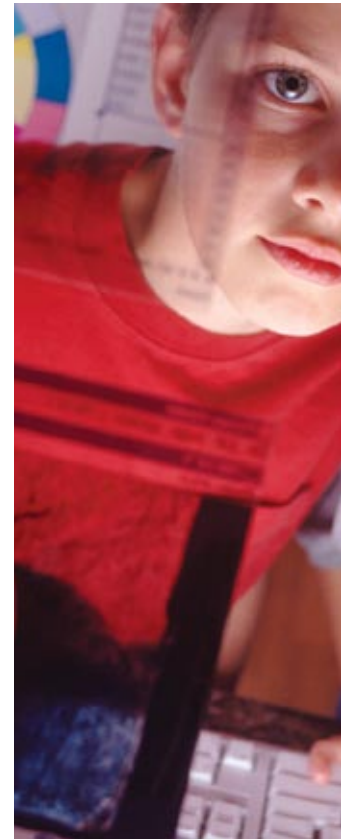


# MACARTHUR

The John D. and Catherine T. MacArthur Foundation



[www.macfound.org](http://www.macfound.org)

REPORT ON  
ACTIVITIES

'05

**About the cover:**

Technology is changing profoundly how people live, work, and learn around the world. For more information about how technology is impacting the MacArthur Foundation's grantmaking, particularly in the fields of media and education, read the President's Essay on page 5.

# The John D. and Catherine T. MacArthur Foundation

*Report on Activities 2005*

## CONTENTS

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ABOUT THE FOUNDATION 3

THE FOUNDATION AT A GLANCE 4

PRESIDENT'S ESSAY

Exploring the Possibilities of Technology 5

Select Examples of MacArthur Technology Grants 2001-2005 23

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MACARTHUR FOUNDATION REPORT ON ACTIVITIES 2005

PROGRAM ON GLOBAL SECURITY AND SUSTAINABILITY 31

*Grants Authorized* 34

Human Rights and International Justice

International Peace and Security

Conservation and Sustainable Development

Population and Reproductive Health

Higher Education

Other Grants

PROGRAM ON HUMAN AND COMMUNITY DEVELOPMENT 49

*Grants Authorized* 52

Community Change

Stable and Affordable Housing

Juvenile Justice

Education

Policy Research

Mental Health

Special Focus: Hurricane Katrina

Other Grants

GENERAL PROGRAM	61
<i>Grants Authorized</i>	64
Media	
Intellectual Property	
Arts and Culture in Chicago	
Other Grants	
MACARTHUR FELLOWS PROGRAM	69
<i>Grants Authorized</i>	72
FINANCIAL AND GRANT INFORMATION	82
FINANCIAL REVIEW	88
BOARD OF DIRECTORS	90
FOUNDATION STAFF	92
HOW TO APPLY	95
CONTACT US	96
INDEX TO GRANTS AUTHORIZED	97
APPRECIATION	100

## About the Foundation

The John D. and Catherine T. MacArthur Foundation is a private, independent grantmaking institution dedicated to helping groups and individuals foster lasting improvement in the human condition. Through the support it provides, the Foundation fosters the development of knowledge, nurtures individual creativity, strengthens institutions, helps improve public policy, and provides information to the public, primarily through support for public interest media.

With assets of \$5.5 billion and grants and program-related investments totaling approximately \$200 million annually, MacArthur is one of the nation's largest private philanthropic foundations. The Foundation believes its grantmaking is most effective when focused upon a relatively few areas of work, combined with sufficient resources over a long enough period of time to make a measurable difference.

The Foundation makes grants and loans through four programs.

*The Program on Global Security and Sustainability* focuses on international issues, including human rights and international justice, peace and security, conservation and sustainable development, higher education, migration, and population and reproductive health. MacArthur grantees work in 65 countries, and the Foundation has offices in India, Mexico, Nigeria, and Russia.

*The Program on Human and Community Development* addresses issues in the United States that include community and economic development; housing, with a focus on the preservation of affordable rental housing; juvenile justice reform; and education, with an emerging interest in how digital media impact learning.

*The General Program* supports public interest media, including public radio, television, and the production of independent documentary film. Grants are also made to arts and cultural institutions in the Chicago area and for special initiatives, currently including intellectual property rights in a digital environment.

*The MacArthur Fellows Program* awards five-year, unrestricted fellowships to individuals across all ages and fields who show exceptional merit and promise of continued creative work. It is limited to U.S. citizens and other residents of the United States.

**About the Foundation** (continued)

John D. MacArthur (1897–1978) developed and owned Bankers Life and Casualty Company and other businesses, as well as considerable property in Florida and New York. His wife Catherine (1909–1981) held positions in many of these companies and served as a director of the Foundation.

