The projected benefit obligation for the Plan was determined using the assumed discount rate of 8% in 1994 and 7% in 1993 along with an annual salary increase rate of 5%. The assumed long-term rate of return on plan assets was 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% 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 \$367 for 1994 and \$356 for 1993.

Notes to Financial Statements (continued)

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 cost of such benefits was approximately \$568 and \$755 in 1994 and 1993, respectively, of which approximately \$480 and \$670, respectively, was funded through a transfer of excess funds accumulated in the Plan. Postretirement benefits generally are recognized as expense as the related insurance premiums are incurred.

In December 1990, the Financial Accounting Standards Board ("FASB") issued Statement of Financial Accounting Standards No. 106, *Employers' Accounting for Postretirement Benefits Other Than Pensions* ("SFAS 106"). The provisions of SFAS 106 require that the expected cost of providing postretirement benefits be accrued during the years that the employee renders the necessary service and become effective during the year ending December 31, 1995. The Foundation does not expect the adoption of SFAS 106 to have a material adverse impact on its financial position.

6. Appropriations and Expenditures

Appropriations by the Trustees are considered to be obligations when grants are approved for specific grantees, appropriations not released for specific grantees and the appropriation for the budget for the next year are considered as appropriated principal fund. Administrative costs are charged to operations when incurred.

Appropriations and expenditures for the year are summarized as follows:

Dollars in thousands

	Appropriated for Specific Grantees/ Purposes	Appropriated for Allocation and Next Year's Budget	Total Appropriated
Balance, January 1, 1994	\$68,271	\$180,107	\$248,378
Approved grants, and program and administrative costs	111,210	(110,426)	784
Lapses and refunds	(109)	(3,006)	(3,115)
Expenditures for grants and operations	(116,799)	—	(116,799)
1995 budget	1,483	128,217	129,700
Balance, December 31, 1994	\$64,056	\$194,892	\$258,948

7. Bonds Payable

During fiscal 1993, the Foundation issued \$20,445 in tax exempt term bonds and \$9,815 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 \$30,124 at December 31, 1994, including capitalized interest and amortization of deferred financing charges of approximately \$918 in 1994 and \$583 in 1993.

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.

Notes to Financial Statements (continued)

The nominal interest rates on the serial bonds range from 3.1% to 5.1%. The nominal interest rates attributable to the term bonds are 5.2% and 5.4%.

The serial bonds mature in various amounts, ranging from \$505 to \$880 per year, through 2008. The term bonds are due in 2013 (\$5,140) and 2023 (\$15,305). Bond maturities are as follows:

Fiscal year ending December 31:	
<i>Dollars in thousands</i>	
1995	\$505
1996	520
1997	540
1998	560
1999	585
Thereafter	27,055
	<u>\$29,765</u>

8. Notes Payable to Banks and Loan Receivable

In 1994, the Foundation borrowed \$50,000 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 1/4 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.

In August 1993, the Foundation borrowed \$11,000 to partially fund an investment in a real estate project; the note was repaid in 1994.

9. Other Commitments

At December 31, 1993, the Foundation was the guarantor of a \$21,500 loan borrowed from a bank by a real estate partnership in which the Foundation is invested. The guarantee was canceled in 1994.

10. Accounting for Contributions and Financial Statement Display

In June 1993, the Financial Accounting Standards Board issued Statement of Financial Accounting Standards No. 116, *Accounting for Contributions Received and Contributions Made* ("SFAS 116") and Statement of Financial Accounting Standards No. 117, *Financial Statements of Not-for-Profit Organizations* ("SFAS 117").

SFAS 116 establishes standards of accounting for contributions and applies to all entities that receive or make contributions. Among other things, SFAS 116 requires contributions made and unconditional promises to give to be recognized as expenses in the period made at fair values. Conditional promises to give are to be recognized when they become unconditional; that is, when the conditions are substantially met.

SFAS 117 establishes broad standards for reporting information in general-purpose external financial statements issued by not-for-profit organizations, and requires that all not-for-profit organizations provide, for the entity as a whole, a statement of financial position, a statement of activities, and a statement of cash flows. Amounts related to an organization's financial position and activities are to be reported in three classes of net assets—permanently restricted, temporarily restricted, and unrestricted.

