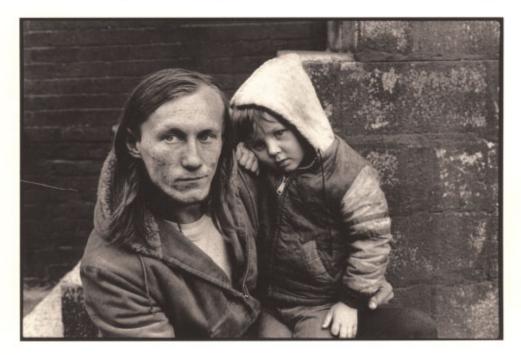
The Robert Wood Johnson Foundation Annual Report 1991





TO ASSURE THAT

AMERICANS OF ALL AGES

HAVE ACCESS

TO BASIC HEALTH CARE

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Edward C. Andrews, Jr., MD
James E. Burke
David R. Clare
Rheba de Tornyay, EdD
Lawrence G. Foster
John J. Heldrich
Leonard F. Hill
Frank J. Hoenemeyer
John J. Horan
Hon. Thomas H. Kean
Robert H. Myers
Jack W. Owen
Norman Rosenberg, MD
Steven A. Schroeder, MD
Richard B. Sellars

John H. Steele, ScD

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Leighton E. Cluff, MD William R. Walsh, Ir. THERE IS NOTHING QUITE SO SHATTERING, politically or philosophically, as having one's nemesis inconveniently die — as this nation is beginning to discover upon the demise of the Soviet Union. It will be interesting to see whether we have the maturity and courage to look for a replacement archenemy within our own borders and souls.

There are plenty of worthy candidates: ignorance, crime, intolerance or any of a host of social inequities.

And every one of them — every moral, political and economic fault or failing — figures in our present health care crisis. Every problem a society experiences ultimately presents itself in some form at the hospital door.

A pessimist may find in that interconnectedness reason to despair of any solution to this crisis. But there might be equal reason to see it as an opportunity to learn how our society really works — or doesn't work.

If we are to solve the country's health care problems, we can't limit ourselves to dealing with them at the door of the emergency room or the doctor's office. We will be obliged to discover where they originate, how they mutate into medical problems, and how to stop the process. And stopping the process will mean solving those original problems or, at the very least, greatly reducing their effect.

That would be a worthy undertaking for a great nation — and a sound approach to the myriad problems we confront as a society. The health care crisis is an ideal focal point for such an endeavor. It is acknowledged to be a matter of the utmost urgency by virtually every leader of every political persuasion; it leads back to the most diverse array of problems; it is an issue of great importance and cost to the nation; and the success or failure of its reform can be readily measured.

Moved that the forces depriving this nation of comprehensive, cost-effective health care be declared the New Nemesis.

Do we hear a second?

Robert Wood Johnson 1893-1968



COMPOSER CHARLES IVES once described a work as being filled with the dissonances that made good music — and good men. Robert Wood Johnson could have served as the model for that afterthought.

General Johnson was an ardent egalitarian who ruled a world-girdling business empire; an industrialist fiercely committed to free enterprise who championed — and paid — a minimum wage even the unions of his day considered beyond expectation; a disciplined perfectionist who sometimes had to restrain himself from acts of reckless generosity.

The energy he expended in building the small but innovative family firm of Johnson & Johnson into the world's largest health and medical care products conglomerate would have exhausted most men. But over the course of his 74 years, General Johnson would also be a soldier, politician, writer, blue-water sailor, pilot, activist and philanthropist.

Perhaps the most characteristic of his strongly held opinions was his conviction that the term "common man" was disrespectful. "A man's character," said this man of great wealth, "should not be gauged by what he earns."

Two generations before it was fashionable, General Johnson advocated a larger role for women in politics and championed environmental concerns. In a political era in which the principal debate was whether big government or big business was to be society's salvation, Robert Wood Johnson openly distrusted both. His iconoclasm was so even-handed that he was simultaneously offered the Republican and Democratic nominations for the U.S. Senate - and so thoroughgoing that he declined both.

Like the dissonances Ives sprinkled through his music, the undoctrinaire opinions of Robert Wood Johnson were part of a well-considered whole. He thought things through. He honed his own management system to ten words — "Delete, delegate, decentralize, and if necessary, delouse the central staff."

His philosophy of responsibility received its most enduring corporate expression in his one-page management credo for Johnson & Johnson. It declares a company's first responsibility to be to its customers, followed by its workers, management, community and stockholders — in that order. His sense of

personal responsibility toward society was expressed imperishably in the disposition of his own immense fortune. He left virtually all of it to the foundation that bears his name, creating one of the world's largest private philanthropies.

That fortune grew from his own efforts. He entered the family business as a millhand at the age of 17. By 1932 he began, first as president and then as chairman of the board, to turn Johnson & Johnson into the dominant force in the medical products industry.

The title by which most knew him — General — grew out of his service during World War II as a brigadier general in charge of the New York Ordnance District. He resigned his commission to accept President Roosevelt's appointment as vice chairman of the War Production Board and chairman of the Smaller War Plants Corporation.

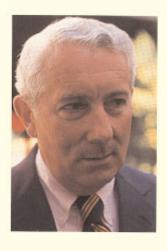
Though he never attended college, there was much of the scholar in him. He thought deeply and wrote indefatigably on the ethics and philosophy of business. His most important book, Or Forfeit Freedom, won the American Political Science Association's Book of the Year Award (and greatly irritated his "bigger is better" industrialist contemporaries) in 1948. Two years later he served as coauthor and chief architect of the study "Human Relations in

Modern Business," which the Harvard Business Review called "a Magna Carta for management and worker."

The constant element in his vision was his sensitivity to the needs of the people who staff and use the larger structures of a society. He proved that industrial plants need not be forbidding and ugly by building some of the most attractive manufacturing facilities in the world.

"We build not only structures in which men and women of the future will work, but also the patterns of society in which they will work," he said. "We are building not only frameworks of stone and steel, but frameworks of ideas and ideals."

Robert Wood Johnson was much like his factories purposeful, well-considered and respectful of human needs. He was a man of integrity. All the pieces fit. His actions were in full accord with his ideals, and his ideals were rational and humane. The number of men with the vision, force of personality and understanding of human nature to amass a true fortune in their lifetime is small. Robert Wood Johnson belonged to an even smaller elite - those who could be trusted with it.



I SOMETIMES THINK OF MY

position here as Senior Layman in Residence. Every member of our professional staff is a specialist and an expert on at least some aspect of the nation's health care crisis. I'm the fellow who brings both curiosity and detachment to the table. I'm the stand-in for not only the Foundation's Board of Trustees, but for 250 million or so of my countrymen who are living with this crisis without any claim to fully understanding it.

That's not an inconsequential position, nor an easy one to maintain. The more you learn about the health care problems of this country, the more your sense of urgency grows. When nearly 35 million people have no health insurance and that many more are one trip to the hospital away from financial disaster, there is something badly in need of fixing.

But I'm also a realist, and I know the consequences of doing the wrong thing in important matters. It is certainly an exaggeration to say we have only one chance to come up with the right solution to the complex problem of

assuring all Americans access to competent, timely, affordable medical care.

Indeed, it is probably wishful thinking to imagine that the first attempt will be more than a limited success. But when we're spending two-thirds of a trillion dollars a year for a system no one thinks is very efficient or effective, we certainly can't afford many errors.

It will take several years, at the very least, to bring about reform in the way health care is delivered and financed in this country, and the public is already noticeably displeased with the status quo. Two or three years from now, public exasperation with the methodical, evolutionary approach may well have reached the boiling point, and those who now realize the need to make haste slowly and carefully on this issue may find themselves under great pressure to do something less than their most responsible work.

Still, they had better not waver. If they botch the job by acting too precipitously or too timidly, by doing too much or too little, the public may vote into office advocates of a system of care that might willingly sacrifice the relative few millions of Americans who have

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slipped (or all but slipped) through the medical system's safety net in order to appease the majority coalition that elects them.

Am I being cynical?

Maybe. But hard times favor populist politicians — politicians whose concept of leadership is to give voice and action to the wants and needs of their constituents, often to the deliberate detriment of some other group in society. So far, such voices of division and selfish parochialism have not been raised significantly in the debate over solving the health care crisis. But as public

frustration grows, those who benefit from dissension will begin to be heard.

When the Board approved The Robert Wood Johnson Foundation's new goals early last year, the health care crisis hadn't become the stuff of daily headlines that it is today. At that time, we announced that we would pursue these goals for the next decade.

For all the talk about the subject that has arisen since, I've heard nothing that makes me think our time frame was too long. Many election years have come and gone while the health care crisis was building; several more will come and go before we've resolved it.

In the process we'll learn just how stern a stuff our leaders and lawmakers are made of these days — yes, and foundation trustees and chairmen and other ordinary citizens, too, I daresay.

$A \quad C \quad C \quad E \quad S \quad S$

Steven A. Schroeder, MD President

LAST YEAR The Robert Wood Johnson Foundation's Board of Trustees established three new program goals for our grantmaking in the 1990s:

- To assure that Americans of all ages have access to basic health care.
- To promote health and prevent disease by reducing harm caused by substance abuse.
- To improve the way services are organized and provided to people with chronic health conditions.

Because they interfere with the attainment of our primary goals, we have also undertaken to seek opportunities to help the nation address the problem of escalating medical care expenditures. And we remain receptive to significant new initiatives, especially those anticipating emerging health care problems.

The most comprehensive of these goals is access to basic health care, and it is upon this subject that my message this year will focus.

What is most astounding about this issue is that we lag so far behind the rest of the developed world in addressing it. Access to basic care is an accomplished fact in every other affluent nation — and at a far lower price than the 13 percent of Gross National Product we pay for medical care in this country.

Medicine in the United States is characterized by an impressive technological virtuosity and a profoundly flawed access mechanism. We have not, as a matter of policy, even agreed that access to basic health services for all is a reasonable goal.

If the nation does undertake that goal, how far are we from achieving it? How much progress have we made in the past year? And what is The Robert Wood Johnson Foundation doing to help?

The problem

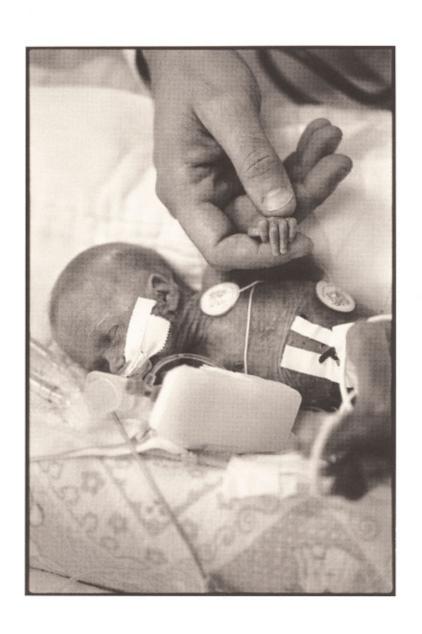
There are three major factors contributing to the inadequate access to basic medical care in this country:

Inability to pay for care. Nearly 35 million people — one of every nine
working families — have no health insurance, and another 40 million are
seriously underinsured. The result? Medical care becomes a luxury, and
eight million children grow up without adequate medical and dental care,



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and nearly one of every five Americans with diabetes and hypertension receives no treatment.

- Uneven distribution of doctors and hospitals. Many parts of the country
 suffer a serious shortage of generalist physicians, and specialty choices
 among medical students indicate that the situation will worsen. Many rural
 and inner-city hospitals are struggling for their very existence, besieged by
 problems of inadequate staffs, uncompensated care and, in the inner cities,
 the scourges of drugs, HIV infection and alcoholism.
- Barriers to care deriving from sociocultural factors and dysfunctional
 organization. Lack of access to care, real or perceived, is a major
 contributor to the category of unnecessary morbidity and death that place
 this nation a dismal 24th in the world in infant mortality and 19th in life
 expectancy from birth. Into that category falls every case of untreated
 angina pectoris, hypertension, diabetes mellitus and breast cancer. So,
 potentially, does every woman who goes without prenatal care in the first
 trimester of pregnancy and every child who doesn't receive immunization
 against vaccine-preventable disease. The number of people in each of these
 categories is growing.

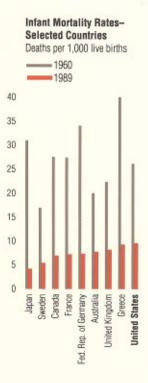
National response to the access problem

The good news is that more Americans in 1991 seemed to share the goal of universal basic health care. The bad news is that fewer of them enjoyed access to such care.

