



PLOUGHSHARES FUND 2002/03



Investing in  
Peace and  
Security Worldwide



**THE PLOUGHSHARES FUND** SEEKS TO PREVENT THE SPREAD AND USE OF NUCLEAR, CHEMICAL, BIOLOGICAL AND OTHER WEAPONS OF WAR AND TO PREVENT CONFLICTS THAT COULD LEAD TO THE USE OF WEAPONS OF MASS DESTRUCTION.

## TABLE OF CONTENTS

Letter from the President and Executive Director .....	2
Nuclear Weapons .....	4
Nuclear Materials .....	10
Biological and Chemical Weapons .....	14
Conventional Weapons .....	18
Conflict Prevention.....	22
The Cowles Fund .....	25
Missiles and Space .....	26
The Nuclear-Free Legacy Society .....	29
Information for Applicants.....	30
Financial Report .....	32
Conflict-of-Interest Policy .....	33
Ploughshares Council .....	34
Board of Directors, Advisors and Staff .....	36

ISABEL ALLENDE (CENTER) PRESENTS  
NAILA BOLUS AND SALLY LILIENTHAL  
WITH THE 2003 ESPIRITU AWARD  
FOR PEACE AND THE DISMANTLING  
OF ARMS ON BEHALF OF HER  
FOUNDATION.



## LETTER FROM THE PRESIDENT AND EXECUTIVE DIRECTOR

*“The way to win an  
atomic war is to make  
certain it never starts.”*

—GENERAL OMAR BRADLEY  
SPEECH TO BOSTON CHAMBER  
OF COMMERCE, 1948

*Dear Friends,*

*Forty-three years ago, President Kennedy made his ominous prediction that nuclear weapons, if left unchecked, would spread rapidly across the globe, spawning dozens of nuclear nations.*

*Today, instead of twenty-five nuclear nations, there are eight – the United States, Russia, United Kingdom, France, China, Israel, India and Pakistan – and possibly nine with the addition of North Korea. Of course that’s still too many. But President Kennedy’s determination and bold vision led ultimately to the Nuclear Non-Proliferation Treaty, an international legal regime that, combined with a comprehensive system of incentives and prohibitions, has hindered the ambitions of many would-be nuclear nations.*

*This year, however, the global non-proliferation regime came under severe strain – not only because of the renewal of North Korea’s nuclear program and revelations about Iran’s advanced nuclear capabilities, but also because of our own government’s continued, even increased, reliance on nuclear weapons. Official policy now calls for an expanded role for nuclear weapons in countering so-called rogue regimes and attacking chemical and biological targets.*

*The United States’ war with Iraq must be seen against this backdrop. It was in many ways the first test case of a new foreign policy that emphasizes military force, including pre-emption and the possible use of nuclear weapons, while eschewing diplomacy, international institutions, agreements and treaties.*

*By all accounts this policy has severely damaged U.S. leadership and credibility around the world. But it is precisely at such a time that civil society can – and should – step forward to engage with the world. At Ploughshares Fund we redoubled our commitment to organizations and individuals working in the countries that present the most profound security threats. We increased funding to policy analysts, former government officials and grassroots activists in*



*Russia who aim to secure the vulnerable nuclear, chemical and biological materials that reside there. We made targeted, strategic grants to scientists and diplomats here in the U.S. and in Northeast Asia to coax nuclear North Korea to the negotiating table. We provided seed funding to fledgling organizations and networks in South Asia to combat the scourge of small arms proliferation that fuels violence and instability in the region. And we continued to support on-the-ground efforts of several European-based organizations that are preventing or slowing the chaos and carnage in conflict-prone and conflict-torn societies.*

*In the following pages you will read about some of these countries and the remarkable people who are creating far-reaching change, often in the face of seemingly overwhelming odds. Ploughshares Fund invested a total of \$4,742,083 in their efforts – more than at any other time in our twenty-two-year history. And we continue to maximize your investment by ensuring that donors' contributions go directly to the grants we award, with nothing subtracted for administrative overhead. Operating expenses are completely paid for by the Fund's Board of Directors and a small draw from our endowment.*

*We focused on solving what we think are the world's toughest and most urgent problems – nuclear weapons, nuclear materials, chemical and biological weapons, missiles and space, conventional weapons like small arms and landmines, and conflict. In choosing where to make our investments we use the following criteria: Does the project propose an innovative approach to a significant problem? Do its leaders exhibit bold vision and have the experience necessary to promote solutions? Will it shed light on the technical, analytical or political aspects of international security in this new strategic environment? Ultimately, does the project have the potential to impact policy and lasting change?*

*Our due diligence gives donors confidence that their investments, pooled with others, will help support the smartest people with the best ideas for promoting peace and security worldwide. These are the people who offer all of us the greatest hope for progress in a world in which the connection between personal and global security is ever more evident.*

*Yours with determination,*

*Sally Lilienthal, President*

*Naila Bolus, Executive Director*



## NUCLEAR WEAPONS

Al Qaeda’s nuclear ambitions, revealed in documents recovered in Afghanistan, along with revelations about North Korea’s and Iran’s nuclear programs, elevated the nuclear danger to a new level and underscored the urgency for new approaches for stopping the spread of nuclear weapons.

*U.S. federal spending on nuclear weapons activities has grown 84% since 1995, and is now more than one-and-one-half times the average annual spending during the Cold War.*

Traditional diplomacy has proven inadequate, particularly in cases where official relations between nations are strained or, in the cases cited above, nonexistent. Much of the progress that has been made to compel countries on the nuclear threshold to reconsider their ambitions has resulted from the work of Ploughshares Fund grantees – non-ideological scientific assessments to determine the nature of the threat; high-level behind-the-scenes negotiations with leaders of key countries; and technical workshops to explore options for verifiably dismantling nuclear weapons.

But any progress to convince countries to reject the nuclear option has been undercut by our own government’s determination to increase the role of nuclear weapons in foreign and military policy. Reversing the decades-old doctrine of nuclear restraint and deterrence, the current administration has embraced the development of a new generation of more “usable” nuclear weapons that blur the distinction between conventional and nuclear munitions. Those policies, combined with the lessons of the war in Iraq, may only succeed in convincing other countries that a nuclear arsenal is necessary for their own security.

Ploughshares Fund’s most important tasks in the year ahead will be to keep the pressure on countries like North Korea and Iran, as well as to mobilize action and awareness among U.S. citizens and members of Congress to reject dangerous new nuclear weapons policies.

## N. KOREA



THE NORTH KOREAN FOREIGN MINISTRY STATES THAT PYONGYANG HAS SUCCESSFULLY COMPLETED THE REPROCESSING OF 8,000 SPENT FUEL RODS GUARANTEED TO YIELD ENOUGH PLUTONIUM FOR AROUND SIX NUCLEAR WEAPONS.

### PLOUGHSHARES FUND GRANTEE **TONY NAMKUNG**



“WE ARE FINALLY MAKING HEADWAY IN CURBING NORTH KOREA’S AGGRESSIVE BEHAVIOR WITH RESPECT TO ITS NUCLEAR WEAPONS PROGRAM.”

Whenever breakthroughs in the North Korean nuclear crisis have occurred over the past year, chances are that Tony Namkung has been involved. Following Pyongyang’s announcement that it had restarted its nuclear weapons program, Tony was on the phone or in face-to-face meetings with representatives from North Korea and the U.S., making sure that dialogue did not break down. Indeed, Tony helped arrange the first round of multilateral talks between the U.S., North Korea and China in Beijing in April 2003, and then the six-party talks in September, bringing in South Korea, Japan and Russia.

What unique professional credentials afford him such access to decisionmakers throughout the region? Tony explains that his role as an unofficial go-between occurred by chance. “Some 12 years ago, as the executive director of the Asia Society of New York, I was interviewed by CNN about the North Korean issue, a subject I now realize I knew very little about. But after hearing my answers, the North Koreans looked me up and wanted to strike up an acquaintance. One thing led to another and I began to travel to North Korea on a regular basis. Since then I’ve been there close to 25 times.” Tony now works closely with all of the governments in the region, contributing his quiet perseverance to the task of fostering a peaceful Korean peninsula free of nuclear weapons.



## NUCLEAR WEAPONS GRANTS JULY 2002 - 2003

### **Analytical Center on Non-Proliferation Obninsk, RUSSIA**

To engage Russian nuclear scientists in technical research and analysis at a new non-proliferation center in Obninsk. **\$30,000**

### **Arms Control Association Washington, DC**

For enhanced media outreach, public education and policy advocacy, as well as publication of the journal *Arms Control Today*. **\$160,000**

For general support in conjunction with the Arms Control Association's participation in the Arms Control Advocacy Collaborative. **\$3,750**

### **Atlanta WAND Atlanta, GA**

For organizational capacity building, grassroots organizing and advocacy on nuclear weapons. **\$25,000**

### **British American Security Information Council Washington, DC**

For independent research, media outreach and policy advocacy in the U.S. and Europe on nuclear and biological weapons non-proliferation and disarmament. **\$165,000**

To cover the travel expenses for two analysts to attend the PrepCom meeting of the Nuclear Non-Proliferation Treaty and to publish a briefing paper for delegates and media. **\$3,600**

### **California Peace Action Berkeley, CA**

For public education and lobbying efforts to promote a new foreign and security policy framework

based on human rights, weapons of mass destruction disarmament and strengthened international approaches.