SFAS 116 and SFAS 117 will be effective for the Foundation's fiscal year ending December 31, 1995. The Foundation does not expect the adoption of SFAS 116 and SFAS 117 to have a significant impact on the presentation of its financial statements.

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Information for Applicants

To achieve lasting results with limited resources, The Rockefeller Foundation concentrates its grants and fellowships on purposes approved by the Board of Trustees and expressed in program guidelines. Summaries of these guidelines introduce each program section in the grants and fellowships listings on page 61 of this annual report. Copies of the guidelines in full are available from the Foundation.

The programs of the Foundation are planned, developed, and conducted by its staff, assisted by consultants and advisory panels. Members of the staff travel and study extensively, visit Foundation-supported projects, and observe programs and projects of potential interest.

Therefore, many proposals and grants stem from interactions with individuals and institutions that have the capabilities required to accomplish the objectives of the Foundation. Other grants and fellowships are awarded through publicized competitions designed to advance program goals.

The Foundation receives more than 10,000 unsolicited proposals each year, and while many are declined because their purposes fall outside program guidelines, staff members review the remainder, which are funded on a competitive basis within budgetary limits.

Grants

The factors considered in evaluating grant proposals include the potential of the proposed project for accomplishing its objectives and contributing significantly to the "well-being of mankind;" the relevance of the project to the Foundation's programs; the applicant's qualifications and record of achievement; and the extent of the applicant's efforts to secure additional funding from other sources.

Fellowships

Each year, a number of fellowships are announced and awarded through Foundation programs. These fellowships provide support to individuals for training and for research and other specified projects.

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 endowment. Occasional exceptions are made for organizations or institutions in which the Foundation has played an important creative role or which serve and support organized philanthropy in the United States. Although general or core support is seldom given, the Foundation tries to ensure that the full direct costs of a project are taken into account in the calculation of grant budgets.

External Affirmative Action Policy

The Foundation believes that important issues of underrepresentation of minorities and women remain unresolved in our society, and seeks to play a constructive role in their resolution. To that end, the Foundation systematically invests in the professional development of minorities and women and their promotion into leadership roles, and expects grantee organizations in the United States to do the same.

Consequently, questions regarding affirmative action will be raised where collaboration between the Foundation and U.S. applicants or grantees might improve opportunities for underrepresented groups. In such instances, as a first step, the Foundation may ask applicants and grantees to inform us of their efforts with respect to affirmative action, and to support their response, when appropriate, with data on the gender and minority composition of the institution's leadership.

Requests and Applications

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. Other inquiries about the Foundation should be sent to the Communications Office. The general mailing address is The Rockefeller Foundation, 420 Fifth Avenue, New York, NY 10018-2702 USA.

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Photography

Cover, acid rain damage on Mount Mitchell in North Carolina.

Inside cover, the Monteverde Cloud Forest Preserve in Costa Rica. The vastness of its biological diversity provides enormous wealth to the world's ecological system.

Pages 12-13, during an international training session in Zimbabwe, LEAD Associates visit the Nyamaropa irrigation project in Nyanga.

Pages 32-33, Liana Pai dances in a performance of *America Dreaming* by playwright Chiori Miyagawa and composer Tam Dun. A 1994 grantee of the Multi-Arts Production Fund, the piece was produced by the Music-Theatre Group and the Vineyard Theater, and explored issues of Asian-American identity.

Pages 38-39, the New Hope community service jobs program in Milwaukee, Wisconsin offers participants an alternative to welfare. Here, through the program a man returns to full time employment.

Pages 44-45, Lincoln Elementary School in New Haven, Connecticut, has embraced the Comer method of school reform. The children pictured pursue independent reading in the Reading Room staffed by parent volunteers and teachers.

Pages 50-51, the Villa Serbelloni, circa 17th century, as seen from the gardens of the Bellagio Study & Conference Center.