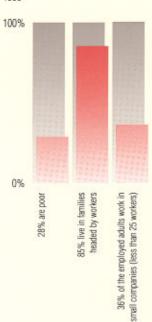
Health insurance in this country is largely tied to employment, and a very durable recession has raised the specter of joblessness and loss of health coverage for many working people. It also has reduced the public tolerance for tax increases at the state and local level, triggering a shrinkage in Medicaid and other state-level health funding. Consequently, many health care institutions — particularly large, inner-city facilities — are facing their own fiscal crises.

The atmosphere of economic pessimism, coupled with the rising cost of health insurance premiums, has increased public concern about adequacy of health care insurance coverage to the point that it even became a successful campaign issue in Pennsylvania's Senate race, which led the nation's pundits to declare health care access a viable political issue.

Whether or not this new concern translates into the enactment of major legislation within the next two years, it does suggest that the prospects for health care financing reform are brighter now than they have been at any time in the last two decades.



Profile of the Uninsured Under Age 65 1990



This growing public consensus that there should be all-inclusive health care coverage appears to have a parallel among health care professionals. The Journal of the American Medical Association devoted an entire issue in 1991 to various proposals for solving the problem of access to care.

Of course this isn't the first time that health care access has been on the nation's political mind. And it remains to be seen whether it will stay there long enough this time to lead to the enactment of legislation. But a rising perception of the need for universal basic care may be the silver lining in the dark cloud of the present recession.

Regrettably, no corresponding attention is given to the other two barriers to access — supply and sociocultural factors.

I suspect that stems from the relative difficulty most of the public has in relating to those problems as national issues. To a small town facing the closure of its only hospital or an inner-city mother trying to find a physician to examine her feverish baby, the issues of distribution of resources are very vivid indeed. But to the nation as a whole, they may appear to be more local than national issues, far less pressing than the 35 million people without health insurance and the prospect that any working American could join their ranks through loss of a job.

Every now and then one of the supply or sociocultural problems produces an event that brings that issue into momentary prominence, like the recent epidemic of measles that surprised the general public, who thought it was a childhood disease on the verge of eradication. But these events quickly drop out of the headlines and the barriers remain, for the most part, invisible to all but a few Americans.

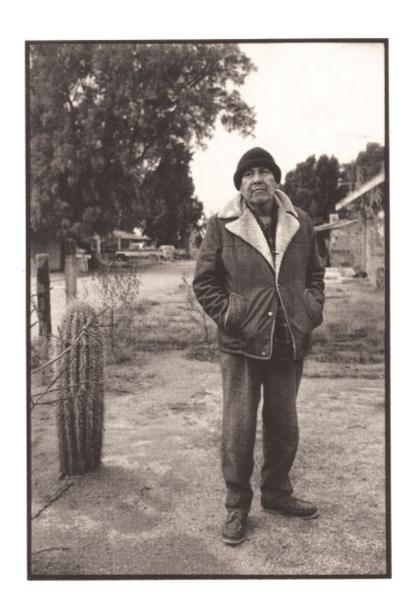
Access-related programs of The Robert Wood Johnson Foundation

During 1991 the Foundation's Board of Trustees approved a number of programs intended to improve access to basic health services. Examples relating to each of the three access barriers include:

1. Programs to reduce financial barriers

State initiatives in health care financing reform

This new \$28 million program will provide technical assistance and funding to states attempting to reform health care financing. The primary aim is to expand coverage for the uninsured and to improve Medicaid and other state programs providing access to care for the poor and unemployed. Ideally, of course, financing reform will ultimately occur at the national level. But, in the interim, state programs can serve as test models for the







nation and, we hope, increase the pressure on Washington for a national initiative.

The grant funds will be awarded to up to 15 states to support work over a five-year period. In addition, the Foundation will establish a national program office and support other technical assistance activities for the states that will:

- provide trend analysis and simulation modeling to assess the effects of policy changes on the uninsured
- analyze the cost of proposed state options, and
- convene national forums to compare experiences and learn from each other's work.
- Study of barriers to primary care leading to hospitalization

Low Medicaid reimbursement rates and the long queues confronting patients seeking routine care in emergency rooms and clinics of urban hospitals may cause some people to delay or even forego care for potentially serious conditions.

Researchers working with the United Hospital Fund of New York City have found great geographical differences in the incidence of potentially avoidable hospitalizations. Neighborhoods in which it is difficult to obtain primary care were found to have much higher rates of avoidable hospitalization.

If it can be demonstrated that a lack of primary care contributes to expensive hospitalizations, this initiative may influence municipal health planning.

Report on the status of public hospitals in major cities

Anecdotal accounts of understaffed facilities and patient overloads have been appearing with increasing frequency in large-city newspapers. The National Public Health and Hospital Institute will analyze just how widespread and severe these conditions are, in the expectation that the resulting information will focus on the need for attention to this problem and thereby improve the care of millions of people dependent upon these institutions for their health care.

2. Programs to reduce supply and distribution barriers

· Increasing the supply of generalist physicians

Any well-structured health care system must have at its core an adequate supply of well-trained generalist physicians. In every other developed nation, and in organized systems of care in this country, such as health maintenance organizations, at least half of all physicians are generalists — family physicians, general internists, general pediatricians,







and the like. Yet in the United States only 30 percent of physicians are generalists, and trend studies of the career choices of medical students indicate that this already low proportion is likely to decrease further.

This state of affairs derives from broad social and financial disincentives and from forces discouraging generalism within the medical education system.

The social and financial disincentives include:

- payment systems that disproportionately reward high-technology care
- the higher social status accorded specialists
- the wish to establish mastery over a specific, highly-valued body of knowledge
- lifestyle disadvantages and inconveniences associated with the responsibility to provide continuing care, and
- cost containment-driven administrative burdens that fall disproportionately upon office-based, high-volume physicians, such as generalists.

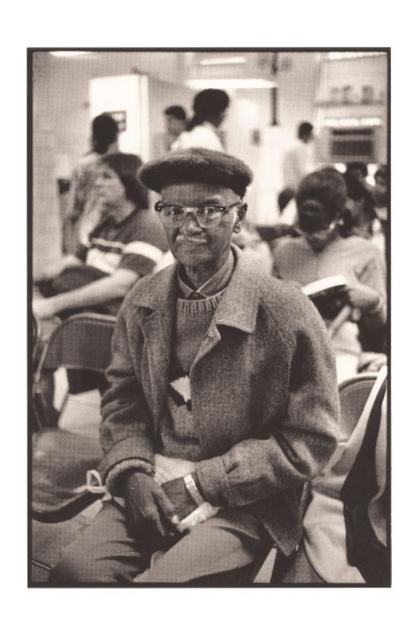
While these social and financial pressures to specialize are significant, there is persuasive evidence that the medical school experience is a major determinant in the student's choice of specialties.

The Foundation's \$32 million program challenges interested medical schools to increase their production of generalist physicians. Up to 18 planning grants and 12 implementation grants will be awarded to medical schools to develop comprehensive programs to intervene in four areas of medical student experience — admission policy, undergraduate medical education, residency training and practice entry and support.

Increasing the proportion of generalist physicians won't be accomplished overnight. Indeed, it probably won't occur at all unless some of the societal disincentives are reduced — particularly the payment structure that so heavily favors specialists. Nevertheless, the make-up of our physician population is so important to access to care, service coordination, cost-effectiveness and disease prevention that the Foundation has chosen it as a major area of concern.

State primary care provider initiative for underserved populations

This \$16 million program focuses on improving the distribution of medical professionals to provide underserved populations with earlier and more convenient entry into the health care system. It will promote the development of statewide models to recruit, train and support generalist physicians, nurse practitioners, physician assistants and certified nurse midwives in medically deprived areas.





States participating in this program will undertake a three-part strategy:

- 1. Conduct a statewide assessment of needs.
- Improve the capacity to recruit and train primary care practitioners in underserved areas.
- 3. Improve the financing and policy environment for these practitioners.
- · Programs to improve the supply of minority physicians

Minority physicians are more likely to become generalist physicians and to serve medically deprived populations. Yet the proportion of African-American, Hispanic or Native American practitioners is substantially below the proportion of these groups in the U.S. population.

In 1991, the Foundation made two important grants designed to increase the supply of minority physicians. First we expanded the Minority Medical Faculty Development Program, which now provides 8 to 12 fellowship awards annually for minority medical school graduates. This program is intended to facilitate the development of successful minority role models on medical school faculties, so that more minority students are stimulated to consider medicine as a career.

Next we awarded \$5 million to National Medical Fellowships, Inc., to provide direct, need-based scholarships to minority medical students, thereby reducing their level of indebtedness, preserving their options for lower-paying generalist or public health careers, and encouraging students from low-income families to enter medicine.

3. Programs to reduce social and organizational barriers

All Kids Count: a program to increase immunizations for preschool children
 The immunization of children in the United States has undergone serious erosion over the past five years, leading to a resurgence of preventable diseases such as measles and mumps.

Although laws in all 50 states require that children be fully immunized by the time they enter school, far too few preschool children are immunized. In fact, an estimated 1.2 million children under the age of 2 have not received immunizations against vaccine-preventable diseases — a record far worse than that of most developed countries. There is no shortage of effective vaccines. The problem lies in identifying and immunizing these children in a timely manner.

This \$9 million national program will foster the development and implementation of community-based surveillance and follow-up systems to improve access to immunizations for preschool children. Up to 20



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communities will receive one-year planning grants and as many as 12 of them will receive four-year implementation support.

Through these grants, we hope to encourage municipal and county governments or health agencies to collaborate with state health departments on solutions for their own jurisdictions. We also hope the program will stimulate those communities that apply for but do not receive Foundation funding to develop such systems on their own, as other community-directed Foundation programs have done in the past.

Planning for a citywide program to restructure school health services
 School health services are ubiquitous, expensive and — all too

frequently — ineffective. This demonstration program, organized through the Los Angeles Educational Partnership, will undertake a fundamental restructuring of the entire Los Angeles school health system. Its ambitious goals include assuring access to basic health services for all students, improving the care of children and adolescents with chronic conditions, and providing systemwide health education. The planners envision a system that is not only high-quality but cost-effective — a suitable model for other big-city school systems.

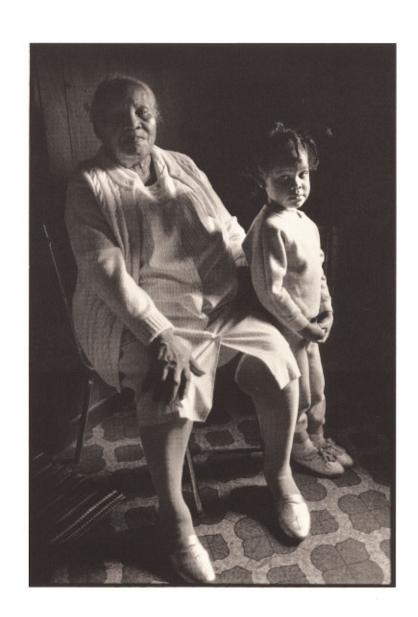
Even if these programs and the many others described elsewhere in this report are successful beyond our wildest expectations, they will not suffice to solve the problem of assuring access to basic health services for all Americans. The Robert Wood Johnson Foundation's resources, substantial though they are, can make only a very small impact on so vast a need. It is our hope that our voice and efforts, joined by those of many others, will establish the validity of this need for the nation.

In many ways, the timing could not be better. For the first time in two generations, we are not fighting a Cold War bearing the threat of thermonuclear annihilation. Despite our current economic troubles, we are a nation of immense energy and resources, and our enormous present expenditure for health care, more efficiently used, is adequate to cover everyone.

What we must do now is put aside the differences that have stifled past efforts at health care reform and join together in this cause. For too many years, universal access to basic health care services has been "just around the corner."

Now is the time to turn that corner!





While the president's message addressed at some length the Foundation's 1991 grants and initiatives in the area of access to care, there was also significant grantmaking activity in our other areas of major focus.

Substance Abuse



A number of RWJF grants and initiatives in 1991 were directed at reducing the harm caused by substance abuse — many of them based on Fighting Back, a Foundation

program launched in early 1990.