**\$35,000**

### **Carnegie Endowment for International Peace Washington, DC**

Two grants to support the organization and implement two international non-proliferation conferences in Washington, DC and Moscow. **\$50,000**

### **Center for Arms Control and Non-Proliferation Washington, DC**

To educate Congress, the public and the media about missile defenses, nuclear non-proliferation, biological weapons, terrorism and military spending. **\$25,000**

For general support in conjunction with the Center's participation in the Arms Control Advocacy Collaborative. **\$3,750**

To support the peace and security community's annual strategic planning retreat. **\$7,870**

### **Center for Arms Control, Energy and Environmental Studies Moscow, RUSSIA**

For a Russian-English web site that provides information and analysis about the status of nuclear weapons reductions. **\$25,000**

### **Center for Defense Information Washington, DC**

To support the development of innovative media technologies to foster international dialogue on nuclear non-proliferation issues and the weaponization of space. **\$100,000 (two years)**

For general support in conjunction with the Center for Defense Information's participation in the Arms Control Advocacy Collaborative. **\$3,750**

### **Center for International Security and Cooperation Stanford, CA**

To support a series of face-to-face meetings between high-level Americans, Russians, Chinese, Indians and Pakistanis to discuss the control, safety and reduction of nuclear weapons. **\$50,000 (two years)**

*At the time this grant was made, Ploughshares Fund board member David Holloway directed the Institute for International Studies, which is affiliated with the Center. Please see Conflict-of-Interest Policy.*

### **Center for Policy Studies in Russia Moscow, RUSSIA**

To support publications, lectures and meetings with Russian legislators on a range of arms control and non-proliferation policy issues, as well as the establishment of an on-line non-proliferation Distance Learning Program. **\$50,000**

### **Center for Strategic and International Studies Washington, DC**

For policy development, travel and a series of meetings with Russian, European and American officials and experts to promote a solution to the Iranian nuclear dilemma. **\$40,000**

For a workshop in Germany aimed at educating a group of North Korean officials about methods to verifiably dismantle their uranium enrichment program. **\$14,160**



**Center for War and Peace  
Journalism  
Moscow, RUSSIA**

To provide information, training and guidance to Russian journalists focused on nuclear and international security. **\$40,000**

**Churches' Center for Theology  
and Public Policy  
Washington, DC**

For an interfaith effort to engage religious leaders and their congregants in study and action on nuclear weapons concerns. **\$60,000**

For mini-grants to support the work of ecumenical agencies in five states: Michigan, New Mexico, Georgia, Washington and Maine. **\$10,000**

**Educational Foundation  
for Nuclear Science  
Chicago, IL**

For general support of the *Bulletin of the Atomic Scientists*, the only magazine focusing on global security issues for the non-specialist public. **\$130,000**

**Educators for Social Responsibility  
(of Metropolitan New York)  
New York, NY**

For the development and expansion of nuclear weapons curricula in New York City schools, and to educate teachers and provide leadership training to high school and college students. **\$30,000**

**Federation of American Scientists  
Washington, DC**

To engage scientists in research, technical analysis and education of decisionmakers to prevent nuclear proliferation and the weaponization of space. **\$185,000**

For general support in conjunction with the Federation of American Scientists' participation in the Arms Control Advocacy Collaborative. **\$3,750**

**Fourth Freedom Forum  
Washington, DC**

For a project to promote the reduction of tactical nuclear weapons. **\$10,000**

**Friends Committee  
on National Legislation  
Washington, DC**

To provide support for a full time lobbyist to advocate for further nuclear reductions and to oppose the development of new nuclear weapons. **\$80,000 (two years)**

For general support in conjunction with the Friends Committee's participation in the Arms Control Advocacy Collaborative. **\$3,750**

**Global Security Institute  
San Francisco, CA**

To support the growth and expansion of an international network of parliamentarians who will share information and develop cooperative strategies to advance nuclear disarmament. **\$30,000**

For sponsorship of the 2003 Alan Cranston Peace Award. **\$2,500**

**Independent Media Institute  
San Francisco, CA**

To sponsor Student Pugwash's participation in the Communications Leadership Institute. **\$12,000**

**Institute for Science  
and International Security  
Washington, DC**

For technical analysis of nuclear non-proliferation issues, including tracking the development of weapons of mass destruction in proliferant states such as Iraq, Iran and North Korea. **\$75,000**

For a second workshop in Germany aimed at educating a group of North Korean officials about methods to verifiably dismantle its uranium enrichment program. **\$15,000**

**Harsh Kapoor  
Grabels, FRANCE**

To facilitate communications via the Internet among South Asian experts, activists and opinion leaders on nuclear weapons and security issues. **\$14,000**

**Hans M. Kristensen  
Richmond, CA**

Two grants to support in-depth research, including Freedom of Information Act requests, to analyze U.S. nuclear weapons policy. **\$55,000**

**Mainstream Media Project  
Arcata, CA**

For a national project to place international security experts on public and commercial talk radio programs to discuss nuclear weapons issues. **\$45,000**

**Minuteman Media  
Norwalk, CT**

To support a program to generate, edit and distribute op-eds on peace and security issues to small-circulation daily and weekly newspapers in all fifty states. **\$15,000**

**Monterey Institute  
of International Studies  
Monterey, CA**

To undertake a comparative study of the dangers posed by the major types of nuclear terrorism and of options for reducing their risks. **\$40,000**

For a strategic dialogue in Annecy, France to prepare delegates for the upcoming PrepCom meeting of the Nuclear Non-Proliferation Treaty. **\$25,000**

**K. A. Namkung  
Murray Hill, NJ**

To support behind-the-scenes diplomacy and occasional public and media engagement to encourage resolution of the nuclear crisis on the Korean peninsula. **\$50,000 (two years)**

**The Nation Institute  
New York, NY**

To support research, writing and public outreach by Jonathan Schell in his position as the Harold Willens Peace Fellow. **\$30,000 (two years)**

**Natural Resources Defense Council  
New York, NY**

For advocacy and technical analysis of U.S. plans for its nuclear arsenal as well as legal action to hold the government accountable for activities within the nuclear weapons complex. **\$50,000**

For general support in conjunction with the Natural Resources Defense Council's participation in the Arms Control Advocacy Collaborative. **\$3,750**

*Ploughshares Fund board member Patricia Sullivan is the associate director of this organization. Please see Conflict-of-Interest Policy.*

**Nautilus Institute for Security and  
Sustainable Development  
Berkeley, CA**

For research and publication of new information about the status of U.S. nuclear forces, operational doctrines and strategic policies in the Asia-Pacific region, particularly the Korean Peninsula. **\$50,000**

**Organizers' Collaborative  
Cambridge, MA**

For technical assistance to student peace and security organizations to improve the use of internet and database technology. **\$7,500**

## NUCLEAR WEAPONS GRANTS JULY 2002 - 2003

### **Physicians for Social Responsibility Washington, DC**

To support policy analysis, media advocacy and outreach to medical and public health professionals to promote nuclear non-proliferation and opposition to new nuclear weapons. **\$125,000**

For general support in conjunction with Physicians for Social Responsibility's participation in the Arms Control Advocacy Collaborative. **\$3,750**

### **Princeton University-Woodrow Wilson School of Public and International Affairs Princeton, NJ**

To support technical analysis and policy proposals for reducing the nuclear danger in South Asia by an Indian and a Pakistani physicist, and for the South Asia summer visitors program. **\$100,000 (two years)**

### **Herbert Scoville Jr. Peace Fellowship Washington, DC**

Two grants to support a fellowship program that places recent college graduates in leading arms control organizations in Washington, DC. **\$50,000**

### **Leon Sigal New York, NY**

For media outreach and Track II diplomacy aimed at devising cooperative solutions to the nuclear crisis and potential armed confrontation on the Korean Peninsula. **\$30,000**

### **Henry L. Stimson Center Washington, DC**

For the Security for a New Century series of briefings and discussions for House and Senate staff members. **\$30,000**

### **Student Pugwash USA Washington, DC**

To foster student interest in questions of war, ethics and weapons of mass destruction and to increase alumni involvement in promoting socially responsible careers. **\$30,000**

### **Tennessee Environmental Council Nashville, TN**

For the screening of "Stealing the Fire," a film about nuclear proliferation. **\$1,000**

### **Tri-Valley CAREs Livermore, CA**

For research, public education and grassroots advocacy to monitor nuclear weapons activities at the Lawrence Livermore National Laboratory. **\$40,000**

*Ploughshares Fund Program Officer Paul Carroll serves on the Board of Directors of this organization. Please see Conflict-of-Interest Policy.*

### **Union of Concerned Scientists Cambridge, MA**

For technical analysis and advocacy related to U.S. and weapons doctrine, space weapons and missile defense. **\$50,000**

For general support in conjunction with the Union of Concerned Scientists' participation in the Arms Control Advocacy Collaborative. **\$3,750**

### **Universitat Dortmund Dortmund, GERMANY**

For a research project to determine the technical feasibility of acoustic-seismic sensing of missile launches to help avoid accidental nuclear strikes due to false alarms. **\$19,500**

### **University of North Carolina, Asheville Asheville, NC**

To provide seed funding for an inaugural Non-Proliferation Summer Institute for college educators. **\$14,960**

### **Washington Physicians for Social Responsibility Seattle, WA**

For efforts to promote the medical perspective on the public health impacts of nuclear weapons, and to educate medical professionals and other concerned citizens on the dangers associated with the Hanford Nuclear Reservation. **\$20,000**

An emergency grant to a public education campaign organized around the airing of the PBS documentary "Avoiding Armageddon." **\$14,000**

### **Wisconsin Project on Nuclear Arms Control Washington, DC**

To support efforts to uncover and publicize dangerous transactions and to improve export controls in the states of the former Soviet Union and Eastern Europe. **\$35,000**

### **Women's Action for New Directions Arlington, MA**

For the Women Legislators' Lobby, which educates and mobilizes women state legislators to influence national policies on nuclear weapons and military spending. **\$45,000**

For a staff member dedicated primarily to legislative advocacy on nuclear weapons policy issues. **\$15,000**

### **Women's International League for Peace and Freedom New York, NY**

To provide support for an international civil society Strategy Summit on Disarmament and International Security held in New York. **\$10,000**

### **WorldLink TV San Rafael, CA**

For dedicated programming addressing nuclear weapons proliferation. **\$10,000**

## **SPECIAL PROJECTS**

### **Arms Control Advocacy Collaborative**

A joint project of the Ploughshares Fund and the Steven and Michele Kirsch Foundation, the Arms Control Advocacy Collaborative (AC<sup>2</sup>) brings together ten of the leading arms control organizations in Washington, DC (the Arms Control Association, British American Security Information Council, Center for Defense Information, Council for a Livable World, Federation of American Scientists, Friends Committee on National Legislation, Natural Resources Defense Council, Physicians for Social Responsibility, Union of Concerned Scientists and Women's Action for New Directions) to advance a common non-proliferation and security agenda for the coming decades through policymaker education and direct lobbying. **\$43,750**

### **Peace and Security Funders Group**

The Peace and Security Funders Group was formed in 1999 to increase communication and cooperation between and among the foundations making grants in the peace and security field, and to encourage new funders to participate. Supported by contributions from participating foundations, the Ploughshares Fund provides fiscal and administrative oversight of the project. **\$179,103**

### **See also:**

*Institute for Energy and Environmental Research, page 13.*  
*Jungmin Kang, page 13.*  
*GlobalSecurity.org, page 17.*  
*20/20 Vision, page 16.*



**PLOUGHSHARES FUND CONTRIBUTOR LYNDE UIHLEIN**



“THE PLOUGHSHARES FUND STAFF IS VERY GOOD AT KNOWING WHAT AN ORGANIZATION NEEDS TO BE SUCCESSFUL AND AT MAKING HIGH-IMPACT GRANTS.”