The Foundation benefits in its work from diversity at all levels of its operations. In working with other organizations and individuals, the Foundation values those who understand and share its commitment to diversity.

*For more information about the Foundation or to sign-up for our free monthly electronic newsletter, please visit [www.macfound.org](http://www.macfound.org).*

## THE FOUNDATION AT A GLANCE

<b>Grantmaking 2005</b>	GRANTS APPROVED	\$194.2 million
	NUMBER OF GRANT REQUESTS	5,250
	NUMBER OF GRANTS	440
	Grants to organizations	415
	Grants to individuals	25
	AVERAGE GRANT SIZE	\$426,000
	RANGE OF GRANTS	\$8,500 to \$12 million
	RANGE OF OPERATIONS	U.S. and 65 countries worldwide
	GRANTMAKING BY PROGRAM AREA	
	Global Security and Sustainability	\$79.8 million
Human and Community Development	\$58.2 million	
General Program	\$43.8 million	
MacArthur Fellows Program	\$12.5 million	
<b>Total Assets</b>	\$5.5 billion	
<b>Foundation Personnel</b>	UNITED STATES	149
	OVERSEAS	23

## EXPLORING THE POSSIBILITIES OF TECHNOLOGY<sup>1</sup>

Technology is bringing changes in our personal, civic, and professional lives — some welcome, some not. We have faster access to more data and can communicate more quickly with a wider audience. We are exposed to a broader range of opinion and thought, and can choose to engage with it at greater personal convenience.

But sometimes we can feel overwhelmed by the amount of information. We have questions about its accuracy. We wonder how new technology will affect institutions and decision-making processes that we trust. And we have a breathless sense that the rate of technological change may accelerate faster than our capacity to comprehend its effects.

Over the last few years, the Board and staff of the MacArthur Foundation have been exploring the implications of the digital age. We are engaged in a continuous and purposeful meditation on technological innovations and their possibilities for all the work we do.

Our working hypothesis is that the digital revolution will rank with the invention of the printing press, the telephone, and the automobile as technologies that initiated transformative moments in modern history. It will take a while to appreciate this fully and adjust to the profound impact of the digital age. And it will take concerted effort.

While it is common these days to marvel at the effects of technology on our lives, the scale and scope of the changes may be even greater than we realize. Consider these arresting data points:

- The power of computers will continue to double every two years or so into the foreseeable future.
- There are over 1 billion Internet users worldwide — a number expected to double in the next five years.
- One-third of American homes have broadband Internet access. Rates are even higher

<sup>1</sup> This essay will focus on the effects of digital technology and its use by our grantees. By “digital technology” I have in mind applications and devices made possible by the use of electronic technology that generates, stores, and processes data in bit form (that is, as a string of 0’s and 1’s). I also refer to the broad array of associated innovations that have revolutionized the way digitized data is stored, shared, processed, manipulated, and produced — computing, satellite, wireless, cellular, and fiber optic technologies, among others.

## Mapping Tropical Deforestation in Peru

[asnerlab.stanford.edu](http://asnerlab.stanford.edu)

Using technology developed in the 1970s, tropical deforestation on a gross scale has been monitored from satellites for more than 25 years. Known as Landsat analysis, these maps can reveal the widespread destruction of forested areas. Often, these disturbances are the result of a practice known as clear-cutting, the wholesale removal of trees and vegetation for agricultural purposes or cattle-ranching.



But tropical rainforests also face complex threats that are invisible to these satellite studies. Some are natural: tree mortality and regrowth, insect and pathogen outbreaks, small but intense weather events. However, others have human origins. For example, selective timber harvesting has become common throughout humid tropical forests. Sometimes it is done legally for conservation purposes, but when it is poorly managed or takes place illegally the forest structure is weakened, making tropical forests more vulnerable to large-scale disruptions like fire or high winds.

Scientist Greg Asner and his colleagues in the Carnegie Institution's Department of Global Ecology at Stanford University have developed a tool to extract better data from Landsat images. The Carnegie Landsat Analysis System (CLAS) uses automated image analysis and pattern-recognition to examine satellite photographs pixel by pixel, a scale that corresponds to parcels of land measuring about 100 square feet. Through these minute computations, the program can detect fine differences in vegetation patterns. Run on supercomputers in Asner's lab, CLAS rapidly analyzes millions of pixels in succession. When aggregated, these calculations produce a detailed map of forest conditions over large areas, provide exact damage measurements, and identify zones of special concern.

Tested in the Brazilian Amazon, CLAS showed that traditional remote sensing methods miss 50 to 80 percent of damage resulting from "diffuse" disturbances like unmanaged timber harvests. Forests that appeared intact turn out to be in great danger. Information produced with CLAS has forced scientists to double their estimates of Brazil's already alarming deforestation rate. With MacArthur support, Asner and his colleagues are speeding up the processing time, refining the analysis of satellite imagery, and developing simplified desk- and laptop versions for regulators and researchers. The Carnegie team will test the improved CLAS in a swath of Peruvian rainforest, but the tool will enhance forest management worldwide.