Fighting Back is designed to help community coalitions reduce the demand for illegal drugs and alcohol through a continuum of coordinated services from prevention to treatment. Last year's broadened application of the concept included the authorization of a \$13.5 million initiative to develop analogous programs in conjunction with Native American tribes. This Initiative to Reduce Substance Abuse Among Native Americans will incorporate tribal values in the design and implementation of program activities.

Another 1991 program built on the Fighting Back model is Join Together, a national resource for communities fighting substance abuse. Through a grant to the Boston University School of Public Health, this support center for community coalitions, in coordination with other national groups, will offer a variety of technical assistance capabilities to community groups across the country.

The growing population of addicted pregnant women and their drug-exposed children is proving a major burden to our health care system, which is ill-prepared to provide the complex medical and social services they need. The Foundation awarded several grants in 1991 to help address the service needs and examine the policy issues made prominent by the increasing number of addicted women and drug-exposed babies in our society. A grant was awarded to the Family Health Center in Miami to develop a model financing and service

system for a comprehensive residential treatment program for drug-addicted women and their children.

Drug-exposed infants often require foster care. A grant to the Special Caretakers program, a model foster care program at Hahnemann University in Philadelphia in which hospital staff care for drug-exposed infants, supports the dissemination of the program to other interested hospitals.

Though it remains to be rendered conclusive, there are enough anecdotal reports from child care workers and teachers to suggest that drug-exposed infants may be putting an additional strain on the capabilities of formal care facilities and schools.

Two Foundation grants support the training of people who care for these children. The first provides training for early child care professionals serving high-risk youth in child care centers in Philadelphia. The second supports the training of public school kindergarten, pre-kindergarten and special education teachers in working with drugexposed and other at-risk children. Another grant provides start-up funds for a study at Yale University of infants born to women who abused cocaine during pregnancy to determine the effects of exposure on infant development. Two other grants support the investigation of policy issues arising from maternal substance abuse and the analysis of public and private resources available nationwide to meet the needs of drug-exposed infants and their families.

Tobacco use among teenagers remains a significant problem in this country. The Foundation awarded a three-year, \$1.2 million grant to Stop Teenage Addiction to Tobacco (STAT), an organization devoted to the issue. The grant will finance the implementation of four community projects to reduce adolescent tobacco use, focusing on access to tobacco. The projects will involve

conducting surveys on the availability of tobacco to young people, organizing community forums on the findings, and working with local businesses to eliminate the sale of tobacco to underage youth.

Research can make an important contribution to this country's efforts to reduce the harm caused by substance abuse. The Foundation awarded a grant to the Harvard University School of Public Health to study modifiable factors in the workplace that contribute to alcohol abuse. Another research grant was awarded to Yale University to document and analyze American drug policy from 1960 to 1990.

Among the many problems associated with substance abuse is crime. For those convicted of crimes who want to reduce their dependence on illegal drugs and alcohol and are ready to take advantage of treatment, prisons provide an opportunity for rehabilitation. The Foundation awarded a grant to Hunter College in New York City to develop a program to help adolescent and adult female inmates at Riker's Island Prison while they remain in jail and after they return to their neighborhoods. This program will provide health education and case management for the inmates and help find needed services such as housing, health care, and other social services for up to a year after the participants return to the community.

The health problems caused by tobacco, alcohol and illegal drugs touch the lives of almost all Americans, either personally or through affected families or friends. We recognize that we have taken only the first steps on our chosen path of supporting studies, media activities and programs directed to reducing the harm caused by substance abuse, and we will continue to look for opportunities to foster change in this area.

Services for People with Chronic Health Conditions



There are an estimated 35 million people in the United States who are limited in their activities because of physical or mental impairments. The Foundation's focus is on

those with chronic health conditions so serious that they require a mixture of coordinated health and related services in order to achieve a maximum level of functioning and a minimum of institutional care.

The recognized service delivery problems for those with chronic health problems include a medical care system focused on costly treatment of symptoms rather than on improving functional abilities and well-being, inadequate supportive services to facilitate appropriate use of medical care, poor linkages between service and health care providers, and an underlying financing system that pays for high-technology acute medical care but not for equally vital basic health and related services.

As a result of the health system's focus on acute care, there are only limited data on the extent of the shortcomings in health and social services for those with chronic health conditions. The Foundation's own past programming in this area has been almost exclusively categorical, providing few lessons about building truly integrated systems of care for the chronically ill.

A broad-spectrum approach to improving systems of care is new and untried. While it has intuitive appeal and has been greeted enthusiastically by scholars, practitioners and other Foundation consultants, it runs counter to existing organizational and financing methods.

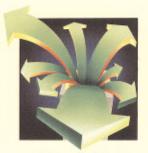
Because of the importance of sound information for program development, many of the Foundation's early efforts have been devoted to developing research and analysis projects to: (1) identify common problems in the service system;

(2) identify the pressure points for changing the system; and (3) offer a range of viable strategies to make services more rational and responsive to the needs of people. Among the initial grants in this area are one to Brown University's Center on Gerontology for the design of a survey to assess community-based chronic care services and consumer attitudes about gaps in the system, and another to the University of Colorado's Health Sciences Center for the evaluation of alternative approaches to rehabilitative care.

At the same time, Foundation staff have begun to search out exemplary models for organizing and providing services to those with chronic health conditions. Some of these models have been started with Foundation funding and we have opted to test whether the range of services offered or the populations served by them can be expanded. For instance, in the second phase of the successful Dementia Care and Respite Services Program, we will determine whether similar adult day care services can be provided simultaneously to others with chronic mental impairments.

While 1991 was, for the most part, a year of study, we expect very active grantmaking in the next year to test additional models involving, for example, the integration of acute and chronic care services among HMO populations and the development of community-wide chronic care networks to reduce inappropriate emergency room use by those with chronic medical conditions. In addition, it is likely that the Foundation will invest resources in the promotion of better clinical practice in chronic care. This may involve provider training efforts as well as the identification of financial and regulatory approaches for reordering health care priorities for the impaired.

Health Care Cost Containment



In addition to its three specifically enumerated goals, the Foundation is seeking opportunities to help the nation address, effectively and fairly, the overarching problem of

escalating health care expenditures.

Cost containment is an area that warrants Foundation attention because:

- It is central to the debate over health care reform, and, if costs are not contained, expanding or even maintaining basic health care for vulnerable populations will become increasingly threatened.
- The financing of health care is a critical element in each of our chosen areas of emphasis, significantly affecting what can be achieved by our initiatives and grants.
- The Foundation is uniquely positioned as an objective participant in the health care cost debate, with prospects of serving as an impartial evaluator of cost-cutting approaches and the tradeoffs inherent in them.

The Robert Wood Johnson Foundation will look for opportunities to advance the debate on cost containment by supporting policy analysis, health services research and demonstration projects to inform the decision-making process. We will bring together experts to seek solutions and enhance the field's analytic capabilities to assess them.

Our 1991 efforts focused largely on research and capacity-building within the research community. The Changes in Health Care Financing and Organization (HCFO) initiative continues to solicit research, evaluation and demonstration projects that look at the impact of major changes in health care financing on costs, access and quality. During the year, 16 new awards were made under this initiative: three to evaluate the impact of recent changes in Medicaid eligibility and financing; three to study the effects of medical underwriting in the private insurance market; two assessing the cost

savings attributable to private employer-managed care initiatives; two examining physician payment reforms; and the rest addressing a broad range of financing issues.

In addition to the HCFO initiative, we sought to shed additional light on the potential benefits of health care reform in the United States by awarding a grant to the Economic and Social Research Institute to estimate the financial impact of health care spending controls on the U.S. economy, the government, the business sector and consumers over a 10-year period. The initial results of this study indicate enormous potential savings should the United States put spending controls in place.

As a way to build the analytic capacity of the health policy research field, two national programs were authorized in 1991:

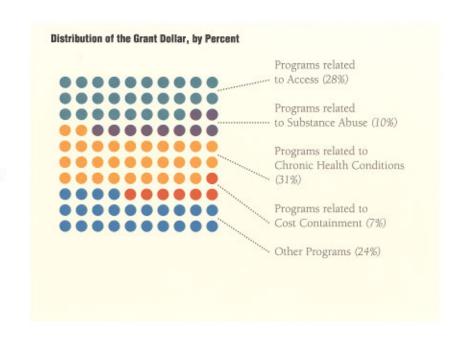
- The Scholars in Health Policy Research Program is an effort to recruit postdoctoral talent in economics, social research and political science to the health field. This program will provide multidisciplinary training, experience in policy settings, and independent research with recognized mentors. The program should begin enrolling scholars in 1993.
- The Investigator Grants in Health Policy Research Program is intended to encourage career development of promising new investigators and to retain the intellectual talents of eminent scholars by providing general support for health policy research. This will be a highly competitive program enrolling up to 10 investigators each year, beginning in late 1992.

By building capacity within the field, these two programs encourage broader policy perspectives in the research community and encourage the development of potential "pathbreakers" essential to helping solve our health care problems. More funding of health services research and policy analysis initiatives is likely in 1992.

DURING 1991, the Foundation made 370 grants totaling \$128.6 million in support of programs and projects to improve health care in the United States. These grant funds, viewed in terms of the Foundation's principal objectives, were distributed as follows:

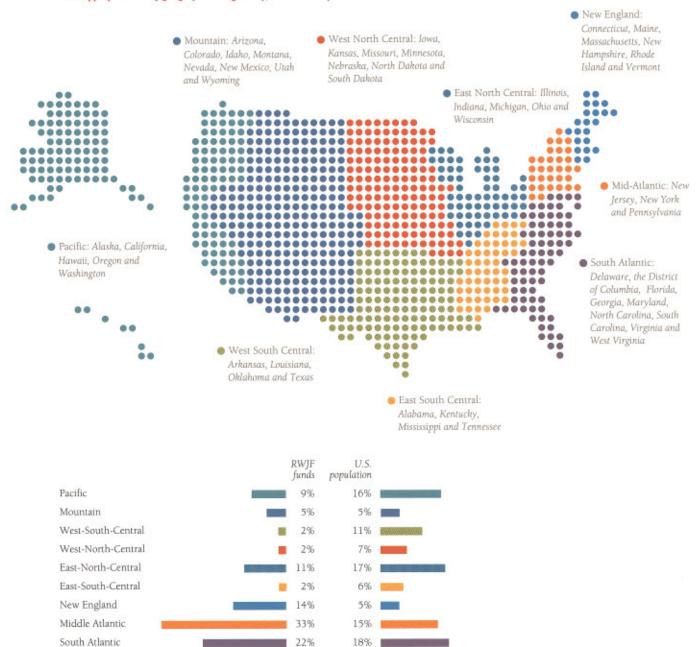
- \$35.9 million, or 28 percent, for programs that assure that Americans of all ages have access to basic health care;
- \$12.3 million, or 10 percent, for programs that promote health and prevent disease by reducing harm caused by substance abuse;
- \$40.4 million, or 31 percent, for programs that improve the way services are organized and provided to people with chronic health conditions;
- \$8.4 million, or 7 percent, for programs that help the nation address the problem of escalating medical care expenditures; and
- \$31.6 million, or 24 percent,* for a variety of other purposes, principally in the New Brunswick, New Jersey, area where the Foundation originated.

The distribution of these funds by areas of interest is charted below. Since becoming a national philanthropy in 1972, our appropriations have totaled \$1.2 billion. A chart depicting the geographic distribution of 1991 funds is diagrammed on the opposite page.



^{*}The Foundation's grantmaking agenda changed in mid-1991, causing some of its grant activity early in the year to fall outside its newly articulated goals.

1991 appropriations by geographical region (\$128.6 million)



U.S. population figures taken from the 1990 Census of Population, U.S. Department of Commerce, Bureau of Census, March 1991.