When Lynde Uihlein first learned about the Ploughshares Fund from a friend, she was immediately intrigued. Her own philanthropic foundation, the Brico Fund, makes grants in a broad range of areas, aiming to “change attitudes, policies, and societal patterns.”

“Peace and security are very difficult issues for people to think about, much less understand,” Lynde says. “These are matters of life and death for us all, yet it takes an extraordinary amount of time and expertise to fully grasp them.” Added to that is the difficulty knowing which individuals and organizations to support and how to gauge their effectiveness. One of Ploughshares Fund’s great strengths, she believes, is its ability to identify and fund the right people, and then determine how much support they need to do their work.

When she thinks of the range of grants Ploughshares Fund makes, from a woman tracking small arms trades in Africa to an American grantee exploring alternative energy in North Korea, Lynde admits she’s astonished. “Imagine,” she says, “that in the most closed and repressive country in the world, there’s someone building windmills and good will at the same time.”



## NUCLEAR MATERIALS

The world is awash in the material needed to fuel nuclear weapons. Any nuclear reactor produces plutonium, although most is embedded in nuclear waste and difficult to extract. Research facilities worldwide were provided with highly-enriched, bomb grade uranium during more trusting times.

*Hundreds of tons of highly-enriched uranium and separated plutonium, the essential ingredients for nuclear weapons, are dispersed around the world, yet the quantities required for a bomb are measured in kilograms, not tons.*

Ploughshares Fund grantees are challenging proliferation-prone programs and technologies around the world, while working to secure the largest and most vulnerable source of all: Russia's nuclear stockpile. We have supported scientists in Russia and the West who are working to develop and implement technical fixes, as well as Russian activist organizations that are steadily building public concern about nuclear production and security in tandem with awareness about the persistent health and environmental impacts of nuclear materials production, past, present and future. Yet even in the face of abundant evidence of the perilous state of Russian nuclear materials, Ploughshares Fund grantees must continually press Congress to allocate the funds needed to secure vulnerable nuclear sites in that country.

Here in the U.S., we are witnessing the erosion of a central tenet of non-proliferation, the so-called "bright line" that has heretofore existed between civilian and military nuclear applications. Just this year, the Watts Bar nuclear reactor in Tennessee began producing tritium for nuclear weapons, and a facility to produce a reactor fuel known as MOX – mixed plutonium and uranium oxides taken from nuclear weapons – is under construction in South Carolina. For decades, Ploughshares-funded organizations in and around affected communities have ended hazardous programs through legal environmental challenges and public education campaigns. They will continue to do so this year, focusing on alternatives to MOX fuel and working to keep the world's most dangerous materials out of the hands of terrorists.

# JAPAN



JAPAN NOW OWNS MORE PLUTONIUM THAN ANY OTHER NON-NUCLEAR WEAPON STATE, AND BY 2010 COULD HAVE AN AMOUNT EQUIVALENT TO THE U.S. MILITARY STOCKPILE. WITH HIGH ELECTRICITY NEEDS AND FEW NATURAL ENERGY RESOURCES, JAPAN HAS FOR DECADES PURSUED PLUTONIUM AS THE SOLUTION.

## PLOUGHSHARES FUND GRANTEE AILEEN MIOKO SMITH



“TO ME, THE MOST IMPORTANT IMPACT OF MY WORK IS GETTING PEOPLE TO WORK TOGETHER, CONNECTING PEOPLE BOTH WITHIN JAPAN AND INTERNATIONALLY.”

In Japan, everyone knows about Minamata, a word synonymous with industrial pollution and the horrific health effects of mercury poisoning. In the 1970s photojournalists Aileen Mioko Smith and her husband, W. Eugene Smith, spent three years in the town that gave the disaster its name, documenting its human toll and bringing the tragedy to the attention of the world. So when, years later, Aileen became aware of safety problems at Japan’s nuclear power plants, it was only natural for her to work to turn public concern – not only in Japan but internationally – into opposition to that country’s plans for a plutonium-based energy economy. Today, Japan’s MOX program is on hold, thanks in large part to Aileen’s leadership of grassroots challenges to the production, commerce and transport of plutonium, just a small amount of which is needed to fuel a nuclear bomb. “Working to stop Japan’s plutonium program has all the elements in it for me,” she says, “protecting the environment, freeing the world from the threat of nuclear proliferation, and creating a more equitable and sustainable energy policy for Japan and the world.”



## NUCLEAR MATERIALS GRANTS JULY 2002 - 2003

### **Alliance for Nuclear Accountability Seattle, WA**

To provide technical and strategic support to a network of organizations addressing environmental, health and security issues related to Department of Energy nuclear weapons production facilities. **\$45,000**

### **Center for Russian Environmental Policy Moscow, RUSSIA**

For efforts to educate the public, policymakers and other non-governmental organizations about the environmental impacts of the production, import and reprocessing of nuclear materials in Russia. **\$25,000**

### **Citizens' Center on Nuclear Non-Proliferation Krasnoyarsk, RUSSIA**

To support a public campaign opposing the production of mixed-oxide (MOX) fuel and the construction of a storage facility for spent nuclear fuel in Krasnoyarsk. **\$25,000**

### **Citizens for Environmental Justice Savannah, GA**

For public education and advocacy, particularly in communities of color, on issues related to the mixed-oxide (MOX) fuel program and other nuclear weapons and waste issues associated with the Savannah River Site. **\$25,000**

### **Citizens' Nuclear Information Center Tokyo, JAPAN**

For the final year of a three-year campaign to oppose the use, production, reprocessing and stockpiling of plutonium fuel for civilian energy production in Japan. **\$30,000**

### **Columbia Riverkeeper Bingen, WA**

To support outreach and organizing in southern Washington and in the communities along the Columbia River to oppose a nuclear waste dump at the Hanford Nuclear Reservation. **\$5,000**

### **Ecodefense! Kaliningrad, RUSSIA**

For grassroots organizing and campaigning aimed at preventing the import and reprocessing of spent nuclear fuel in Russia. **\$25,000**

### **Ecologia Middlebury, VT**

To engage grassroots activists and local government leaders in efforts to implement a sustainable economic development plan for the former Russian nuclear cities of Tomsk and Seversk. **\$35,000**

### **Environmental Media Services West Seattle, WA**

To conduct an intensive media campaign on nuclear waste issues at the Hanford Nuclear Reservation and to build the communications capacity of the Government Accountability Project. **\$15,000**

### **Georgians Against Nuclear Energy (GANE) Atlanta, GA**

To support the costs of a legal case against a consortium of nuclear companies that have applied for a license to construct a mixed-oxide (MOX) fuel fabrication facility. **\$25,000**

### **Georgians For Clean Energy Atlanta, GA**

For public education and advocacy in opposition to the proposed mixed-oxide (MOX) fuel program. **\$15,000**

### **Government Accountability Project Washington, DC**

To support efforts to defend whistleblowers at Department of Energy facilities and headquarters, and to serve as a watchdog over activities at the Hanford Nuclear Reservation. **\$30,000**

For the Hanford Issues Roundtable, a new consortium of environmental, conservation, health and security organizations addressing the environmental impacts of weapons production at the Hanford Nuclear Reservation. **\$8,000**

### **Green Action Kyoto, JAPAN**

For a grassroots campaign to oppose Japan's civil plutonium program. **\$40,000**

### **Linda Gunter Takoma Park, MD**

For communications assistance to organizations in Georgia working on nuclear non-proliferation and opposition to the mixed-oxide (MOX) fuel program. **\$9,000**

### **Heart of America Northwest Research Center Seattle, WA**

To support technical research, legal strategies, advocacy and organizing to promote a ballot initiative in Washington State prohibiting the use of the Hanford Nuclear Reservation as a national radioactive waste dump. **\$35,000**

**Initiative for Social Action and  
Renewal in Eurasia**

**Washington, DC**

To support capacity building and training for a broad range of Russian NGOs addressing nuclear safety issues at former nuclear weapons sites. **\$80,000 (two years)**

**Institute for Energy and  
Environmental Research**

**Takoma Park, MD**

For technical assistance to the community of grassroots NGOs addressing nuclear weapons issues, original analytical work on a range of weapons policy and environmental issues, and the launch of an Indian Fellows program on nuclear disarmament. **\$75,000**

**Institute for Policy Studies**

**Washington, DC**

For Bob Alvarez's work to promote technical improvements to the safety and security of fissile materials storage at sites in Russia and the United States. **\$30,000**

**Jungmin Kang**

**Seoul, SOUTH KOREA**

To support technical research, media outreach and networking with other non-governmental organizations on regional nuclear issues. **\$20,000**

**Landau Network-Centro Volta**

**Como, ITALY**

To support the development and implementation of a "road map" of pilot conversion projects for the Russian nuclear complex. **\$40,000**

**Movement for Nuclear Safety**

**Chelyabinsk, RUSSIA**

For legal research, political analysis, public education and advocacy on the dangers of spent nuclear fuel imports into Russia, the reprocessing of nuclear materials and the mixed-oxide (MOX) fuel program. **\$20,000**

**Nuclear Watch of New Mexico**

**Santa Fe, NM**

For the Weapons Watch Project to conduct research and monitor nuclear weapons activities at the Los Alamos National Laboratory. **\$40,000**

**Oak Ridge Environmental**

**Peace Alliance**

**Oak Ridge, TN**

For grassroots education and outreach to oppose expanded nuclear weapons work at the Y-12 facility. **\$25,000**

**Project on Government Oversight**

**Washington, DC**

To investigate problems with security management at both military and civilian nuclear facilities, and to recommend and advocate solutions. **\$30,000**

**Snake River Alliance**

**Pocatello, ID**

To ensure appropriate management of nuclear materials and waste at the Idaho National Environmental and Engineering Lab and to halt any programs that seek to reprocess nuclear fuel. **\$25,000**

**Socio-Ecological Union**

**Moscow, RUSSIA**

Two grants to support technical assistance to grassroots organizations in the former Soviet Union, media and policymaker education on the production of fissile materials and to promote nuclear non-proliferation policies. **\$32,000**

**Union of Concerned Scientists**

**Cambridge, MA**

To support the salary of a new senior scientist who will develop and implement strategies for reducing the threats posed by fissile materials, nuclear proliferation and nuclear terrorism. **\$60,000**

**See also:**

*Tri-Valley CAREs, page 18.*  
*Natural Resources Defense Council, page 7.*



## BIOLOGICAL AND CHEMICAL WEAPONS

As many as twenty countries are believed to possess or to be developing offensive biological and/or chemical weapons, but that number is only speculative, especially in the case of biological weapons.