*“We want to know more about the influence of technology on the way people make judgments, interact, and form communities.”*

elsewhere: half of Japanese households and two-thirds of South Korean homes have broadband, at more than ten times the speed of the average U.S. connection.

- There are over 75 million sites on the World Wide Web; 17.5 million new websites were created in 2005.
- There are over 30 million active blogs worldwide; some 75,000 more are added each day.
- In 2002, more than five exabytes of information were produced throughout the world — the equivalent of 37,000 Libraries of Congress.
- There are nearly 2 billion cell-phone users worldwide, which means that almost one-third of the global population has a mobile phone.

The purpose of this essay is to describe how the MacArthur Foundation is approaching the challenges posed by these changes. We

are especially interested in the effects that digital technologies are having on the way people think, learn, acquire, and evaluate information they need. We want to know more about the influence of technology on the way people make judgments, interact, and form communities. And we want to understand how these technologies affect the way all of us understand and exercise democratic rights and responsibilities. The answers to these questions have important implications for most MacArthur programs, but especially for two areas of work where we have been active for decades: education and the media.<sup>2</sup>

The Foundation is also examining how digital and other technologies can advance its program strategies, whether building healthy urban communities in the United States, protecting the environment in Peru, or advancing human rights in Africa. Quite deliberately, we have been supporting individuals, organizations, and institutions that are using new technology to improve the quality, scope, and impact of their work.

<sup>2</sup>While I will focus on education and media in this essay, I could have chosen other initiatives to highlight: our efforts addressing intellectual property and the public domain; our work exploring the credibility of information on the Internet; or our efforts to expand the use of digital technology at Nigerian universities, for example.

Here are some characteristics of this new age that have relevance for us.

1.) Information flows more freely from diverse sources and remote places. We need help in judging its credibility and finding the knowledge we seek.

2.) The new age requires multiple forms of intelligence: visual literacy and critical thinking are more important than ever.

3.) The volume and variety of information available puts a premium on the human capacity to synthesize and juggle multiple tasks.

4.) People now learn more by doing — and from each other — than previously. Today's students expect more interaction, experimentation, and exchange. Our schools and universities, teachers and professors, must be prepared to meet these expectations.

5.) Traditional norms, personal identity, and accepted political units do not always carry into cyberspace, raising questions about social interaction, trust and governance, accuracy and value. We expect choices that are not always mediated by an acknowledged authority or institution.

6.) While our capacity to communicate has increased exponentially, having the ability to individualize our news experiences may narrow, rather than broaden, exposure to diverse ideas.

In this essay, I will describe how MacArthur's approach to major programs in education and media is being recast. Then I will discuss how technology is advancing existing strategies across the full spectrum of MacArthur's work worldwide, offering examples from our programs in the environment, population and reproductive health, and urban revitalization, among others.

#### **DIGITAL MEDIA, LEARNING, AND EDUCATION**

The most dramatic break with MacArthur's past comes in the field of education. Like many other foundations, MacArthur has invested heavily in efforts to reform public school systems as we know them. That remains a worthy objective and the Foundation will continue to work with the Chicago Public Schools as part of a comprehensive effort to revitalize neighborhoods in our hometown. Going forward, however, MacArthur's major focus in

*“On a typical day, more than half of U.S. teenagers use a computer and more than 40 percent play a video game.”*

education will be called Digital Media, Learning, and Education.<sup>3</sup>

We assume that young people are acquiring knowledge, analytical skills, and values during their use of digital media outside of school. About 83 percent of young people between the ages of 8 and 18 play video games regularly, and 72 percent use instant messaging. On a typical day, more than half of U.S. teenagers use a computer and more than 40 percent play a video game. Using websites like MySpace and Xanga, young people are sharing photos, videos, music, ideas, and opinions online, connecting with a large group of peers in new and sometimes unexpected ways.

We want to understand these phenomena better. What are the effects of digital media on how young people learn? What are the implications for education and other cultural and social institutions?

We begin with a hypothesis to be tested: *Digital media has advanced significantly in recent years and enables new forms of knowledge production, social networking, communication, and play. Through digital media, young people are engaged in an unprecedented exploration of language, games, social interaction, and self-directed education that supports learning. They are different as a result of this exposure to and experience with digital media and these differences are reflected in their judgment, sense of self, how they express their independence and creativity, and in their ability to think systematically.*<sup>4</sup>

The aim of MacArthur’s new initiative in digital education is two-fold. First, we want to explore how young people are actually incorporating digital media in their daily lives and to gauge the effects. Second, we want to help them navigate, judge, and learn to use digital information and tools — in school and beyond.