Harold Amos, PhD

Edward N. Brandt, Jr., MD, PhD

James J. Callahan, Jr., PhD

Jack M. Colwill, MD

Barbara A. Donaho

Mary Jane England, MD

William H. Foege, MD

Lex Frieden

James R. Gavin III, MD, PhD

Ruth S. Hanft, PhD

W. David Helms, PhD

Susan D. Horn, PhD

Kenneth G. Johnson, MD

Stephen C. Joseph, MD

Ira Kaufman

William A. Knaus, MD

Julia G. Lear, PhD

Marion Fin Lewin

Charles S. Mahan, MD

Mark R. Meiners, PhD

James I. O'Connell III. MD

Mary Plaska

Philip J. Porter, MD

Burton V. Reifler, ME

Robert C. Rock, MD

Miles F. Shore, MD

Anderson Spickard, Ir., MD

Timothy L. Taylor PhD

Jeffrey A. Warrer

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ACCESS	
DEMONSTRATION (AD HOCS)	
American Academy of Pediatrics, Pennsylvania Chapter Bryn Mawr, PA \$150,007	Program linking children in daycare to health services (for 2 years). ID#16475
City of Beloit Beloit, WI \$320,715	Development of comprehensive service centers for high-risk families (for 3 years). ID#17090
The Children's Health Fund New York, NY \$417,715	Increasing the access to basic health care for medically needy children (for 2 years). ID#18206
The Children's Hospital Association Denver, CO \$24,919	Development of a management information system for school-based health centers (for 1 year). ID#18694
The Children's Hospital of Philadelphia Philadelphia, PA \$1,477,655	West Philadelphia collaborative program for child health (for 3 years). ID#17927
Children's National Medical Center Washington, DC \$556,945	Technical assistance and direction for the School-Based Adolescent Health Care Program (for 1 year). ID#17793
Florida Healthy Kids Corporation Tallahassee, FL \$49,930	Development of a school enrollment-based health insurance model (for 3 months). ID#18244
University of Florida, College of Medicine Gainesville, FL \$212,318	Technical assistance and direction for the Healthy Futures Program (for 1 year). ID#17478
Foundation of the University of Medicine and Dentistry of New Jersey Newark, NJ \$1,512,625	Community-based primary care program for needy families in New Brunswick (for 4 years). ID#19382
George Washington University Washington, DC \$265,757	Technical assistance and direction for the Local Initiative Funding Partners Program (for 1 year). ID#18513
Greater Southeast Community Hospital Corporation Washington, DC \$138,856	Planning for a hospital-led child health services effort (for 1 year). ID#17411
Harvard Medical School Boston, MA \$95,536	Technical assistance and direction for the School-Based Adolescent Health Care Program (for 1 year). ID#17795
University of Illinois—Chicago, College of Nursing Chicago, IL \$965,490	Improving access to basic health care for children and their families (for 3 years). ID#17150

families (for 1 year). ID#17394
1.1
ealth services (for 1.5 years).
k youth (for 4 months).
income women (for 1 year).
vomen and children
trengthen Primary Care Health
ldren (for 2 years). ID#16783
ealth of Native Americans
est Virginia (for 3 years).
ior in adolescents (for 2 years).
New Hampshire (for 2 years).
ospital Nursing: A Program to
Establishing Immunization #19235
in rural Georgia (for 2 years).

Community Care Funding Partners Program		care projects for underserved groups, jointly funded with local foundations or private sources (for 3 years). ID#6397		
The Ounce of Prevention Fund Chicago, IL \$99,724				
Hospital-Based Rural Health Care Program to improve Program hospitals (for 1 year		the access, quality, and cost-efficiency of health services in rural). ID#11262		
Montana Hospital Research and Edu Foundation, Inc. Helena, MT \$157,548	cation			
		vative programs addressing health care needs of American Indians ves (for the periods indicated). ID#11184		
Aroostook Micmac Council, Inc. Presque Isle, ME (3 years) \$139,799		Great Lakes Inter-Tribal Council, Inc. Lac du Flambeau, WI (3 years) \$440,236		
Blackfeet Tribe of the Blackfeet Indi of Montana Browning, MT (3 years) \$169,935	an Reservation	Minnesota Safety Council St. Paul, MN (2 years) \$118,893		
Consolidated Tribal Health Project, Inc. Ukiah, CA (1.5 years) \$166,267		St. Regis Band of Mohawk Indians of New York Hogansburg, NY (3 years) \$131,615		
Ganado Unified School District #20 Foundation Ganado, AZ (3 years) \$129,433		Urban Indian Health Board, Inc. Oakland, CA (2 years) \$181,494		
Local Initiative Funding Partners Program—Phase 1		ogram to enable local foundations and corporations to sponsor rvice projects (for 2 years). ID#12033		
State of Idaho, Public Health District Southwest District Health Department Caldwell, ID \$190,000		Lao Family Community of Minnesota, Inc. St. Paul, MN \$90,000		
		Youth Impact Centers of Dallas Dallas, TX \$150,000		

Program to Strengthen Primary Care Health Centers Initiative to improve the capacity for self-sufficiency of not-for-profit primary care health centers (for the periods indicated). ID#12904

Athens Model Neighborhood Health Center, Inc.

Athens, GA (2 years) \$100,000

\$100,000

Ivor Medical Center

Ivor, VA (3 years) \$100,000

East Texas Community Health Services, Inc.

Nacogdoches, TX (3 years) Warwick Community Action, Inc.

Warwick, RI (3 years) \$100,000

Georgia Mountains Health Services, Inc.

Morganton, GA (3 years) \$100,000

EDUCATION & TRAINING (AD HOCS)

Harvard Medical School Technical assistance and direction for the Minority Medical Faculty Development Boston, MA Program (for 1 year). ID#17796 \$393,716 University of Missouri, Columbia, Technical assistance and direction for The Generalist Physician Initiative (for 1 year). School of Medicine ID#18777 Columbia, MO \$516.592 National Academy of Sciences-Workshops to reassess minority medical educational strategies (for 1 year). ID#18530 Institute of Medicine Washington, DC \$50,000 National Medical Fellowships, Inc. Need-based scholarship program for minority medical students (for 5 years). New York, NY ID#18335 \$5,000,000 New York Health Careers Center, Inc. Expansion of a program to recruit people to careers in health care (for 14 months). New York, NY ID#17916 \$443,315 New York University Planning project to increase minority medical school enrollment (for 1 year). ID#17738 New York, NY \$50,000 University of Oklahoma Health Technical assistance and direction for the Minority Medical Education Program Sciences Center (for 1 year). ID#17485 Oklahoma City, OK \$257,164

EDUCATION & TRAINING (NATIONAL PROGRAMS & FOUNDATION INITIATIVES)

Minority Medical Education Program

Summer enrichment program to help minority students successfully compete for medical school acceptance (for 2 years). ID#11878

Baylor College of Medicine

Houston, TX \$399,942 United Negro College Fund, Inc.

New York, NY \$399,112

Case Western Reserve University, School of Medicine

Cleveland, OH \$399,950 University of Virginia, School of Medicine

Charlottesville, VA

\$400,000

Illinois Institute of Technology

Chicago, IL \$399,928 University of Washington, School of Medicine

Seattle, WA \$399,996

Four-year program to provide two-year, biomedical, postdoctoral research fellowships Minority Medical Faculty Development Program (for the periods indicated). ID#7854 Louisiana State University Medical Center Baylor College of Medicine New Orleans, LA Houston, TX (2 years) (2 years) \$152,500 \$152,499 Case Western Reserve University, School of Medicine University of Michigan Medical Center Cleveland, OH Ann Arbor, MI (2 years) (2 years) \$152,500 \$152,500 University of Michigan Medical School Children's Hospital Corporation Ann Arbor, MI Boston, MA (2 years) (2 years) \$152,500 \$157,625 University of Michigan, Mental Health Research University of Colorado Health Sciences Center, Institute School of Medicine Ann Arbor, MI Denver, CO (2 years) (2 years) \$152,500 \$163,006 University of North Carolina at Chapel Hill, Emory University, School of Medicine School of Medicine Atlanta, GA Chapel Hill, NC (2 years) (2 years) \$155,878 \$152,500 The General Hospital Corporation-The University of Texas, Southwestern Medical School Massachusetts General Hospital at Dallas Boston, MA Dallas, TX (2 years) \$152,500 (2 years) \$152,500 Harvard Medical School University Anesthesiology and Critical Care Boston, MA (2 years) Medicine Foundation Pittsburgh, PA \$152,500 (2 years) \$152,500 The Johns Hopkins University, School of Medicine Baltimore, MD (31 months) \$305,000 RESEARCH & POLICY ANALYSIS (AD HOCS)

ABT Health Care Research Foundation Cambridge, MA \$416,690	New techniques for measuring demand for health care providers (for 2 years). ID#19140
A.C.N.M. Foundation, Inc.— American College of Nurse-Midwives Washington, DC \$211,256	Study on availability and cost of nurse-midwifery care (for 1.5 years). ID#18747
Alpha Center for Health Planning, Inc. Washington, DC \$757,773	Technical assistance and direction for the State Initiatives in Health Care Financing Reform (for 2 years). ID#18523

American College of Nurse-Midwives Washington, DC \$9,560	Study on the availability and cost of nurse-midwifery care in the United States (for 3 months). ID#17000		
American Enterprise Institute for Public Policy Research Washington, DC \$50,000	Study on integrating federal programs for children and families (for 2 years). ID#18742		
Brigham and Women's Hospital, Inc. Boston, MA \$126,187	Study of the impact of hospitalization on low-income uninsured adults (for 1 year). ID#18859		
University of California, Berkeley, School of Public Health Berkeley, CA \$48,762	Analysis of policy issues relating to physician supply and distribution (for 15 months). ID#18460		
Center for Health Economics Research, Inc. Waltham, MA \$437,983	Racial differences in health care utilization among Medicare enrollees (for 2 years). ID#18488		
Children's Defense Fund Washington, DC \$157,689	Survey of state Medicaid immunization policies and procedures (for 16 months). ID#18380		
Children's Hospital Medical Center of Northern California Oakland, CA \$49,998	Study of factors affecting children's access to health care (for 1 year). ID#16659		
University of Colorado Health Sciences Center Denver, CO \$41,729	Survey of student health activities of educational services agencies (for 6 months). ID#18883		
George Washington University Washington, DC \$38,442	Study of state policies encouraging MDs to provide indigent care (for 7 months). ID#18339		
Georgetown University, School of Medicine Washington, DC \$19,268	Study of link between health insurance coverage and heart disease death (for 6 months). ID#18129		
University of Iowa, College of Medicine Iowa City, IA \$196,112	Evaluation of barriers to obtaining prenatal care for Iowa women (for 3 years). ID#18410		
National Academy of Sciences— Institute of Medicine Washington, DC \$50,000	Developing indicators to monitor access problems in the United States (for 5 months). ID#18455		
National Academy of Social Insurance Washington, DC \$50,000	Study of Medicare claims processing system (for 8 months). ID#18697		
National Public Health and Hospital Institute Washington, DC \$247,797	Report on the status of public hospitals in major cities (for 1.5 years). ID#18634		

The New York Hospital— Cornell Medical Center New York, NY \$50,000	Pilot study of barriers to care for blacks and Latinos with arthritis (for 1 year). ID#18746
The People-to-People Health Foundation, Inc. Chevy Chase, MD \$114,756	Design of a 1992 RWJF national survey of access to health care (for 8 months). ID#18693
Police Executive Research Forum Washington, DC \$190,589	Program to improve police response to people with health problems (for 1.5 years). ID#14985
Public Hospital Institute San Mateo, CA \$48,746	Study of options for evaluating health care access for California's poor (for 3 months). ID#18367
University of Rochester, School of Medicine and Dentistry Rochester, NY \$1,009,214	Continuation of an urban nurse home visiting study (for 3 years). ID#17934
United Hospital Fund of New York New York, NY \$864,549	Study of barriers to primary care leading to unnecessary hospitalization (for 3 years). ID#17488
United Way of the Bay Area San Francisco, CA \$84,421	Analysis of health insurance information service for small businesses (for 1 year). ID#18828
University of Medicine and Dentistry of New Jersey—Robert Wood Johnson Medical School Piscataway, NJ \$73,537	Technical assistance to the Foundation on health statistics activities (for 1 year). ID#19353
EVALUATIONS (AD HOCS)	
Case Western Reserve University, Weatherhead School of Management Cleveland, OH \$506,722	Evaluation of the Strengthening Hospital Nursing Program—Phase II (for 4.5 years). ID#14492
COMMUNICATIONS (AD HOCS)	
Alaska Public Radio Network Anchorage, AK \$182,239	Reporting on Native American health issues (for 3 years). ID#16690
American Academy of Arts and Sciences Irvine, CA \$25,000	Symposium on medical education and health care for the poor and underserved (for 1 year). ID#17817
American Medical Association Chicago, IL \$17,700	Preparation of monographs on adolescent health (for 6 months). ID#18282
The Brookings Institution Washington, DC \$45,000	Development of a layperson's guide to health care financing reform (for 3 months). ID#18375
Community Renewal Society— Chicago Reporter Chicago, IL \$10,000	Manuscript on problems in access to health care for the poor (for 1 year). ID#18138