*At one Russian site alone, a crumbling storage facility contains enough poison gas to kill the world's population thirty times over.*

Because the technology is so readily accessible, and because of the dual nature of biological research, the potential for a biological disaster – whether intentional or accidental – has grown more acute in the past year alone. The Ploughshares Fund is supporting an innovative process by an international network of organizations and scientific experts who are monitoring which countries are meeting their obligations under the Biological Weapons Convention, and tracking potentially dangerous developments in biotechnology.

The Chemical Weapons Convention and its verification protocol were hammered out with the cooperation of science, industry, government and, of course, non-governmental organizations supported by the Ploughshares Fund. But the major challenge remains implementing the treaty, including the destruction of existing stockpiles. Although a Ploughshares-funded initiative succeeded last year in convincing Congress to fully fund the program for destroying Russian chemical weapons, the ongoing tasks of destroying all existing stocks and reducing the risks posed by defensive programs will require technical expertise and constant vigilance.



# RUSSIA



RUSSIA HAS THE WORLD'S LARGEST STOCKPILE OF CHEMICAL AND BIOLOGICAL WEAPONS (CBW), INCLUDING SOME 40,000 TONS OF NERVE GASES AND BLISTER AGENTS, AND HUNDREDS OF TONS OF ANTHRAX, SMALLPOX AND PLAGUE. AT THE CURRENT RATE IT WILL TAKE MORE THAN 40 YEARS TO DESTROY ALL OF RUSSIA'S CBW AGENTS.

## PLOUGHSHARES FUND GRANTEE **LEONID RYABIKHIN**



"PLOUGHSHARES FUND'S SUPPORT GAVE US THE OPPORTUNITY TO INITIATE MULTILATERAL WORK IN THE CRITICAL AREAS OF BIOSECURITY AND BIOTERRORISM."

Even in the atmosphere of political and military confrontation that characterized the Cold War, Soviet scientist Leonid Ryabikhin took every advantage of opportunities to communicate and collaborate with scientists in the U.S. and other Western countries. "We knew then, as we know today, that our joint efforts are needed to solve the problems of global insecurity and nuclear weapons." In the waning days of the Soviet Union, Leonid helped establish the first non-governmental scientific organization in the country, which he now directs. Since 1990 the group has worked in close partnership with researchers from Stanford University to devise policy solutions to strategic security challenges – nuclear arms buildups, the proliferation of weapons of mass destruction and missile defenses. At their last joint meeting in Moscow, Leonid proposed a bold initiative to engage Russia's most prominent biologists in efforts to reduce the dangers posed by their country's vast biological weapons complex, and to begin to share information with international colleagues about a chapter in Cold War history that has yet to be closed.



## BIOLOGICAL AND CHEMICAL WEAPONS GRANTS JULY 2002 - 2003

### **20/20 Vision**

#### **Washington, DC**

To support grassroots education and lobbying on biological and nuclear weapons issues. **\$30,000**

### **Center for Responsible Technology Purchase, NY**

To support the Federation of American Scientists Working Group's efforts to strengthen the Biological Weapons Convention. **\$15,000**

### **Chemical and Biological Arms Control Institute Washington, DC**

For a one-day preparatory workshop in Washington, DC on the future effectiveness of the Chemical Weapons Convention. **\$35,000**

### **Committee of Scientists for Global Security and Arms Control Moscow, RUSSIA**

For a project to engage Russian biological weapons scientists in research and policy analysis on non-proliferation and biosecurity. **\$38,000**

### **Global Green USA Washington, DC**

To secure congressional funding for the Russian chemical weapons destruction program. **\$12,000**

### **Programme for Strategic and International Security Studies Geneva, SWITZERLAND**

For the BioWeapons Prevention Project, an international civil society monitoring network to track government compliance with the Biological Weapons Convention and to monitor developments in the field of biological sciences. **\$30,000**

### **Tri-Valley CAREs Livermore, CA**

For legal action to oppose a new Bio-Safety Level 3 facility at the Lawrence Livermore National Laboratory. **\$12,000**

*Ploughshares Fund program officer Paul Carroll serves on the Board of Directors of this organization. Please see Conflict-of-Interest Policy.*

### **VERTIC London, UK**

For a project to examine mechanisms for strengthening compliance with the Biological Weapons Convention. **\$50,000**

#### **See also:**

*British American Security Information Council, page 6.*



PLOUGHSHARES FUND ADVISOR **JAYANTHA DHANAPALA**



“AS A SRI LANKAN WHOSE HISTORY AND CULTURE OVER 2,500 YEARS HAVE BEEN DEEPLY INFLUENCED BY THE MESSAGE OF NON-VIOLENCE OF THE BUDDHA, AND WITH GANDHI’S EXAMPLE OF DEFEATING THE BRITISH EMPIRE THROUGH NON-VIOLENCE, I HAVE BEEN STRONGLY OPPOSED TO THE RESOLUTION OF CONFLICTS THROUGH ARMS.”

Serving for the past five years as United Nations Under-secretary-General for Disarmament Affairs (“the smallest department in the UN Secretariat”), Ambassador Dhanapala and his leadership are among the key reasons that the Nuclear Non-Proliferation Treaty was extended indefinitely in 1995, and that the treaty’s review conference in 2000 ended with an “unequivocal” pledge by the nuclear weapons states to work toward the elimination of their nuclear arsenals.

Ambassador Dhanapala stepped down from his UN post earlier this year, leaving a legacy of support for non-governmental organizations in the UN process. “They have a wealth of ideas, proposals and research findings to bring to the table. There should be no obstruction preventing this wealth from being more amply articulated.”

Now back at his home in Sri Lanka, Ambassador Dhanapala sees the challenges ahead through a different prism. “At times working in disarmament seems like a Sisyphean task. However, we have had our successes and must never be discouraged by the failures. In my own country with an ongoing peace process I am hopeful that the message of disarmament will prevail.”



## CONVENTIONAL WEAPONS

As the world focused its attention on weapons of mass destruction this year, another category of weapons that have wreaked massive carnage was virtually ignored. Those are, of course, the rifles, grenades, landmines, mortars, rockets, bombers and other weapons of war that cause millions of deaths and injuries every year.

*Small arms are produced by more than 1,135 companies in at least 98 countries. Eight million new weapons are produced every year. Nearly 60 percent of small arms are in civilian hands.*

These weapons are designated as “conventional,” yet what could be more unnatural than an arsenal of AK-47 rifles in the hands of an army of young children? This is the legacy of the estimated 500 million to one billion small arms and light weapons flooding conflict zones around the world. Lethal, cheap and durable, small arms prolong and intensify conflict and make post-conflict relief efforts and reconciliation increasingly difficult. Ploughshares Fund grants support efforts to stop weapons flows at their source, document the routes by which weapons reach their destinations and promote national and international laws to rein in weapons trafficking, including transfers of major weapons systems.

Recognizing that warfare is interconnected on a spectrum of violence with smaller wars escalating unpredictably into larger ones, Ploughshares Fund is particularly committed to supporting initiatives that address the oversupply and misuse of conventional arms in regions where the use of unconventional weapons is a threat, including South Asia and the former Soviet Union.

# PAKISTAN



PAKISTAN SERVED AS A TRANSIT POINT FOR THE \$2 BILLION WORTH OF U.S. ARMS SENT TO AFGHANISTAN DURING THE SOVIET-AFGHAN WAR OF THE 1980s. AN ESTIMATED 70% OF THESE WEAPONS REMAINED IN PAKISTAN, MAKING IT A SIGNIFICANT SOURCE FOR BLACK MARKET WEAPONS IN SOUTH ASIA.

## PLOUGHSHARES FUND GRANTEE **MUHAMMAD AMIN**



"WE ARE STRUGGLING TO EQUIP THE YOUNG GENERATION WITH EDUCATION INSTEAD OF WEAPONS."

Peshawar, Pakistan is a frontier town, capital of a tribal region where the subcontinent and Central Asia converge. Sharing a 680-mile border with Afghanistan, the region has weathered centuries of invasions, shifting boundaries and armed conflict and will, for the foreseeable future, be left to deal with the grim results – the proliferation of guns and the persistent threat of landmines. Inspired by the successes of the International Campaign to Ban Landmines (ICBL), Muhammad Amin was one of many activists to volunteer with the local ICBL affiliate which, with Ploughshares Fund support, launched an advocacy program to reduce and ultimately eliminate the scourge of landmines. His efforts did not go unnoticed. "I was encouraged by IANSA to broaden my efforts," says Muhammad, referring to the International Action Network on Small Arms. "I am now a vibrant member among IANSA's participants." Muhammad co-founded the Community Appraisal and Motivation Programme (CAMP) in 2002 with the goal of eradicating small arms from Pakistani civil society. It will be an uphill task all the way, but CAMP has already made a name for itself after its recent campaign to discourage the firing of guns into the air as a means of celebration, a longstanding but deadly tradition.