Pages 56-57, in 1956, bombs to man pilotless U.S. Air Force Matadors — at one time NATO's chief missile deterrent to Soviet aggression — were kept on 24-hour instant retaliation alert along the NATO defense line from the Baltic Sea to Bavaria, West Germany.

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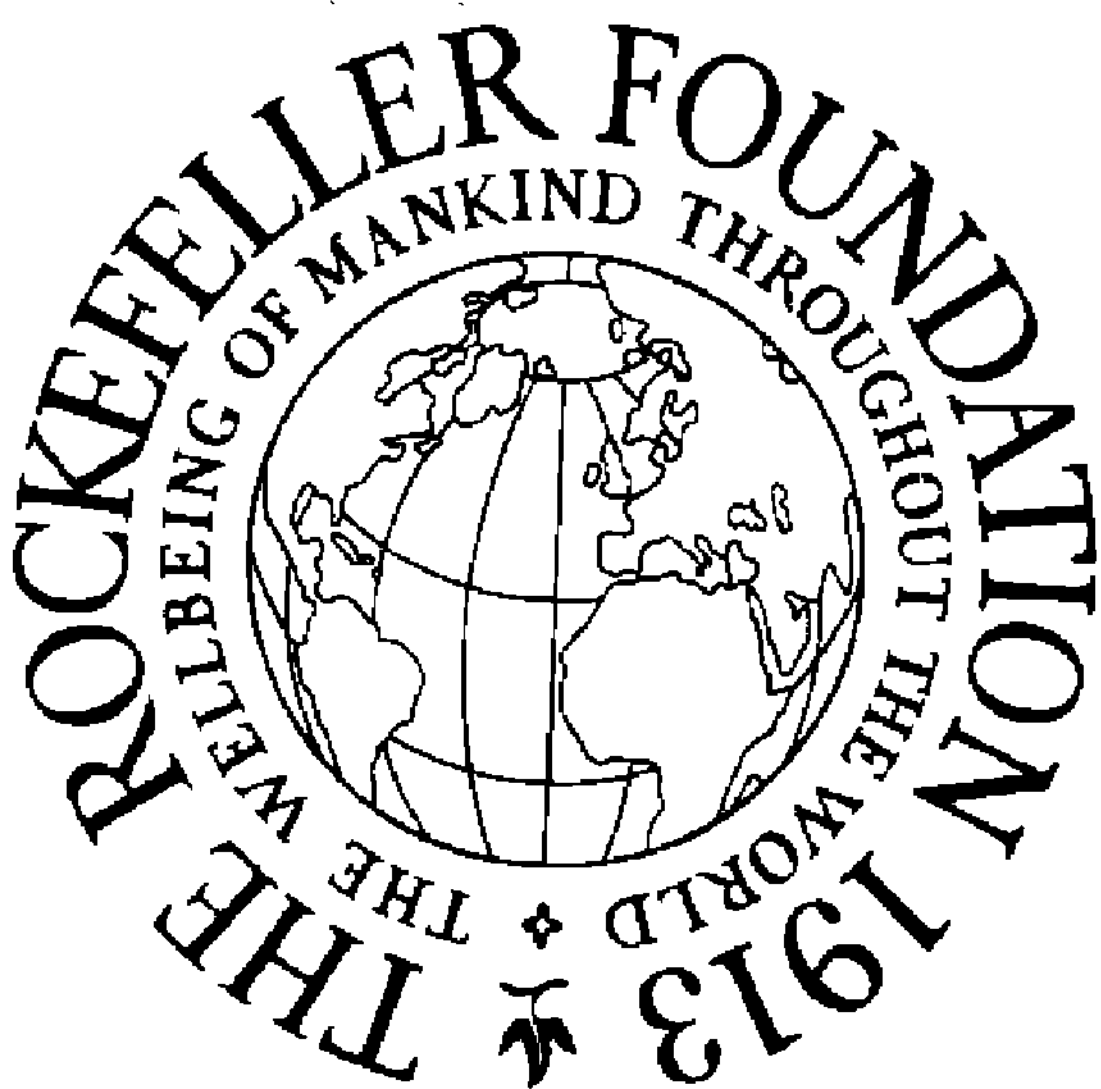
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