Health Services Foundation Chicago, IL \$50,000	Publication on private health insurance role in universal coverage (for 1 year). ID#18437			
University of Minnesota Medical School, Minneapolis Minneapolis, MN \$40,000	Dissemination of results of health survey of Native American youth (for 1 year). ID#18382			
NAACP Legal Defense and Educational Fund, Inc. New York, NY \$50,000	Conference on African-American health care advocacy (for 1 year). ID#18067			
The New York Academy of Medicine New York, NY \$20,000	Conference on child poverty and health (for 7 months). ID#18613			
Stanford University, School of Medicine Stanford, CA \$24,000	Compilation and editing of Infant Health and Development Program manuscript (for 4 months). ID#18914			
University of Wisconsin Medical School Madison, WI \$197,306	Reducing sociocultural barriers to basic medical care (for 2 years). ID#18371			
OTHER INTERVENTIONS (AD HOCS)				
American Academy of Pediatrics, Inc. Elk Grove Village, IL \$799,587	Incorporating the Healthy Children Program within the Academy of Pediatrics (for 2 years). ID#14949			
Foundation of the University of Medicine and Dentistry of New Jersey Newark, NJ \$3,000,000	Community health center facility for needy families in New Brunswick (for 2 years). ID#19383			
National Governors' Association, Center for Policy Research Washington, DC \$268,353	Forums on state health care issues (for 2 years). ID#18716			
Rand Corporation Santa Monica, CA \$621,033	Analysis of insurance coverage trends and simulation of reform options (for 2 years). ID#18712			
The Urban Institute Washington, DC \$658,393	Analysis of insurance coverage trends and simulation of reform options (for 2 years). ID#18524			
CHRONIC HEALTH CONDI	TIONS			
AIDS Arms Network Dallas, TX \$50,000	Bridge funding for the AIDS Health Services Program (for 1 month). ID#19770			
Association for Retarded Citizens, Monmouth Unit Tinton Falls, NJ \$250,032	Community-based health services for developmentally disabled adults (for 2 years). ID#17275			
Benedictine Nursing Center, Benedictine Institute for Long Term Care Mt. Angel, OR \$400,248	Strategies to decrease the use of restraints in long-term care facilities (for 3 years). ID#17311			

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Boston University School of Public Health Boston, MA \$49,626	Demonstration of managed care for people with AIDS or disabilities (for 4 months). ID#18576
Brandeis University, Florence Heller Graduate School for Advanced Studies in Social Welfare Waltham, MA \$249,860	Technical assistance and direction for the Supportive Services Program in Senior Housing (for 1 year). ID#16477
University of California, San Francisco, Institute for Health Policy Studies San Francisco, CA \$225,856	Technical assistance and direction for the AIDS Health Services Program (for 1 year). ID#17697
Cathedral Healthcare System, Inc. Newark, NJ \$518,924	Technical assistance and direction for the New Jersey Health Services Development Program (for 40 months). ID#18603
Coordinating Council for the Handicapped Child of Delaware, Inc. Dover, DE \$211,488	Development of a statewide tracking system for at-risk children (for 15 months). ID#16342
Corporation for Supportive Housing New York, NY \$4,000,000	National initiative to address housing needs of vulnerable populations (for 3 years). ID#18047
CRG Corporation Washington, DC \$49,186	Start-up funds for provider of capital financing for community agencies (for 5 months) ID#18952
The General Hospital Corporation— Massachusetts General Hospital Boston, MA \$375,381	Technical assistance and direction for the Homeless Families Program (for 1 year). ID#17479
Harvard Medical School Boston, MA \$364,181	Technical assistance and direction for the Program on Chronic Mental Illness (for 9 months). ID#16974
The Institute for Rehabilitation and Research Houston, TX \$592,963	Technical assistance and direction for Improving Service Systems for People with Disabilities (for 1 year). ID#16975
The Johns Hopkins University, Johns Hopkins Oncology Center Baltimore, MD \$50,000	Developing a network to improve care for cancer patients (for 1 year). ID#18663
Los Angeles Free Clinic Los Angeles, CA \$250,285	Pilot day health program for adults with AIDS and the frail elderly (for 2 years). ID#16970
University of Minnesota, School of Public Health Minneapolis, MN \$255,326	Technical assistance and direction for Improving Child Health Services: Removing Categorical Barriers to Care (for 1 year). ID#18804
Monmouth County Mental Health Association Red Bank, NJ \$48,000	Establishment of a special needs housing program (for 1 year). ID#18043

Dissemination of the Family Friends Program model (for 2 years). ID#17422

The National Council on the Aging, Inc.

Washington, DC

\$522,974

ovative approaches to financing and delivering supportive services to older people belive in private, publicly subsidized housing for the elderly (for 1 year). ID#12422
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istical support for Florida long-term care advisory panel (for 9 months). ID#18977
evision program on HIV case management for health care workers (for 6 months). #18027
tional AIDS update conference (for 4 months). ID#17913
nning new model programs for chronically ill Medicaid recipients (for 10 months). #19208
velopment of a study of services for people with chronic conditions (for 1 year). #19183 alth problems of chronically ill adults in board and care homes (for 21 months). #16772
hnical support for research and development in chronic health care (for 6 months). #19481
tistical methods for predicting outcomes of critical illness (for 3 years). ID#14955
dy of the feasibility of expanding the On Lok long-term care model in Massachusetts · 9 months). ID#19490
proving home environments for Alzheimer's patients (for 16 months). ID#18089
velopment of policy options on the care of orphans of the AIDS epidemic (for 2 years). #17905
alysis of state policies affecting transition to work by the disabled (for 2 years). #17480 hnical assistance and direction for the Program on the Care of Critically Ill spitalized Adults (for 20 months). ID#18255

Georgetown University, School of Medicine Washington, DC \$44,197	Developing a research strategy to improve systems of care (for 9 months). ID#18686		
Hall-Brooke Foundation Westport, CT \$40,000	Development of private-pay comprehensive services for people with chronic mental illness (for 6 months). ID#18322		
International Development Enterprises Lakewood, CO \$24,143	Study of consumer-run pharmacies for people with chronic mental illness (for 6 months) ID#18405		
The Johns Hopkins University, School of Hygiene and Public Health Baltimore, MD \$393,252	Study of the financing and structure of community mental health systems (for 2.5 years) ID#17805		
Marshfield Clinic, Marshfield Medical Research and Education Foundation Marshfield, WI \$239,163	Continued study of non-hospitalized critically ill adults (for 3 years). ID#18319		
Medlantic Research Foundation Washington, DC \$93,720	Feasibility of regional personal care attendants programs (for 9 months). ID#17800		
Mental Health Center of Dane County, Inc. Madison, WI \$49,779	Development of a study on the course of chronic mental illness in high quality treatmen systems (for 1 year). ID#19299		
University of North Carolina at Chapel Hill, School of Medicine Chapel Hill, NC \$50,000	Planning an intervention for children with neurodevelopmental dysfunction (for 1 year) ID#19142		
Pasadena Hospital Association, Ltd.— Huntington Memorial Hospital Pasadena, CA \$90,959	Feasibility of the Life-Care-at-Home model for low-income, high-risk people (for 1 year) ID#18334		
Rutgers University, Institute for Health, Health Care Policy and Aging Research New Brunswick, NJ \$899,049	Study of New York's services system for mentally ill Medicaid patients (for 4 years). ID#17998		
Vanderbilt University, School of Medicine Nashville, TN \$180,222	Research on the extent and impact of minimal hearing loss in children (for 2 years). ID $\#16692$		
Veterans Administration Medical Center, Sepulveda Sepulveda, CA \$35,353	Meta-analysis of controlled outcome studies of geriatric assessment (for 1 year). ID#17940		

KESEARCH G	POLICY A	NALYSIS (INATIONAL	PROGRAMS	0	FOUNDATION	INITIATIVE

Program on the Care of	Critically Ill
Hospitalized Adults	

National collaborative effort to enable physicians and their critically ill adult patients to determine appropriate clinical management strategies (for the periods indicated). ID#10559

Beth Israel Hospital Association

Boston, MA (43 months) \$2,775,756

Duke University Medical Center

Durham, NC (41 months) \$3,290,249

University of California, Los Angeles,

School of Medicine Los Angeles, CA (38 months) \$2,693,298

Marshfield Clinic, Marshfield Medical Research and

Education Foundation Marshfield, WI (41 months) \$2,235,419

Case Western Reserve University, School of Medicine

Cleveland, OH (3 months) \$127,846

\$49,917

MetroHealth Medical Center

Cleveland, OH (38 months) \$2,083,474

EVALUATIONS (AD HOCS)

Biomedical Research Foundation of Colorado Denver, CO \$50,000	Evaluation of one Enhancing Hospital Care of the Elderly project (for 6 months). ID#17191
Brandeis University, Florence Heller Graduate School for Advanced Studies in Social Welfare Waltham, MA \$1,173,334	Evaluation of the Mental Health Services Program for Youth—Phase III (for 3.5 years). ID#13613
University of California, San Francisco, Institute for Health and Aging San Francisco, CA \$850,485	Evaluation of Improving Service Systems for People with Disabilities (for 45 months). ID#14763
University of California, San Francisco, Institute for Health Policy Studies San Francisco, CA \$587,054	Evaluation of Improving Child Health Services: Removing Categorical Barriers to Care (for 3.5 years). ID#16641
University of Colorado Health Sciences Center Denver, CO \$1,942,307	Evaluation of alternative rehabilitation and critical dimensions of care (for 4 years). ID#18624
Hebrew Home of Greater Washington, Inc. Rockville, MD \$25,070	Study of nursing home use of drugs in patients not physically restrained (for 1 year). ID#18000
Vanderbilt University Nashville, TN \$934,354	Evaluation of the Homeless Families Program—Phase II (for 4.5 years). ID#18144
Yale University New Haven, CT	Evaluation of a needle exchange program to prevent HIV transmission (for 6 months). $ID\#19227$

COMMUNICATIONS (AD HOCS)	
AIDS Housing of Washington Seattle, WA \$120,000	Program to disseminate information on the development of AIDS housing (for 21 months) ID#17873
AIDS National Interfaith Network, Inc. Washington, DC \$40,500	Support for 50 AIDS workers to attend National Skills-Building Conference (for 2 months). ID#18924
Alzheimer's Disease and Related Disorders Association, Inc. Chicago, IL \$50,000	Preparation and distribution of a directory on state Alzheimer's programs (for 20 months). ID#18887
American National Red Cross Washington, DC \$48,000	Video on improved disaster-preparedness services for the elderly and disabled (for 1 year). ID#17891
Carmenta Foundation for Health Education, Inc. Jamaica Plain, MA \$12,000	Documentary on health care for the homeless (for 2 months). ID#15831
University of Florida Foundation, Inc. Gainesville, FL \$34,991	Forum on legal, ethical and policy issues of home care (for 8 months). ID#18296
George Washington University Washington, DC \$311,505	Continuation of AIDS policy program for state and local officials (for 2 years). ID#17743
Health Research, Inc. Albany, NY \$25,000	Publication and distribution of a New York State report on adolescents and HIV (for 8 months). ID#18656
Heather Hill, Inc. Chardon, OH \$136,575	Dissemination of a dementia nursing home model (for 1.5 years). ID#18439
Mental Health Association of Southeastern Pennsylvania Philadelphia, PA \$45,975	Using volunteer mentors to help mentally ill people gain employment (for 1 year). ID#16989
Mental Health Law Project Washington, DC \$536,296	Increasing disabled children's access to Medicaid benefits (for 2 years). ID#18134
National Rural Health Association Kansas City, MO \$86,425	Symposium to develop a coordinated health policy on rural elders (for 1 year). ID#18100
National Women's Health Network Washington, DC \$48,350	Development of regional task forces on women and AIDS (for 1 year). ID#19192
University of Washington, School of Medicine Seattle, WA \$49,846	Public education to prevent falls among the elderly by wearing safe shoes (for 1 year). ID#18169
SUBSTANCE ABUSE DEMONSTRATION (AD HOCS)	
Albuquerque Public Schools Albuquerque, NM \$812,479	Alternative high school for chemically dependent students in recovery (for 1.5 years). ID#17987