## CONVENTIONAL WEAPONS GRANTS JULY 2002 - 2003

### **Arias Foundation for Peace and Human Progress**

**San Jose, COSTA RICA**

For a public education campaign to promote a framework convention that places restrictions on the sale of conventional arms. **\$40,000**

### **Canadian Coalition for Gun Control**

**Toronto, CANADA**

To support the collection, analysis and dissemination of data regarding the national regulation of firearms in South Asia and the former Soviet Union. **\$44,277**

### **Community Appraisal and Motivation Programme**

**Peshawar, PAKISTAN**

For public education and advocacy activities on small arms proliferation in South Asia. **\$10,000**

### **Federation of American Scientists**

**Washington, DC**

For the Arms Sales Monitoring Project, which provides research and policy analysis on U.S. arms transfers to decisionmakers and non-governmental organizations. **\$40,000**

### **Fund for Peace**

**Washington, DC**

To support field investigations, litigation, media work and policy advocacy aimed at identifying and shutting down the networks of traffickers that supply the world's conflicts with small arms and light weapons. **\$30,000**

### **Georgian Committee - ICBL**

**Tbilisi, GEORGIA**

To support public education on the problem of anti-personnel landmines, and to advocate for the country's eventual accession to the Landmine Ban Treaty. **\$10,000**

### **International Action Network on Small Arms**

**London, UK**

To establish and build the capacity of a network of groups in South Asia addressing small arms issues. **\$65,402**

### **Support Center for Associations and Foundations**

**Minsk, BELARUS**

To support a regional workshop on transparency and arms reporting, and efforts to develop non-governmental advocacy on the small arms issue in Belarus and Ukraine. **\$10,000**

### **Trauma Foundation**

**San Francisco, CA**

To identify, educate and train prominent trauma surgeons and emergency physicians in South Asia to speak out on the public health sequela of small arms proliferation and to advocate for their control. **\$30,000**

### **World Policy Institute**

**New York, NY**

To conduct research, media outreach and advocacy aimed at influencing U.S. and international arms trade and defense policies. **\$40,000**



PLOUGHSHARES FUND BOARD MEMBER **EDITH WILKIE**



“I AM CONSTANTLY AMAZED BY HOW MANY OF THE PEOPLE WHO ARE MAKING THE MOST SIGNIFICANT PROGRESS ARE PLOUGHSHARES FUND GRANTEES.”

As director of Congress’ bipartisan Arms Control and Foreign Policy Caucus in the late 1970s, Edie Wilkie brought together 150 Senate and House members who wanted to play a larger role in these complex issues. “At the height of the Cold War, there were no members of Congress who considered themselves experts on the Soviet Union.” But they were hungry for information. A grant from Ploughshares Fund allowed her to create the Congressional Roundtable on U.S.-Soviet Relations and bring in scholars, historians, military commanders and corporate leaders to educate members of Congress on topics ranging from Soviet culture to economics to weapons systems. “Our program created a cadre in Congress who fundamentally understood the Soviet Union, and counter-balanced the ‘evil empire’ philosophy embraced by some at the time.”

Now a member of the Ploughshares Fund Board of Directors, Edie continues to keep her political antenna tuned to Washington, D.C. “The U.S. is at a crossroads in terms of defining our role in the world. Should we alone write the rules of world behavior, or should our allies and the United Nations be equal partners? I think Ploughshares Fund will make a difference in helping to define the wisest course.”



## CONFLICT PREVENTION

The growing number and severity of armed conflicts around the world, many involving the threatened use of weapons of mass destruction, are straining the ability of political institutions to prevent or resolve them. Nowhere has this failure been more glaring than in Iraq.

*In 2002 there were over 40 violent armed conflicts in the world. In virtually every case, the forces involved were responsible for abusing human rights and violating international humanitarian law.*

The disregard by the U.S. for multilateral diplomacy and disarray within the UN and among the international community at large have led to unnecessary bloodshed and a chaotic post-conflict transition. In the last year alone, the world has experienced the continuation of intractable conflict in the Middle East, a nuclear-armed standoff in South Asia, and civil and ethnic conflicts, fueled by the arms trade, in Africa, Latin America and Asia that are killing civilians by the thousands and impeding the economic and social development of impoverished societies.

The world's best hope for preventing and resolving strife is the existence of strong international institutions backed by the rule of law. Ploughshares Fund grants have gone to programs to build understanding about and support for the UN and its peace operations, and to on-the-ground efforts to provide early warning of incipient conflict. Recognizing the power of the media to educate on one hand, and to foment violence on the other, we have been inspired by programs that teach journalists in societies undergoing change about their responsibility to provide accurate and impartial reporting. And we are committed to a range of activities designed to keep lines of communication open across hostile borders, both through Track II negotiations and among communities of scientists and other civil society leaders working to find solutions to problems that divide them from their neighbors.



# INDIA



INDIA AND PAKISTAN HAVE COME TO THE BRINK OF WAR THREE TIMES SINCE 1990 AND EDGED TOWARD NUCLEAR WAR AT LEAST TWICE. THE DISPUTES HAVE GROWN MORE INTENSE AND MORE FREQUENT WITH TIME. A PLOUGHSHARES-FUNDED MODEL IN 2002 PROJECTED AS MANY AS 30 MILLION DEATHS IN A FULL-SCALE NUCLEAR EXCHANGE.

## PLOUGHSHARES FUND GRANTEE ILMAS FUTEHALLY



“PEOPLE NEED TO SEE WHAT CONFLICT ACTUALLY COSTS THEM ON A PERSONAL AND AT THE NATIONAL LEVELS.”

Does conflict have a price? Indian researcher Ilmas Futehally says it does, though no one is quite sure what it is. Perhaps it was her grounding in science – she was trained as a zoologist – or her early career in the corporate world that led her to conclude that there must be a demand for peace, and that “it has to be based on hard facts and figures, not just emotions. One needs to take a professional approach to the issue of wasted resources and the escalating arms race in the region.” Ploughshares Fund is helping Ilmas, now the executive director of the International Centre for Peace Initiatives, do just that – produce hard data about the real costs of conflict that will compel those with something to lose to demand an end to the strife. With a Pakistani colleague she has also illuminated ways that the press on both sides have exacerbated the conflict, and has issued a set of simple guidelines (“...Call people and groups by the names they give themselves...Look beyond official sources...”) to make sure that journalists play a constructive role in bringing peace to the region.



## CONFLICT PREVENTION GRANTS JULY 2002 - 2003

### **Americans for Democratic Action Los Angeles, CA**

For "Beyond the Battlefield: The Real Costs of War", a conference addressing the U.S. conflict in Iraq. **\$5,000**

### **Better World Fund\* Washington, DC**

To support the Henry L. Stimson Center's Future of Peace Operations project, which analyzes and promotes discussion of the U.S. role in international peace operations. **\$40,000**

### **Canadian Pugwash Group\* Toronto, CANADA**

To support the 53rd Pugwash Conference on Science and World Affairs, titled "Advancing Human Security: The Role of Technology, Ethics and Politics." **\$25,000**

### **Center for International Policy Washington, DC**

To support media outreach for the Iraq Policy Information Project. **\$15,000**

*Ploughshares Fund President Sally Lilienthal and board member Edith Wilkie serve on the Board of Directors of this organization. Please see Conflict-of-Interest Policy.*

### **Churches' Center for Theology and Public Policy Washington, DC**

For a religious conference to discuss the ethical dimensions of pre-emptive and preventive war. **\$3,000**

### **Constitution Project\* Washington, DC**

Two grants to support a bi-partisan expert investigation into the legal authority and constitutional powers for declaring and executing war. **\$52,000**

### **Educators for Social Responsibility Cambridge, MA**

For a project to design educational materials to enable teachers to respond to the war in Iraq. **\$12,000**

### **Ilmas Futehally\* Mumbai, INDIA**

To produce a series of policy papers on the costs of war between India and Pakistan, and to disseminate them to policymakers, journalists and business leaders. **\$21,000**

### **Institute for War and Peace Reporting\* London, UK**

To support education and training of local journalists in regions of conflict and transitional societies. **\$40,000**

### **International Crisis Group\* Brussels, BELGIUM**

For expanded advocacy efforts in Washington and New York aimed at promoting policy prescriptions to prevent and contain deadly conflict. **\$50,000**

### **Mainstream Media Project Arcata, CA**

To support an intensive radio-based public education campaign on the implications of and alternatives to a U.S.-led pre-emptive attack on Iraq. **\$15,000**

### **Minnesota Public Radio/American RadioWorks\* St. Paul, MN**

For the production and dissemination of a radio documentary series on war crimes and the role of international justice institutions in conflict resolution and reconciliation. **\$25,000**

### **Natural Resources Defense Council Washington, DC**

To examine the potential nuclear dimensions of a conflict in Iraq. **\$15,000**

*Ploughshares Fund board member Patricia Sullivan is the associate director of this organization. Please see Conflict-of-Interest Policy.*

### **Peaceworkers\* St. Paul, MN**

To support research and early implementation of the Nonviolent Peaceforce pilot project to dispatch volunteers to areas of conflict in order to mitigate and resolve tensions. **\$15,000**

### **Pugwash Conferences on Science and World Affairs Washington, DC**

To convene scientists, policy experts and Iranian government representatives in Teheran to address security issues in the Persian Gulf. **\$25,000**

\*A grant from the Cowles Fund.  
See page 25.



**Refugees International\***  
**Washington, DC**

For a joint project of Refugees International and Campaign for UN Reform to enhance public awareness and grassroots advocacy efforts on behalf of UN peace operations. **\$50,000**

**Philip Robertson**  
**Oakland, CA**

To support an independent journalist's on-the-ground reporting from Iraq. **\$5,000**

**Search for Common Ground**  
**Washington, DC**

For a scientific exchange between the San Francisco Exploratorium and Teheran's Zirakzadeh Science Foundation. **\$12,000**

**Union of Concerned Scientists\***  
**Cambridge, MA**

To support the 15th and 16th International Summer Symposia for young public interest scientists from around the world working on policy-oriented international security and arms control issues. **\$60,000**

**United Nations Association of the United States of America**  
**New York, NY**

For a series of roundtable discussions between policymakers, diplomats and experts to discuss the Iraq crisis. **\$9,400**

• *A grant from the Cowles Fund.*  
 See page 25.