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Corporation Against Drug Abuse Washington, DC \$685,835	Establishing an Employee Assistance Program consortium for small businesses (for 3 years). ID#16480			
Hahnemann University Philadelphia, PA \$45,309	Dissemination of a model foster care program for drug-addicted infants (for 1 year). ID #18881			
Prison Match Berkeley, CA \$49,998	Addiction services for inmates and their families (for 1 year). ID#17571			
Research Foundation of the City University of New York— Hunter College New York, NY \$992,337	Reducing substance abuse and infectious disease among jail inmates (for 2 years). ID#18331			
Stop Teenage Addiction to Tobacco Springfield, MA \$1,246,889	Four-community project to reduce adolescent tobacco use (for 3 years). ID#18107			
United Way of Eastern Fairfield County, Inc. Bridgeport, CT \$622,769	Community program to reduce youth substance abuse (for 23 months). ID#14539			
The Van Ost Institute for Family Living, Inc. Englewood, NJ \$25,000	Substance abuse treatment program for the elderly (for 1 year). ID#17775			
Vanderbilt University, School of Medicine Nashville, TN \$436,320	Technical assistance and direction for the Community Initiatives to Reduce Demand for Illegal Drugs and Alcohol (for 1 year). ID#17804			
DEMONSTRATION (NATIONAL PROGRAMS &	FOUNDATION INIT	TIATIVES)		
Fighting Back: Community Initiatives to Reduce Demand for Illegal Drugs and Alcohol		nunity-wide efforts to reduce alcohol and drug abuse through public gies, prevention, early identification, and treatment interventions #13375		
The Greater Kansas City Community Kansas City, MO \$50,000	Foundation	Marshall Heights Community Development Organization Washington, DC \$50,000		
Improving the Health of Native Americans		vative programs addressing health care needs of American Indians ives (for the periods indicated). ID#11184		
Central Valley Indian Health Clovis, CA (3 years) \$306,120		Maniilaq Association Kotzebue, AK (3 years) \$304,360		
Grand Traverse Band of Ottawa and Indians of Michigan Suttons Bay, MI (3 years) \$293,080	Chippewa	Native American Community Services of Erie and Niagara Counties, Inc. Buffalo, NY (3 years) \$271,814		
Hopi Tribe of Arizona Second Mesa, AZ (2 years) \$185,416				

EDUCATION & TRAINING (AD HOCS)	
Philadelphia Mental Health Care Connection Philadelphia, PA \$166,187	Training early child care professionals serving high-risk children (for 2 years). ID#17672
RESEARCH & POLICY ANALYSIS (AD HOCS)	
Brigham and Women's Hospital, Inc. Boston, MA \$413,592	Project to address conflicts in maternal-child health policy (for 3 years). ID#18325
Community Medical Alliance Boston, MA \$44,808	Planning for program to aid community substance abuse initiatives (for 5 months). $ID\#18312$
Economic Opportunity Family Health Center, Inc. Miami, FL \$198,492	Financing model for residential treatment for pregnant addicts (for 3 years). ID#18483
George H. Gallup International Institute Princeton, NJ \$97,283	Survey of teenage attitudes and behaviors affecting tobacco use (for 1 year). ID#18299
George Washington University, Center for Health Policy Research Washington, DC \$228,354	Analysis of resources to aid drug-exposed infants and their families (for 2 years). ID#17295
Harvard University, School of Public Health Boston, MA \$98,100 and \$1,111,234	Feasibility of using mass media to prevent tobacco and alcohol use among youth (for 9 months). ID#18192 Study to identify modifiable workplace factors affecting alcohol abuse (for 3.5 years). ID#18525
Mee Productions, Inc. Philadelphia, PA \$47,000	Message research among at-risk youth (for 3 months). ID#18762
Office of the District Attorney, Kings County Brooklyn, NY \$50,000	Assessment of drug treatment alternative to prosecution (for 1 year). ID#17874
Washington University, School of Medicine Saint Louis, MO \$107,846	Review and analysis of longitudinal research on substance abuse (for 6 months). ID#18052
Yale University, School of Medicine New Haven, CT \$110,098 and \$327,000	Prospective study of infants born to cocaine-abusing mothers (for 1 year). ID#18409 Research for publication on the history of drug policy from 1960 to 1990 (for 3 years)
EVALUATIONS (AD HOCS)	ID#18219
University of Connecticut Health Center Farmington, CT \$200,093	Assessment of a community program to reduce youth substance abuse (for 2 years). ID#18119

University of Wisconsin, Center for Health Policy and Program Evaluation Madison, WI \$175,380	Evaluation of a school for students recovering from chemical dependency (for 2 years ID#18390				
COMMUNICATIONS (AD HOCS)					
Hazelden Foundation Center City, MN \$37,068	Conference to spur act ID#18017	ion on substance abuse problems by black churches (for 4 months).			
Hillsborough Educational Partnership Foundation, Inc. Tampa, FL \$303,216	Dissemination of a tea ID#18568	cher training program on high-risk children (for 2 years).			
University of Michigan Ann Arbor, MI \$49,944	Workshop to promote ID#19223	research use of substance abuse data collections (for I year).			
Western Public Radio, Inc. Belmont, MA \$148,068	Distribution of an alcohol abuse prevention radio series to United States colleges (for 9 months). ID#19141				
OTHER INTERVENTIONS (AD HOCS)					
Boston University School of Public Health Boston, MA \$1,931,002	National technical assistance project for substance abuse initiatives (for 1.5 y ID#18713				
The Center on Addiction and Substance Abuse New York, NY \$50,000	Planning support for the Center on Addiction and Substance Abuse (for 8 months). ID#19157				
COST CONTAINMENT DEMONSTRATION (NATIONAL PROGRAMS &	Foundation Initiativ	res)			
Program to Promote Long-Term Care Insurance for the Elderly		ships for the development of affordable long-term care insurance for 3 years). ID#12657			
State of Indiana State Budget Agency Indianapolis, IN \$1,263,838					
EDUCATION & TRAINING (AD HOCS)					
The Johns Hopkins University, School of Hygiene and Public Health Baltimore, MD \$289,813	Technical assistance and direction for the Faculty Fellowships in Health Care Finance Program (for 13 months). ID#17482				
EDUCATION & TRAINING (NATIONAL PROGRE	rams & Foundation 1	NITIATIVES)			
Faculty Fellowships in Health Care Finance		field experience in health care finance for university faculty (soft the periods indicated). ID#8584			
Arizona State University, College of I Tempe, AZ (1.5 years) \$15,000	Law	Columbia University, College of Physicians and Surgeons New York, NY (1 year) \$57,875			

Emory University, School of Medicine The Pennsylvania State University Atlanta, GA University Park, PA (1.5 years) (1.5 years) \$14,959 \$14,998 University of Iowa, College of Nursing Saint Louis University, School of Public Health Iowa City, IA Saint Louis, MO (1 year) (1.5 years) \$57,875 \$14,827 The Johns Hopkins University, School of Medicine University of South Carolina, College of Nursing Baltimore, MD Columbia, SC (1 year) (1.5 years) \$51,393 \$15,000 University of Nebraska Medical Center University of Washington, School of Public Health and Omaha, NE Community Medicine (1 year) Seattle, WA \$57,875 (1.5 years) \$14,934 University of North Carolina at Chapel Hill, School of Public Health Widener University School of Management Chapel Hill, NC

Chester, PA

(1 year) \$57,875

RESEARCH & POLICY ANALYSIS (AD HOCS)

(1 year) \$57,767

American Law Institute Philadelphia, PA \$159,772	Study of medical malpractice and tort law (for 2.5 years). ID#12009			
Association of Collegiate Schools of Architecture, Inc. Washington, DC \$49,868	Planning for research on cost implications of health facilities design (for 1 year). ID#18929			
Cambridge Medical Care Foundation Boston, MA \$138,672	Comparative study of health care personnel trends in the United States and Canada (for 1 year). ID#18710			
Economic and Social Research Institute Reston, VA \$590,114	Analysis of proposals for national health care reform (for 2 years). ID#18612			
National Bureau of Economic Research, Inc. Stanford, CA \$43,572 and \$34,602	Comparison of the cost of hospital care in the United States and Canada (for 1 year). ID#18053 Trends in demand and use in health services by the elderly (for 1 year). ID#18054			
Stanford University, School of Medicine Stanford, CA \$44,666	Impact of multiple contracts on hospital organization and efficiency (for 7 months). ID#19096			
Tufts University, School of Medicine Boston, MA \$199,996	Study of impact of health care financing options on costs (for 2 years). ID#18791			

The Alan Guttmacher Institute

New York, NY (2 years) \$245,799

University of North Carolina at Chapel Hill,

School of Public Health

Chapel Hill, NC (2.5 years) \$405,633

University of California, Irvine, Graduate School of Management

Irvine, CA (2 years) \$285,819

The Pittsburgh Research Institute

Pittsburgh, PA (2 years) \$569,647

Center for Health Economics Research, Inc.

Needham, MA (1.5 years) \$195,745

Rutgers University, Institute for Health, Health Care

Policy and Aging Research New Brunswick, NJ

(1.5 years) \$11,500

University of Colorado Health Sciences Center

Denver, CO (1.5 years) \$238,684

University of Southern Maine, Human Services

Development Institute

Portland, ME (33 months) \$594,100

Greater New York Hospital Foundation, Inc.

New York, NY (1.5 years) \$256,612

The Urban Institute Washington, DC

(34 months) \$696,495

Harvard Medical School

Boston, MA (4 months) \$33,598

Vanderbilt University

Nashville, TN (2.5 years) \$306,442

EVALUATIONS (NATIONAL PROGRAMS & FOUNDATION INITIATIVES)

Changes in Health Care Financing and Organization

Support for projects to examine and test how changes in the financing and organization of health services affect health care costs, quality, and access (for the periods indicated). ID#12590

Georgetown University, School of Medicine

Washington, DC (2 years) \$623,482

\$129,179

Hospital Research and Educational Trust

Chicago, IL (27 months) \$398,433

OTHER PROGRAMS

DEMONSTRATION (AD HOCS)

The Cooper Foundation Hospitalwide patient care improvement program (for 8 months). ID#18657 Haddonfield, NI \$50,000 Technical assistance for the Improving the Quality of Hospital Care Program (for 2 years). Cornell University, College of Human

Ecology

Ithaca, NY \$380,363

ID#19220

George Washington University Washington, DC

Technical assistance and direction for the Information for State Health Policy Program (for 13 months). ID#17848

7

\$310,926

4	
9	

Health Policy Fellowships Program		One-year fellowships with federal government in Washington, D.C., for faculty from academic health science centers (for 1 year). ID#4888				
University of Colorado Health Scient Denver, CO \$53,932 University of Massachusetts Medical Worcester, MA \$57,111 University of Missouri, Columbia, School of Medicine Columbia, MO \$56,250		University of Nebraska Medical Center, College of Medicine Omaha, NE \$56,250 University of Medicine and Dentistry of New Jersey— New Jersey Dental School Newark, NJ \$56,700 University of Washington, School of Medicine Seattle, WA \$53,879				
RESEARCH & POLICY ANALYSIS (AD HOCS))					
Association of American Medical Colleges Washington, DC \$45,101	Planning for a study of why physicians choose internal medicine (for 1 year). ID#17866					
Baystate Medical Center, Inc. Springfield, MA \$57,311	Technical assistance for Research and Demonstrations to Improve Long-Term and Ambulatory Care Quality (for 1 year). ID#16973					
University of Chicago, Irving B. Harris School of Public Policy Studies Chicago, IL	Risks for sexually transmitted diseases—a pilot study (for 2 years). ID#18403					

ID#17918

ID#17312

ID#18579

Research and preparation of a book on comparative health systems (for 2 years).

Interim support for a state health policy tracking project (for 3 months). ID#19061

Expansion of policy analysis of medical education reform (for 2 years). ID#18609

Analysis of data on health of children in foster care provided by family (for 1 year).

Analysis of medical injury compensation in Sweden and New Zealand (for 1 year).