**THE COWLES FUND**

Mary LeCron Foster, her husband George Foster and members of their family established the Cowles Fund in 1985 to support efforts to understand the underlying social causes of conflict, with emphasis on projects that seek new insights into ways of enhancing global security. More than two million dollars have since been awarded to support research, media projects and Track II dialogue, and to build a special endowment to sustain support for efforts aimed at building a deeper understanding of conflict and practical ways to resolve it.



## MISSILES AND SPACE

The U.S. is committed to beginning deployment of a missile defense system by September 2004, even though the system under development does not stand up to any serious technical, strategic or cost/benefit analysis.

*The likely future cost of the layered missile defense system envisioned by the current administration is estimated to be between \$800 billion and \$1.2 trillion.*

In conversations with members of Congress, journalists and the public, Ploughshares Fund grantees will continue to contrast the unlikelihood of a ballistic missile used to deliver a weapon of mass destruction to the U.S., with the threat a U.S. missile defense system poses to other countries' deterrent capabilities, and how they are likely to respond.

A more foreboding shift in U.S. defense policy are moves to deploy weapons in outer space. Of course, space is already considerably *militarized* with observation, intelligence and communications satellites. Since the Eisenhower Administration, the U.S. has rejected the idea of weaponizing space, but that conviction is quietly changing. New proposals are on the table to develop space-based missile defenses and weapons to strike targets on earth, as a way to "ensure U.S. military dominance" in the coming decades. Whether to deploy weapons in space may well turn out to be the most important national security debate of this decade. Ploughshares Fund's ability to fund exploratory initiatives all over the world at the early stages of this debate will be key to our ability to help preserve space as a sanctuary for exploration, communication and non-violent purposes to life on earth.

## USA



THE UNITED STATES LEADS THE WORLD IN THE MILITARY EXPLOITATION OF SPACE, WITH ABOUT 110 OPERATIONAL MILITARY-RELATED SATELLITES, COMPARED TO 40 FOR RUSSIA AND 20 FOR THE REST OF THE WORLD COMBINED, AND ACCOUNTS FOR 95 PERCENT OF GLOBAL MILITARY SPACE SPENDING.

### PLOUGHSHARES FUND GRANTEE **THERESA HITCHENS**



"THIS IS AN AREA OF PUBLIC POLICY WHERE I BELIEVE WE ACTUALLY HAVE A CHANCE TO PREVENT A DANGEROUS ARMS RACE AND A TYPE OF WARFARE THAT COULD HARM ALL OF HUMANITY."

As a child, Theresa Hitchens was as familiar with the constellations in the sky over her Ohio home as she was with the characters in *Star Trek*. Later, the opportunity to work as an intern for Senator John Glenn ("a dream come true") gave her a taste for public policy and launched her on a career path that led to the Center for Defense Information. As vice president, Theresa directs efforts to prevent the deployment of weapons in outer space. "One achievement I can honestly claim over the past year is raising awareness on Capitol Hill, where there is now some nascent, but growing concern about the current direction of U.S. policy. All the research, writing and speaking – and plain old nagging – I've been doing about the risks and costs of space weapons and missile defenses is actually beginning to pay off!" Theresa is passionate about preserving outer space for exploration and peaceful uses by future generations, one member in particular – her nine-year-old son, who says that he wants to be an astronaut.

“THE NUCLEAR WEAPON IS OBSOLETE. I WANT TO GET RID OF THEM ALL...I WANT TO GO TO ZERO, AND I’LL TELL YOU WHY: IF WE AND THE RUSSIANS CAN GO TO ZERO NUCLEAR WEAPONS, THEN THINK WHAT THAT DOES FOR US IN OUR EFFORTS TO COUNTER THE NEW WAR...THINK HOW INTOLERANT WE WILL BE OF NATIONS THAT ARE DEVELOPING NUCLEAR WEAPONS IF WE HAVE NONE. THINK OF THE HIGH MORAL GROUND WE SECURE BY HAVING NONE...IT’S KIND OF HARD FOR US TO SAY TO NORTH KOREA, ‘YOU ARE TERRIBLE PEOPLE, YOU’RE DEVELOPING NUCLEAR WEAPONS,’ WHEN WE HAVE, OH, 8,000.”

– GENERAL CHARLES HORNER, U.S. ARMY (RET.)  
FORMER COMMANDER, U.S. SPACE COMMAND, JULY 15, 1994

## MISSILES AND SPACE GRANTS JULY 2002 - 2003

### **Acronym Institute**

#### **London, UK**

To support research, the publication of papers and participation in meetings with the purpose of developing support in international political bodies for a formal prohibition on the deployment of weapons in space.

**\$40,000**

### **GlobalSecurity.org**

#### **Alexandria, VA**

For media outreach and public education on non-proliferation issues, particularly the potential deployment of weapons in space.

**\$20,000**

### **Monterey Institute of International Studies**

#### **Monterey, CA**

To support an international conference, publication of technical reports and outreach to members of Congress and UN delegates to promote new policy options regarding space threats and weaponization. **\$40,000**

### **Mike Moore**

#### **Palmyra, MO**

Two grants to cover travel expenses to participate in conferences on space weapons.

**\$3,060**

### **See also:**

*Center for Defense Information,*  
*page 6.*

*Federation of American Scientists,*  
*page 7.*

*Union of Concerned Scientists,*  
*page 8.*



## THE NUCLEAR-FREE LEGACY SOCIETY

For most of us, the goal of a nuclear weapons-free future will not be realized during our lifetimes, but we are no less determined to build a safer, more secure world for our children and future generations. In order to do so, Ploughshares Fund is building a permanent endowment capable of sustaining our efforts for as long as is necessary to achieve those goals. Thanks to a number of generous gifts, bequests and investments in Ploughshares' Pooled Income Fund, our endowment is currently valued at nearly \$20 million. We are striving to increase that amount in order to ensure Ploughshares Fund's continued ability to support the creativity and leadership needed to address the complex problems of global security in the 21<sup>st</sup> century.

The Ploughshares Fund's Nuclear-Free Legacy Society honors individuals who have made a commitment to building a world free of nuclear weapons by including the Ploughshares Fund in their estate plans. The Ploughshares Fund acknowledges and thanks the following members for their vision and generosity:

Edie Allen	Roger L. Hale and Nor Hall	Lynda Palevsky
Helene F. Belz	Julie and Parker Hall	Abraham and Camille Pollack
I. Inka Benton	Lois Crozier Hogle	In Memory and Honor of Meg Robertson
Julia Bloomfield	Wayne T. Jaquith	Harlan M. Smith
Mimi and Dick Brukenfeld	Collier C. Kimball	Margaret R. Spanel
Lewis H. Butler	Peter Kohnke	Mary B. Strauss
Owen Chamberlain	Gyongy Laky and Thomas C. Layton	Patricia Sullivan
Marguerite Craig	Sandra Lane and Robert Rubinstein	Charlotte L. Taylor
Audrey Dreyfus	Jane Langley	Marilyn L. Thomas
Martin and Lucie Dreyfuss	Sally Lilienthal	George R. Thornton
Joan and Peter Eilbott	Carole L. Mendelsohn	Martha O. Vinick
Kathryn W. Frank and James B. Blume	Mr. and Mrs. William R. Miller	Mary P. Wells
Barbara S. Green		Anonymous (6)
Elaine and Joe Gutstadt		

There are many ways to integrate gifts to the Ploughshares Fund into your personal financial plans, such as including Ploughshares in your will, contributing to our Pooled Income Fund or setting up an individual charitable trust. If you would like more information about these opportunities, Ploughshares Fund's planned giving advisor is available to help you weigh the benefits of various options, at no cost to you and in complete confidence. Please contact our office for more information.



## INFORMATION FOR APPLICANTS

The Ploughshares Fund supports organizations and individuals working to stop the spread of nuclear, biological and chemical weapons and other weapons of war, and to prevent conflicts that could lead to the use of weapons of mass destruction.

While we prefer to support specific projects, we will consider requests for general support. There are no geographic limitations on grants. We can make grants directly to individuals, and to support direct lobbying programs. We do not fund the production of films, videotapes or books, or the research or writing of academic dissertations.

If you are uncertain whether your project fits into Ploughshares Fund's areas of interest, you are encouraged to write a brief letter describing your project. We will let you know if a full proposal is appropriate.

To ensure the smooth processing of your application, please include the following information:

### Summary Page

- Organization name, address and telephone number.
- Name, address and email address (if available) of contact person.
- Contact person, address and telephone number of fiscal sponsor, if applicable.
- Project title.
- Amount requested.
- Total project and organization budgets.
- Summary description of organization and project.

### Full Proposal

Proposals should be clear and concise and contain the following information:

- Description of organization.
- Full description of project: (Proposals in which this section exceeds ten pages will not be considered.)
  - What are the objectives of the project?
  - What are the methods by which the project will be accomplished?
  - What audience(s) do you intend to reach?
  - What is the time line of the project?
  - How will you evaluate the success of the project?





- List of Board of Directors.
- List of key staff and their qualifications.
- Information and/or documentation of current or past accomplishments. (It is unnecessary to include large amounts of material; just a few examples will suffice.)
- If you are applying to renew a current grant from the Ploughshares Fund, you must include a report (no longer than three pages) on the current status of the grant. This report is not a substitute for the final report required in the original grant agreement.
- Names, telephone numbers and email addresses, if available, of three references.

### **Financial Information**

- Complete budgets for the project and the organization.
- IRS letter of determination indicating the tax status of the organization.
- Fiscal sponsor's IRS letter of determination and a letter from the fiscal sponsor agreeing to act in that role (if applicable).
- Other sources of funding and potential funding. How is your organization funded? To what other organizations have you applied or will you apply for support?

### **When to Apply**

The Ploughshares Fund Board of Directors meets four times per year. Proposals must be received two months in advance in order to be eligible for consideration at a board meeting. Specific deadline dates are listed on our website [www.ploughshares.org](http://www.ploughshares.org) or can be obtained by calling our office.

Ploughshares Fund may consider requests for emergency funding on a discretionary basis.

We accept and encourage proposals submitted by e-mail to [proposals@ploughshares.org](mailto:proposals@ploughshares.org). Please do not send multiple copies. We recognize that certain supporting materials cannot be sent by e-mail. If submitting a proposal electronically, please be sure that supporting materials – IRS letter of determination, published material, etc. – are received within five days of the proposal submission deadline.