Survey of young osteopathic physicians (for 3 months). ID#19166

\$859,195

Health

New York, NY \$240.000

Washington, DC \$85,000

Columbia University, School of Public

George Washington University

Georgetown University, School of Medicine Washington, DC \$32,493

Harvard University, School of Public Health

University of Maryland, School of Medicine

The Wharton School

Philadelphia, PA \$49,993

The University of Pennsylvania,

Boston, MA \$269,259

Baltimore, MD \$48,512

University of Medicine and Dentistry of New Jersey—Robert Wood Johnson Medical School Piscataway, NJ \$445,953	Preventing lead exposure in inner-city children (for 4 years). ID#18152				
Yale University, School of Medicine New Haven, CT \$19,252	Study on the establishment of patient outcomes research teams (for 7 months). ID#19355				
RESEARCH & POLICY ANALYSIS (NATIONAL)	PROGRAMS & FOUND	ATION INITIATIVES)			
Research and Demonstrations to Improve Long-Term and Ambulatory Care Quality	Initiative to stimulate the development and testing of new methods for measuring a improving the quality of patient care in long-term and ambulatory care settings (for the periods indicated). ID#13606				
Case Western Reserve University, Sch Cleveland, OH (20 months) \$428,116					
EVALUATIONS (AD HOCS)					
The General Hospital Corporation— Massachusetts General Hospital Boston, MA \$188,094	Evaluation of the Health Policy Fellowships Program (for 15 months). ID#17995				
Harvard Community Health Plan, Inc. Cambridge, MA \$246,969	Evaluation of Preparing Physicians for the Future Program—Phase I (for 1 year). ID#16640				
Mount Sinai School of Medicine of the City University of New York New York, NY \$88,766	Assessment of the Clinical Scholars Program (for 1 year). ID#18143				
COMMUNICATIONS (AD HOCS)					
American Medical Student Association Foundation Reston, VA \$27,194	National conference on financing medical education (for 9 months). ID#17884				
Center for Health Policy Development—National Academy for State Health Policy Portland, ME \$217,801	Aid for state governments in transition on health care policy issues (for 1.5 years). ID#17702				
University of Chicago, The Pritzker School of Medicine Chicago, IL \$25,000	Conference on the future of American medical education (for 6 months). ID#17864				
The Citizens' Committee on Biomedical Ethics, Inc. Summit, NJ \$50,000	Development of a statewide biomedical ethics education program (for 4 months). ID#18208				
Council of Governors' Policy Advisors Washington, DC \$30,000	Collaborative effort by states and grantmakers to improve public policy (for 1 year). ID#18958				
George Washington University Washington, DC \$2,181,979	Support for the National Health Policy Forum (for 5 years). ID#15938				

National Public Radio, Inc. Washington, DC \$2,084,259	Reporting on health care policy issues (for 5 years). ID#16404				
Recording for the Blind, Inc. Princeton, NJ \$65,000	Expansion of recorded textbook collection in the health sciences (for 1 year). ID#15486				
The Research Foundation of the State University of New York at Albany Albany, NY \$49,750	Conference series on health policy implementation (for 2 years). ID#18090				
Rutgers University New Brunswick, NJ \$43,105	Public television series on New Jersey health care issues (for 10 months). ID#18985				
Rutgers University, Center for the American Woman and Politics New Brunswick, NJ \$19,800	Policy workshop on health care issues for women state legislators (for 1 month). ID#19144				
WLIW—Long Island Public Television Plainview, NY \$28,476	Public television series on various health topics (for 3 months). ID#19019				
Women and Foundations/Corporate Philanthropy New York, NY \$13,000	Conference for grantmakers on violence against women and children (for 5 months). ID#18020				
COMMUNICATIONS (NATIONAL PROGRAMS &	FOUNDATION INITIATIVES)				
Clinical Scholars Program	Postdoctoral fellowships for young physicians to develop research skills in non-biologica disciplines relevant to medical care (for 2 years). ID#5109				
University of Washington, School of Seattle, WA \$473,123	Medicine				
OTHER INTERVENTIONS (AD HOCS)					
Catholic Charities—Diocese of Metuchen East Brunswick, NJ \$55,570	Support of an indigent health care program in New Brunswick (for 2 years). ID#17704				
Cerebral Palsy Association of Middlesex County Edison, NJ \$100,000	Facility expansion and improvement program (for 1 year). ID#18611				
Grantmakers in Health New York, NY \$1,000,000	Educational program for staff and trustees in health philanthropy (for 3 months). ID#17794				
Independent Sector Washington, DC \$500,000	Service-capacity expansion program (for 2 years). ID#19136				
The John F. Kennedy Medical Center Foundation, Inc. Edison, NJ \$131,175	Equipment for the Robert Wood Johnson Jr. Rehabilitation Institute (for 7 months). ID#18064				

Joint Commission on Accreditation of Healthcare Organizations Oakbrook Terrace, IL \$37,615	Technical assistance for the Improving the Quality of Hospital Care Program grantees (for 13 months). ID#17871				
Massachusetts Health Research Institute, Inc. Cambridge, MA \$151,803	Advisor to the Foundation on program development (for 1 year). ID#19345				
Matheny School, Inc. Peapack, NJ \$400,000	Facility renovation and improvement (for 6 months). ID#18990				
Middlesex County Recreation Council Edison, NJ \$113,350	Summer camp for children with health problems (for 1 year). ID#16977				
National Academy of Sciences— Institute of Medicine Washington, DC \$1,394,700	The Gustav O. Lienhard Award (for 11 months). ID#18257				
New Brunswick Development Corporation New Brunswick, NJ \$750,000	Redevelopment program for New Brunswick (for 1 year). ID#19457				
New Brunswick Tomorrow New Brunswick, NJ \$200,000	Program to address the human service needs of the New Brunswick (for 1 year). ID#17845	community			
Princeton Area Foundation, Inc. Princeton, NJ \$50,000	Start-up costs of a community foundation for the Princeton area (for 1 year). ID#19599				
RWJ Property Holding Corporation New Brunswick, NJ \$11,221,813	Property acquisition (for 63 months). ID#18749				
St. Vincent de Paul Society Metuchen, NJ \$48,000	Program of assistance to the indigent (for 1 year). ID#17801				
The Salvation Army New Brunswick, NJ \$90,000	Program of assistance to the indigent (for 1 year). ID#17487				
United Way of Central Jersey, Inc. Milltown, NJ \$250,000	Support for the 1991 Campaign (for 1 year). ID#17802				
United Way—Princeton Area Communities Princeton Junction, NJ \$65,000	Support for the 1991 Campaign (for 1 year). ID#17803				
	Total 1991 grants Refunds of prior years' grants net of transfers Cancellations of prior years' grants net of transfers Transfer of grants Balance unspent by original grantees Transferred to new grantees	\$126,803,945 (625,866) (2,910,174) (1,827,193) 1,827,193			
	Grants net for 1991	\$123,267,905			

BRIEF, DESCRIPTIVE PROGRAM SUMMARIES are available for selected Foundation grants. When possible, requests should include the title of the grant, the institutional recipient and the grant ID number. The information on 1991 grants is available from the above listing. Address requests to:

Communications Office The Robert Wood Johnson Foundation Post Office Box 2316 Princeton, NJ 08543-2316

Also available from the same address are non-periodic publications and/or films that describe the progress and outcomes of some of the programs assisted by the Foundation or explore areas of interest to the Foundation. Titles issued in 1991:

Challenges in Health Care: A Chartbook Perspective, 1991

Gaining Community Acceptance, by Michael Dear (one in the Foundation's Health Care Perspectives series)

Mental Health Services in the United States and England: Struggling for Change

AIDS Health Services at the Crossroads: Lessons for Community Care

In addition, the Foundation publishes Advances, a quarterly newsletter reporting on the people, programs and priorities of the Foundation. To receive Advances, send your name and address to: Editor, Advances, at the above address.

The Foundation does not charge for these materials.

EACH YEAR THE FOUNDATION'S GRANTEES report the publications and other information materials that have been produced as a direct or indirect result of their grants.

This bibliography is a sample of citations from the books, book chapters, journal articles and reports produced and reported to us by Foundation grantees. The publications are available through medical libraries and/or the publishers. We regret that copies are not available from the Foundation.

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Net grants, program contracts and a special contribution to the State of New Jersey totaled \$129,505,000. The Robert Wood Johnson Foundation funds a number of national programs involving multiyear grants to groups of grantees. Thus, the amounts awarded from year to year may differ significantly.

Program development and evaluation, administrative and investment expenses for the year came to \$15,942,000; and federal excise tax on investment income amounted to \$1,279,000, making a grand total of grant authorizations and expenditures of \$146,726,000. This total was \$17,112,000 more than gross investment income of \$129,614,000. In 1990, total grant authorizations and expenditures were \$23,715,000 less than gross revenue.

The Internal Revenue Code requires private foundations to make qualifying distributions of 5 percent of the fair market value of assets not used in carrying out the charitable purpose of the Foundation. The amounts required to be paid out for 1991 and 1990 were approximately \$164,600,000 and \$132,000,000, respectively. The excess of the payout requirement over grant authorizations and expenditures has been covered by other qualifying distributions (e.g., program related investments and building and equipment additions).

A list of investment securities held at December 31, 1991, is available upon request to the Treasurer, The Robert Wood Johnson Foundation, Post Office Box 2316, Princeton, New Jersey 08543-2316.

Andrew R. Greene

Vice President and Treasurer

andrew Greene

Report of Independent Certified Public Accountants

To the Trustees of The Robert Wood Johnson Foundation:

We have audited the accompanying statements of assets, liabilities and foundation principal of The Robert Wood Johnson Foundation (the "Foundation") as of December 31, 1991 and 1990 and the related statements of investment income, expenses, grants and changes in foundation principal for the years then ended. These financial statements are the responsibility of the 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 audits 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 Foundation at December 31, 1991 and 1990 and the investment income, expenses, grants and changes in foundation principal for the years then ended in conformity with generally accepted accounting principles.

Princeton, New Jersey January 30, 1992

Cooper + Lybanel

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Statement of Assets, Liabilities and Foundation Principal

At December 31, 1991 and 1990 (Dollars in Thousands)

	100			
	19	991	1	1990
Cash	\$	2	\$	2
Interest and dividends receivable		15,240		15,622
Federal excise tax refundable		_		1,859
Investments at market value				
(Note 2):				
Johnson & Johnson common stock	2,6	04,383	1,7	725,279
Other equity investments	1	67,934]	143,043
Fixed income investments	1,2	67,793	1,0	003,241
Program related investments		13,904		12,078
Land, building, furniture and equipment at cost,				
net of depreciation (Note 1)		12,132		13,059
	\$4,0	81,388	\$2,9	914,183
LIABILITIES AND FOUNDATION PRINCIPAL				
Liabilities:				
Accounts payable	\$	162	\$	140
Payable on pending security transactions	1	31,459		19,806
Unpaid grants (Note 1)		92,295	1	111,894
Federal excise tax payable		533		_
Deferred federal excise tax		49,181		30,052
Total liabilities	2	73,630	1	161,892
Foundation principal	3,8	07,758	2,7	752,291
	\$4,0	81,388	\$2,9	914,183

Statement of Investment Income, Expenses, Grants and Changes in Foundation Principal For the years ended December 31, 1991 and 1990.

For the years ended December 31, 1991 and 1990 (Dollars in Thousands)

	1991	1990*
Investment income:		
Dividends	\$ 38,280	\$ 37,250
Interest	91,334	80,495
	129,614	117,745
Less: Federal excise tax	1,279	1,122
Investment expense	2,060	1,856
	126,275	114,767
Expenses:		
Program development and evaluation	9,081	8,108
General administration	4,801	4,469
	13,882	12,577
Income available for grants	112,393	102,190
Less: Grants, net of refunds and cancellations	123,268	76,760
Program contracts	3,004	1,715
Contribution to State of New Jersey	3,233	
Excess (deficiency) of income over grants and expenses	(17,112)	23,715
Adjustments to Foundation principal net of related federal excise tax:		
Realized gains on sale of securities (Note 2)	142,058	166,948
Unrealized appreciation on investments	930,521	122,930
	1,072,579	289,878
Net increase in Foundation principal	1,055,467	313,593
Foundation principal, beginning of year	2,752,291	2,438,698
Foundation principal, end of year	\$3,807,758	\$2,752,291

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See notes to financial statements.

^{*}Reclassified to conform to 1991 presentation.

Notes to Financial Statements

1. Summary of Significant Accounting Policies:

Investments represent securities traded on a national securities exchange which by their nature are subject to market fluctuations. Investments are valued at the last reported sales price on the last business day of the year.

Grants are recorded as a liability in the year the grant requests are authorized by the Board of Trustees. At December 31, 1991 unpaid grants are as follows:

Amount Unpaid At December 31, 1991 (Dollars in Thousands)
\$ 586
4,394
10,767
16,087
60,461
\$ 92,295

Depreciation of \$669,492 in 1991 and \$657,044 in 1990 is calculated using the straight-line method over the estimated useful lives of the depreciable assets.

The Foundation is a private foundation under IRS Section 501(c)(3).

Deferred federal excise taxes are the result of unrealized appreciation on investments and interest and dividend income being reported for financial statement purposes in different periods than for tax purposes.

2. Investments:

The cost and market values of the investments are summarized as follows (dollars in thousands):

	1991		1990		990	
		Cost	Market Value		Cost	Market Value
Johnson & Johnson Common Stock						
22,745,700 shares in 1991 and						
24,045,700 shares in 1990	\$	108,674	\$2,604,383	\$	114,885	\$1,725,279
Other equity investments:						
Internally managed including temporary						
cash and U.S. Government instruments						
of \$61,938 and \$44,675 in 1991 and						
1990, respectively		121,421	132,449		111,883	117,179
Externally managed		26,231	35,485		25,016	25,864
Fixed income investments	_1	,206,422	1,267,793	-	992,066	1,003,241
	\$1	,462,748	\$4,040,110	\$	1,243,850	\$2,871,563

The net realized gains (losses) on sales of securities for the years ended December 31, 1991 and 1990 were as follows (dollars in thousands):

	1991	1990
Johnson & Johnson common stock	\$101,883	\$181,811
Other securities, net	40,175	(14,863)
	\$142,058	\$166,948

3. Retirement Plan:

Substantially all employees of the Foundation are covered by a retirement plan which provides for retirement benefits through the purchase of individually-owned annuities. The Foundation's policy is to fund costs incurred. Pension expense was \$790,036 and \$740,605 in 1991 and 1990, respectively.

THE FOUNDATION lost a valued counselor and friend in May 1991 with the death of Foster B. Whitlock, retired vice chairman of Johnson & Johnson. Mr. Whitlock was a trustee of the Foundation from April 1966 through April 1971 and from March 1979 through January 1991. He was elected trustee emeritus in January 1991. We are indebted to Mr. Whitlock for his loyal and distinguished service, and we already miss his leadership and dedication.

Staff changes

In late 1991, three new vice presidents were appointed to the staff of the Foundation. They are Paul S. Jellinek, PhD; Nancy J. Kaufman, RN, MS; and Lewis G. Sandy, MD.

Dr. Jellinek, a health economist, joined the Foundation staff in September 1983 and was appointed senior program officer in 1987. During his tenure at the Foundation, he has played a major role in developing the Foundation's programs in AIDS health services and prevention and the Fighting Back initiative to reduce demand for illegal drugs and alcohol. Dr. Jellinek also is active in many of the Foundation's programs in child and adolescent health, chronic care and public policy.

Ms. Kaufman comes to the Foundation from the Bureau of Community Health and Prevention in the Health Division of the Wisconsin Department of Health and Social Services, where she had served as deputy director since 1983. She earned her bachelor's degree in nursing from the University of Wisconsin and a master of science degree in administrative and preventive medicine from the University of Wisconsin School of Medicine.

Prior to joining the Foundation, Dr. Sandy was director of the Harvard Community Health Plan's health centers in Copley and Boston, Massachusetts, and was an instructor in medicine at Harvard Medical School. Dr. Sandy earned his undergraduate degree in biomedical science from the University of Michigan and his degree in medicine from the University of Michigan Medical School. He served his internship and residency at Beth Israel Hospital, Boston. Dr. Sandy also holds a

master's degree in business administration from Stanford University Graduate School of Business.

In July 1991, Catherine M. Dunham, EdD, was appointed special advisor to the president on program development. Dr. Dunham previously served as director of the Governor's Office of Human Resources in Massachusetts. Dr. Dunham received her doctorate from Clark University in Massachusetts.

In September 1991, Stuart H. Altman, PhD, was appointed special advisor to the president on issues related to cost containment and access to health care. Dr. Altman is dean of the Florence Heller Graduate School of Social Welfare at Brandeis University.

Allan R. Keith joined the Foundation as senior fixed income portfolio manager in January 1991. Prior to that time, Mr. Keith was vice president and senior fixed income portfolio manager at Alliance Capital Management in New York City. Mr. Keith earned a master's degree in business administration from the Harvard School of Business Administration.

In May 1991, Gregory S. Huning was appointed senior equity portfolio manager. Prior to joining the Foundation, Mr. Huning was vice president and director of research for Connecticut National Bank in Hartford. He received his master of science and business administration degrees from Bucknell University.

In February 1991, Rosemary McGreevy, CPA, joined the Foundation as financial officer. Prior to joining the staff, Ms. McGreevy was an auditor for Deloitte + Touche in Princeton, New Jersey. She received her bachelor's degree in accounting from Rider College.

In July 1991, Denise M. Inverso, assistant portfolio manager, was promoted to fixed income portfolio manager.

In October 1991, Stephen A. Somers, PhD, senior program officer, was promoted to associate vice president.

Also in October 1991, Robert G. Hughes, PhD, research fellow, was promoted to director of program research and senior program officer. Effective January 1, 1992, the following promotions were made: Michael Beachler, program officer, was promoted to senior program officer; and Joan K. Hollendonner, communications assistant, was promoted to associate communications officer.

In July 1991, Carolyn H. Asbury, PhD, senior program officer, left the Foundation to become deputy director for health and human services at The Pew Charitable Trusts in Philadelphia. Dr. Asbury joined the Foundation in September 1984 as a program officer.

In November 1991, Andrea I. Kabcenell, senior program officer, left the Foundation to become deputy director of the RWJF-supported program, Improving the Quality of Hospital Care, at Cornell University College of Human Ecology in Ithaca, New York. Ms. Kabcenell joined the Foundation in September 1987.

Program directors

Jack M. Colwill, MD, was appointed program director to The Generalist Physician Initiative. Dr. Colwill is chairman of the Department of Family and Community Medicine at the University of Missouri — Columbia.

William H. Foege, MD, was appointed program director to the program, All Kids Count: Establishing Immunization Monitoring and Followup Systems. Dr. Foege is executive director of The Task Force for Child Survival and Development at The Carter Center in Atlanta, Georgia.

Ruth S. Hanft, PhD, and Ira Kaufman were appointed co-program directors to the program, Information for State Health Policy. Dr. Hanft is professor in the Department of Health Services Management and Policy at The George Washington University in Washington, D.C. Mr. Kaufman is clinical associate professor in the Department of Environmental and Community Medicine at the University of Medicine and Dentistry of New Jersey — Robert Wood Johnson Medical School, Piscataway, New Jersey.

Dr. Hanft was also appointed program director to the Local Initiative Funding Partners Program.

Stephen C. Joseph, MD, was appointed program director to the program, Improving Child Health Services: Removing Categorical Barriers to Care. Dr. Joseph is dean of the School of Public Health at the University of Minnesota, Minneapolis.

Robert C. Rock, MD, was appointed program director to the program, Improving the Quality of Hospital Care. Dr. Rock is director of the Department of Laboratory Medicine at The Johns Hopkins Hospital, Baltimore, Maryland.

Judith Feder, PhD, completed her assignment as program director for data research and analysis. Dr. Feder was appointed to this position in 1986.

Ruth T. Gross, MD, completed her assignment directing the Foundation's Infant Health and Development Program. Dr. Gross was appointed to this position in 1982.

Anthony R. Kovner, PhD, completed his assignment directing the Foundation's Hospital-Based Rural Health Care Program. Dr. Kovner was appointed to this position in 1986.

Mervyn F. Silverman, MD, completed his assignment directing the Foundation's AIDS Health Services Program. Dr. Silverman was appointed to this position in 1985.

Leonard I. Stein, MD, completed his assignment directing the Foundation's Mental Health Services Development Program. Dr. Stein was appointed to this position in 1986.

Walter J. Wadlington, LLB, completed his assignment directing the Foundation's Medical Malpractice Program. Mr. Wadlington was appointed to this position in 1986.

Board activities

The Board of Trustees met five times in 1991 to conduct business, review proposals and appropriate funds. In addition, the Nominating and Compensation, Program Review, Program Monitoring, Finance and Audit Committees met as required to consider and prepare recommendations to the Board.

J. Warren Wood III Vice President, General Counsel and Secretary Sidney F. Wentz Chairman, Board of Trustees

Steven A. Schroeder, MD President

Richard C. Reynolds, MD Executive Vice President

Stuart H. Altman, PhD Special Advisor to the President

Catherine M. Dunham, EdD Special Advisor to the President

Terrance Keenan Special Program Consultan

Alan B. Cohen, ScD Vice President

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Nancy L. Barrand Senior Program Officer

Michael Beachler

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Robert G. Hughes, PhD Director of Program Research and Senior Program Officer

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Peter Goodwin Vice President for Financial Monitoring

G. Russell Henshaw, Jr. Controller

Diane W. Hancharik Director of Data Systems

Roy F. Chiorello Assistant Controller

Rosemary McGreevy Financial Officer

Floyd K. Morris, Jr. Financial Officer

William C. Imhof Chief Investment Officer

Allan R. Keith Senior Fixed Income Portfolio Manager

Gregory S. Huning Senior Equity Portfolio Manager

Denise M. Inverso Fixed Income Portfolio Manager

Karen J. Candelori Manager of Investment Department Operations

Lorraine G. Keene Investment Analyst Thomas P. Gore II Vice President for Communications

Marc S. Kaplan Senior Communications Officer

Victoria D. Weisfeld Senior Communications Officer

Vivian E. Fransen Communications Officer

Philip J. Gallagher *Librarian*

Joan K. Hollendonner Associate Communications Officer

Amy L. Mone Associate Communications Officer

J. Warren Wood III Vice President, General Counsel and Secretary

Olga Ferretti Assistant Secretary

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Lorraine Conway
Victoria Coveleski
Eileen Crea
Karen Davis
Helen Dundas
Milton Ellis
Judith Famulare
Kathryn Flatley
Anthony Freda
Linda Gabryszewski
Sandra Georgeanni
Lucille Gerrity
Helen Gerry
Charlotte Hallacher

THE ROBERT WOOD JOHNSON FOUNDATION — a private, independent philanthropy not connected with any corporation—funds projects of several kinds:

- projects that reflect an applicant's own interests.
 For such projects there are no formal application forms or deadlines because grants are made throughout the year.
- (2) projects, also investigator-initiated, that are developed in response to a Foundation Call for Proposals. The call describes the program area for which proposals are requested and specifies any necessary application steps or deadlines.
- (3) projects that are part of Foundation national programs. For these, the Foundation sets the program's goals, common elements that all projects should contain, eligibility criteria, timetables and application procedures.

Calls for Proposals are distributed widely to eligible organizations.

Institutions wishing to apply for funds not in response to a Foundation announcement are advised to submit a preliminary letter of inquiry, rather than a fully developed proposal. This minimizes the demand on the applicant's time, yet helps the Foundation staff determine whether a proposed project falls within the Foundation's current goals and interests. Such a letter should be no more than four pages long, should be written on the applicant institution's letterhead and should contain the following information about the proposed project:

- · a brief description of the problem to be addressed
- · a statement of the project's principal objectives
- a description of the proposed intervention (for research projects, the methodology)
- · the expected outcome

- the qualifications of the institution and the project's principal personnel
- a timetable for the grant, an outline or estimate of the project's budget, other planned sources of support and the amount requested from the Foundation
- · any plans for evaluation of the project's results
- any plans for communicating with the general public or targeted audiences about the project or for disseminating its results
- a plan for sustaining the project after grant funds expire, and
- the name of the primary contact person for follow-up.

Budgets and curricula vitae of key staff may be appended to the letter, as may other background information about the applicant institution, if desired.

Based on a review of these points, presented in the letter of inquiry, Foundation staff may request a full proposal. If so, instructions will be provided regarding what information to include and how to present it.

Limitations

Preference will be given to applicants that are taxexempt under Section 501(c)(3) of the Internal Revenue Code and not private foundations as defined under Section 509(a). Public agencies also are given preference. Policy guidelines established by the Foundation's Board of Trustees usually preclude support for:

ongoing general operating expenses or existing deficits

(Continued)

- endowment or capital costs, including construction, renovation or equipment
- basic biomedical research
- conferences, symposia, publications or media projects unless they are integrally related to the Foundation's program objectives or an outgrowth of one of its grant programs
- · research on unapproved drug therapies or devices
- · international programs and institutions, and
- direct support to individuals.

Preliminary letters of inquiry should be addressed to:

> Edward H. Robbins Proposal Manager The Robert Wood Johnson Foundation Post Office Box 2316 Princeton, New Jersey 08543-2316.



U.S. Route 1 & College Road East Post Office Box 2316 Princeton, New Jersey 08543-2316