## FINANCIAL REPORT<sup>1</sup> July 1, 2002 - June 30, 2003

### SUPPORT AND REVENUE

Unrestricted and Temporarily Restricted <sup>2</sup>	
Contributions	8,125,963
Interest and other income	26,138
Investment return designated for current operations	725,694
<b>Total</b>	<b>8,877,795</b>
Permanently restricted	
Contributions	207,914
Change in value of split-interest agreements	16,192
<b>Total</b>	<b>224,106</b>
<b>TOTAL SUPPORT AND REVENUE</b>	<b>9,101,901</b>

### EXPENSES

Program Services	
Grants from Ploughshares Fund	2,859,701
Grants from Cowles Fund	386,000
Special Projects	1,496,382
Program support	422,723
Supporting Services <sup>3</sup>	
General administration	250,753
Development	327,582
<b>TOTAL EXPENSES</b>	<b>5,743,141</b>
<b>CHANGE IN NET ASSETS</b>	<b>3,358,760</b>
<b>INVESTMENT RETURN LESS AMOUNTS DESIGNATED FOR CURRENT OPERATIONS</b>	<b>18,029</b>
<b>NET ASSETS, BEGINNING OF YEAR</b>	<b>20,125,831</b>
<b>NET ASSETS, END OF YEAR</b>	<b>23,502,620</b>

## ASSETS AND LIABILITIES Fiscal Year Ended June 30, 2003

### ASSETS<sup>4</sup>

Cash and cash equivalents	1,012,724
Promises to give	383,597
Interest receivable	42,833
Investments	23,664,668
Note from related party	161,889
Fixed assets (less accumulated depreciation and amortization)	20,977
<b>TOTAL ASSETS</b>	<b>25,286,688</b>
<b>LIABILITIES AND NET ASSETS</b>	
<b>LIABILITIES</b>	
Accounts payable and accrued expenses	63,851
Grants payable	1,629,650
Deferred revenue	90,567
<b>TOTAL LIABILITIES</b>	<b>784,068</b>
<b>NET ASSETS</b>	
Unrestricted	(855,869)
Temporarily restricted	21,846,628
Permanently restricted	2,511,861
<b>TOTAL NET ASSETS</b>	<b>23,502,620</b>
<b>TOTAL NET LIABILITIES AND NET ASSETS</b>	<b>25,286,688</b>

<sup>1</sup> A completed audited financial report is available upon request.

<sup>2</sup> Contributions to programs and administration.

<sup>3</sup> All administrative and fundraising expenses are covered by contributions from Ploughshares Fund's Board of Directors, an annual endowment draw and allocations from a few foundations.

<sup>4</sup> These assets include investments in Ploughshares' Pooled Income Fund.

“TODAY I CAN DECLARE MY HOPE AND DECLARE IT FROM THE BOTTOM OF MY HEART THAT WE WILL EVENTUALLY SEE THE TIME WHEN THAT NUMBER OF NUCLEAR WEAPONS IS DOWN TO ZERO AND THE WORLD IS A MUCH BETTER PLACE.”

– GENERAL COLIN POWELL  
JUNE 10, 1993

## CONFLICT-OF-INTEREST POLICY

The board and staff members of the Ploughshares Fund are encouraged to play active roles in their communities as board members or otherwise being involved with a wide spectrum of nonprofit organizations. This means that, from time to time, potential conflicts of interest or the appearance of such conflicts will inevitably arise. It is Ploughshares Fund’s policy to deal with such conflicts in as open and appropriate a way as possible.

Conflicting involvements include but are not limited to the following: Ploughshares Fund board or staff members serving as board members of applicant organizations, immediate family members of Ploughshares Fund board or staff members serving as board members of applicant organizations, Ploughshares Fund board or staff members or their immediate family members being employed by or doing business with applicant organizations.

In case of such conflicts or the appearance thereof, Ploughshares Fund board and staff members are expected to disclose the conflict prior to making any grant-related decisions. Once such a disclosure has been made, the remaining board members will determine whether or not there is a potential conflict of interest. Should it be so considered, the board member involved shall abstain from voting. In addition, the board or staff member involved shall not participate in the discussion of the applicant organization other than to answer specific questions that may be raised by other board members.

In cases where the Ploughshares Fund’s Board of Directors decides to award a grant to an organization and one or more of Ploughshares Fund’s board members has abstained from voting as the result of a conflict or the appearance thereof, or a staff member has a conflict or the appearance thereof, such grants and board or staff members shall be identified in Ploughshares Fund’s annual report.

## PLOUGHSHARES COUNCIL

The Ploughshares Council provides leadership and sustained support for efforts to prevent the spread and use of nuclear, chemical and biological weapons, and to promote global solutions to international security threats. Members of the Ploughshares Council are individuals and foundations that have made a significant financial commitment – at least \$1,000 annually – to building a safer, more peaceful world through their support of the Ploughshares Fund. They have access to up-to-the minute information about the latest developments in the field, and are invited to participate in high-level discussions with policymakers, activists and thinkers, discussions that help guide the work of the Ploughshares Fund.

### COUNCIL AMBASSADORS (annual gifts of \$10,000 and higher)

#### Gifts over \$100,000

Eddie Allen  
Brico Fund, Inc.  
Michael Douglas  
The Ford Foundation  
The Richard and Rhoda Goldman Fund  
Steven and Michele Kirsch Foundation  
Angela and Jeremy Foster  
Sarah and Richard Pritzlaff  
Anonymous (2)

#### Gifts of \$25,000 - \$99,000

Compton Foundation, Inc.  
The Edward T. Cone Foundation  
Julie and Parker Hall  
Sally Lilienthal  
Margaret R. Spanel  
Susan M. and Albert B. Wells  
Lucinda Watson  
Working Assets Grantmaking  
Fund of the Tides Foundation  
Anonymous (2)

#### Gifts of \$10,000 - \$24,999

Isabel Allende Foundation  
Helene F. Belz  
Frances and Benjamin Benenson  
Foundation  
Virginia Blackledge  
Kathryn W. Frank and  
James B. Blume  
Elspeth G. Bobbs  
Anthony and Gay Browne  
The Susie Thompkins Buell Fund  
of the Marin Community  
Foundation  
Sheana and Lew Butler  
John F. Cogan, Jr.  
Peggy and Reid Dennis  
Charles Denny  
Laurie T. Dewey  
Mr. and Mrs. Robert L. Estrin  
Connie Foote Family Fund of the  
Saint Paul Foundation  
Robert E. Friedman  
John C. and Chara C. Haas  
Serena M. and Francis W. Hatch  
Kate and Richard Holmstrom  
Wendy Jordan

Dena Kaye  
Collier C. Kimball  
Carolyn Kleefeld  
Bill Lynch  
Alastair Mactaggart  
George A. Miller  
Harle G. Montgomery  
Mrs. Albert Moorman  
Stewart R. Mott Charitable Trust  
Katharine Mountcastle  
The New-Land Foundation, Inc.  
Edward Rawson  
Greater Milwaukee Foundation's  
Annette J. Robertson Fund for  
World Peace, World Law and Peace  
Education  
Joan and William Matson Roth  
Ann and Michael Parker  
Walter N. Rothschild, Jr.  
Barry and Marjorie Traub Fund  
Underdog Fund of the Tides  
Foundation  
Ira D. Wallach  
Peggy and Lee Zeigler  
Anonymous (5)

### COUNCIL ENVOYS (annual gifts of \$5,000 - \$9,999)

Marcia Angle and Mark Trustin Fund  
of the Triangle  
Betty Austin  
Ayco Charitable Foundation  
Mr. and Mrs. William Gardner Brown  
The Buck Foundation  
Laurie Cohen  
Michele and Joseph Costello  
Sage and John Cowles  
Kenneth and Judy Dayton  
Wallace C. Dayton  
Quinn Delaney and Wayne Jordan  
John Densmore and Lesley Neale  
Phyllis Diebenkorn  
Sarah C. Doering  
David and Tèa Duchovny  
The Estate of Helen W. Edey  
Firedoll Foundation  
Louise and James Frankel  
Mimi Frankel  
John B. Gilpin  
Richard H. Goodwin, Jr.  
and Judith Bell  
Robert Gore  
Carolyn A. Gray

The Heart of America Fund of  
the Tides Foundation on the  
recommendation of Mark and  
Sharon Bloome  
F. Warren Hellman  
Eloise and Proctor W. Houghton  
Edward W. Hoyt  
Margaret L. Keon  
Khan-Spire Family Foundation  
Emily Kunreuther  
Wayne Lees  
Marion M. Lloyd  
Cathy Lurie  
Mactaggart Third Fund  
Nan McEvoy  
The Leo Model Foundation  
Margaret G. Molarsky Charitable  
Fund of the Marin Community  
Foundation  
Thomas B. Newman M.D., MPH  
Purple Lady Fund/Barbara J. Meislin  
Rehael Fund - Roger L. Hale/  
Eleanor L. Hall Fund of the  
Minneapolis Foundation  
Karen A. Rosmarin  
Joel and Albert Schreck  
Harlan and Margaret Smith  
Tin Man Fund  
Theodore von der Ahe, Jr. Trust  
Summer and Brooks Walker  
Mary P. Wells  
Susan M. and Albert B. Wells  
Therese Wiedmann  
Tone and Bob Woodhouse  
Anonymous (3)

### COUNCIL DIPLOMATS (annual gifts of \$1,000 - \$4,999)

Mr. and Mrs. Brent M. Abel  
Susan Adelman and Claudio Llanos  
Alfred and Alice Adler Memorial Trust  
Pat and Ronald D. Adler  
Jeanette E. Akhter  
Kathleen and Jonathan Altman  
Sandra and Ethan Alyea  
Basil Anderman  
Jola and John Anderson  
Jeanne and Robbie Anderson  
Ms. Kristin L. Anundsen  
Alan Appleford  
Elizabeth P. and Elisha Atkins  
Ayudar Foundation  
C. Minor Barringer  
Alvin H. Baum, Jr.  
Avery Beer  
Francis Beidler III  
Hans and Rose Bethe  
Lois and Jonathan Bishop  
Linda C. Black  
Roger and Nancy Boas  
Amy and Joshua Boger  
Terry Gamble Boyer  
Sandra K. Boynton  
Eugenie Rowe Bradford  
Clarita Heath Bright  
Mr. and Mrs. William Brinton  
Alice and Peter Broner  
Erika Bruck  
Allen Burry  
Margaret C. Burt  
Lucy Butler  
James Kimo Campbell  
Leo J. and Celia Carlin Fund  
Dorothy D. Ciarlo  
William K. Coblentz  
Bob Cooper  
Marguerite and Russell Cowles  
Constance Crawford

Robert and Loni Dantzer  
L. Peter Deutsch  
Rene Di Rosa  
Patricia S. Dinner  
Cindy and Jeff Dohse  
Rev. and Mrs. James K. Donnell  
Laura Donnelley-Morton and  
John Morton  
Martin and Lucie Dreyfuss  
Joan and Graham Driscoll  
Nathan M. Dunfield  
Mr. and Mrs. Wolcott B. Dunham, Jr.  
Jack Edelman  
Sue K. and Charles C. Edwards, M.D.  
Joan and Peter Eilbott  
Evelyn and Walter Haas, Jr. Fund  
Patricia Farbman  
Jennifer Litchfield and  
Peter Felsenthal  
Carolyn and Timothy Ferris  
Carol and John Field  
Veronica and Curtis Fields  
Steven and Randy Fifield  
Barbara D. Finberg  
Randi and Bob Fisher  
Barbara Foster and Larry Hendrickson  
Claire W. Frank  
Heidi Frenzel  
John Friedman  
Eleanor Friedman and  
Jonathan Cohen  
Gambs Family Foundation  
Mr. and Mrs. John T. Geocariss  
Gips Fund of the Princeton Area  
Community Foundation  
Sarah and Seth Glickenhau  
Linda G. Gochfeld, M.D.  
Dr. and Mrs. Richard H. Goodwin  
Priscilla B. Grace  
Richard and Mary L. Gray  
Marion Greene  
Sharon and William Gross  
Thomas L. Hall  
M. L. Harring  
The Ruth B. Heller Fund of the  
Tides Foundation  
Elizabeth and Carl Helmholz  
Benjamin J. Henley Jr.  
John Hirschi Donor Advised Fund  
of the Wichita Falls Area  
Community Foundation  
Charles and Sandra Hobson  
Arlene and David Holloway  
Catherine Newman Holmes and  
Stephen Holmes  
Victoria Holt  
Trish and John Hooper  
James C. Hormel  
DeWitt Hornor  
Lynn and Jeffrey Horowitz  
Ruth Hunter and Sean Daniel  
Cecelia Hurwich, Ph.D.  
Deborah Irmis  
Better World Fund  
Patricia and Franz Jahoda  
Mr. and Mrs. David L. K. Jeffrey  
Elizabeth H. Jenney  
Meg and Lawrence Kasdan  
Robert L. Katz  
Hamilton F. Kean  
William Kistler  
Candace Kling  
Dorothy Knecht  
Nancy Koven and Carter Omens  
Pamela and Marty Krasney  
Leonard Merrill Kurz  
Lee and Luis Lainer  
Dr. John Lamperti

Joan and Melvin Lane  
Bernice K. Lasker  
Elizabeth and Scott Lassar  
Laura and Gary Lauder  
Marta Jo Lawrence  
Gyongy Laky and Thomas C. Layton  
Phyllis and Richard Leaman  
Mr. and Mrs. John Leggett  
James and Susan Lenfestey  
Mr. Henry R. Lewis  
Bertram N. Linder  
Henry D. Lord  
Natalie and Francis Low  
Mari and Tom Lowe  
Stanley and Judith Lubman  
Bonnie and David MacKenzie  
Frances W. Magee  
Marjorie D. Main  
Jan and Vince Martin  
Lisille and Henry Matheson  
Laurie and John McBride  
Bill and Christney McGlashan  
Margaret and Gilbert McMaster  
Ezra and Carol Ann Mersey  
Paulette Meyer and  
David A. Friedman  
Richard and Marlene Millikan  
James and Juanita Moore  
Penelope More  
Edda K. Morrison  
Claire and Lawrence Morse  
Mary Lou and Lincoln Moses  
Victoria T. Murphy  
Ruth and Edmund Nash  
Edward F. and Carol Jean Newman  
Jeanne and Jim Newman  
Diantha Niles  
Frances C. Nyce  
Susan and Bill Oberndorf  
Vivian and Paul Olum Foundation  
Helene H. Oppenheimer  
Gilman Ordway  
Howard Oringer  
Leonard Orner  
Joan Palevsky  
Lynda Palevsky  
Christy and Yorgi Papadakis  
The Will and Julie Parish Fund of the  
Tides Foundation  
Helen Barker Pascoe  
Bruce and Vicki Pate  
Mr. Keith Patti  
Elizabeth C. Peters  
Helen and Joseph Pickering  
The Tides Foundation, advised by Ms.  
Liza Pike  
Patricia Pope  
Nancy R. Posel  
Rollin and Diane Post  
John and Sylvia Powell  
Olive Higgins Prouty Foundation, Inc.  
Frances Quarton  
Stanley Resor  
William and Eleanor Revelle  
Mr. and Mrs. Daniel T. Rodgers  
The Lucy Rogers and Larry Grant  
Fund, a fund of the Headwaters  
Fund  
Grace Roosevelt  
Nancy Stephens and Rick Rosenthal  
Frances J. Ross  
S. Murray Rust Jr.  
Prentice and Paul Sack  
Virginia Samter  
James C. Sanford  
Harriet and Alvin Saperstein  
Fannette H. Sawyer  
Nancy Bernstein and Robert Schoen

Sherwood and Mildred Schwartz  
Margo Sensenbrenner  
Andrew M. Sessler  
Suzanne and Theodore R. Seton  
Sayre P. Sheldon  
Jon Slenk  
Jane Ann J. Smith and  
Donald W. Smith  
John M. and Catherine Manz Smith  
W. Mason and Jean M. Smith  
Harriet and Edson Spencer Fund of  
The Minneapolis Foundation  
Christopher Stack, M.D.  
Polly Z. Steinway  
Mark S. Sternman  
Frances W. Stevenson  
Gordon and Elizabeth Stevenson  
Lee and Byron Stookey  
William and Lee Strang Fund of the  
Minneapolis Foundation  
Mr. and Mrs. Andrew Strauss  
Lucy Barber Stroock  
Roselyn Chroman Swig  
Elisa and Alex Taub  
Dr. Samuel T. Test  
Phyllis and Max Thelen  
Marilyn L. Thomas  
Gene Traub  
Emily Van Evera  
Martha Van Haitsma  
Mrs. Willard F. Wadt  
Louise Mead Walker-Resor through  
the George Mead, Jr. Foundation  
Mr. and Mrs. Brooks Walker, Jr.  
Eddie Kisslinger and Cathy Waterman  
Rebecca Wood Watkin  
Susan Swig Watkins  
Irene M. Weigel  
Elizabeth and Robert Weinstock  
Lois Whitman  
Searle Whitney  
Deborah T. Whitney  
Maureen Gaffney and  
Samuel Wiener, Jr.  
Patrick Wilson  
Alba Witkin  
Jan and Eddie Woods  
James H. Worth  
Robin M. Wright  
Marjorie J. Wright  
Anonymous (19)

**BEQUESTS**  
Estate of Jane de Rochemont  
Estate of Helen W. Edey  
Patricia H. Ellin's Survivor's Trust  
McCay Living Trust  
Henry Sinton, Peter Sinton and Carol  
Adler in memory of Carol Sinton

**PEACE AND SECURITY  
FUNDERS GROUP**  
Carnegie Corporation of New York  
Colombe Foundation  
Compton Foundation  
Ettinger Foundation  
Joseph Rowntree Charitable Trust  
Steve and Michele Kirsch Foundation  
Stewart Mott Foundation  
New Cycle Foundation  
Prospect Hill Foundation  
Rockefeller Brothers Fund  
Rockefeller Financial Services  
The Rockefeller Foundation  
The Scherman Foundation  
The Simons Foundation  
United Nations Foundation



## BOARD OF DIRECTORS, ADVISORS AND STAFF

### BOARD OF DIRECTORS

James B. Blume  
Lewis Butler, *Chair*  
Mary Lloyd Estrin  
Angela Foster  
Roger Hale, *Vice Chair*  
David Holloway  
Thomas C. Layton, *Secretary*  
Sally Lilienthal, *President*  
Alastair Mactaggart  
Lynda Palevsky  
Robert Rubinstein  
Patricia F. Sullivan, *Treasurer*  
Brooks Walker III  
Edith B. Wilkie  
Philip Yun

### DIRECTORS EMERITUS

Anne H. Ehrlich  
Hal Harvey  
Michael L. Parker  
William Matson Roth  
Lynde B. Uihlein

### ADVISORS

Hon. Lloyd Axworthy  
George Bunn  
General George Lee Butler  
Owen Chamberlain  
Adrian W. DeWind  
Jayantha Dhanapala  
Gloria Duffy  
Susan Eisenhower  
Leslie H. Gelb  
Hal Harvey  
The Rev. Theodore M. Hesburgh  
George F. Kennan  
Steve Kirsch  
Lawrence J. Korb  
Wolfgang K. H. Panofsky  
Admiral L. Ramdas  
Margaret R. Spanel  
Richard H. Ullman  
Frank von Hippel

### STAFF

Naila Bolus, *Executive Director*  
Deborah Bain, *Director of Development and Communications*  
Lorely Bunoan, *Executive Assistant and Grants Coordinator*  
Paul Carroll, *Program Officer*  
Heather Cunningham, *Development Associate*  
Catharine Kalin, *Finance Director*

### CREDITS

Coordinator/Editor: Deborah Bain  
Design: Artefact Design  
Archive Photos: Associated Press and Corbis Stock Photography  
Cover Photo: Students of Khyber Medical College, Peshawar



**PLOUGHSHARES FUND**  
FORT MASON CENTER  
SAN FRANCISCO, CALIFORNIA 94123

415.775.2244 [WWW.PLOUGHSHARES.ORG](http://WWW.PLOUGHSHARES.ORG)