<sup>3</sup> John Seely Brown has been a member of MacArthur’s Board since 2000. His work and writings have stimulated much of this thinking. For this essay, I draw on his speech at the 1999 Conference on Higher Education of the American Association for Higher Education, “Learning, Working & Playing in the Digital Age,” and his article, “Growing Up Digital: How the Web Changes Work, Education, and the Ways People Learn,” *Change*, March/April 2000, pp. 10–20.

<sup>4</sup> Connie Yowell and Julia Stasch, “Proposed Grantmaking in Digital Media, Learning, and Education.” Prepared for the June 2005 Meeting of the Board of Trustees of the John D. and Catherine T. MacArthur Foundation, p. 1.

Although decent information exists about the number of young people using technology, much less is known about how they are using it, how they think about it, and what it means to them. To help fill these gaps in our knowledge, MacArthur is funding several research projects.

A large-scale ethnography of young people is under way at the School of Information Management and Systems at the University of California Berkeley and the Annenberg Center for Communications at the University of Southern California. The study will provide a broad portrait of the digital generation: technology's influence on their social networks and peer groups, their family life, how they play, and how they look for information. A companion grant to the Institute for Civic Leadership at Mills College funds an examination of civic commitments and engagements. Little is currently known about whether, when, or how digital media influences young people's civic identities. Does participation in virtual communities lead to broader civic and political activity, or do such communities divert young people from engaging in public life? Together, these projects represent the most significant, coordinated attempts yet made to explore the influence of digital media on youth.

We expect this data to shape a full agenda of future research. What is the role of video gaming and play in learning? What are the unintended consequences of using digital media? How do young people judge the credibility of information? How do digital media influence national citizenship and global awareness? What effect does using digital media have on individual identity and on notions of race and ethnicity? The MacArthur Series in Digital Media — run jointly by the New Media Consortium and the Monterey Institute for Technology and Education — will help build the field of digital education by publishing edited volumes in print and electronic form on these questions, and by hosting conferences and online events.

We already know that one of the most important challenges is how to help young people learn to evaluate information they obtain online or through other forms of media. Research MacArthur funded at the American Library Association shows that young people most often judge a website's information by the quality of its design and the speed of its response. Even well-educated adults often neglect to ask key questions about the source of information and its accuracy, when it was produced, if it

## Amassing Evidence of Human Rights Abuses

[www.benetech.org](http://www.benetech.org)

Gathering local evidence, creating a database of abuses, and analyzing patterns that may reveal genocide or gross violations of human rights is challenging and dangerous work. Much of the data gathered by grassroots human rights groups is lost to confiscation, destruction, or neglect, making it difficult or impossible for prosecutors, truth commissions, and others to use that information as evidence.



With funding from MacArthur, new file-sharing and data analysis technologies developed by Beneficent Technology (Benetech) in Palo Alto, California, are helping human rights organizations around the world improve their work and protect it from interference or seizure. *Martus* is a scattered-site, secure database developed by Benetech that allows groups to collect information, encrypt it, and store it on servers that are located outside of the countries where the organizations are working. Named after the Greek word for “witness,” *Martus* is currently available in English, Spanish, French, Russian, Arabic, Thai, Persian, and Nepali.

In situations like the genocide in Rwanda or the forced expulsions in Kosovo, human rights documenters can deal with tens of thousands of stories and details obtained through interviews, newspaper accounts, prison records, and even gravestones. Many of these provide overlapping information, making it difficult to sort out who did what to whom, when, and where. Benetech’s *Analyzer* is an open-source statistical program that draws on demographic and epidemiological methods to aggregate and process large data sets. Using *Analyzer*, researchers can aggregate vast quantities of information to reveal patterns of gross human rights abuses — even genocide — as they are occurring.

Offered free of charge, Benetech’s software has been downloaded by over 1,000 people in 60 countries, including Afghanistan, Colombia, Russia, Sierra Leone, and Sri Lanka. It is already making a difference. For example, a network combining over 100 researchers used these programs to help a UN commission prove that genocide was committed against the indigenous population in Guatemala between 1981 and 1983. In East Timor, 9,000 testimonies were taken and over 300,000 graves were surveyed to discover how many people died during the Indonesian army occupation and how they were killed. Similar work has taken place in Peru and Kosovo.

is still up-to-date, and the likely motivation of the author.

MacArthur is exploring tools that will help adults assess the quality of information on the Internet, but a long-term approach also requires teaching media literacy to young people. The Foundation's initiative on digital learning is helping identify the critical skills that are needed and testing ways to cultivate them.

With MacArthur assistance, Professor Henry Jenkins and colleagues in the Comparative Media Studies Department at MIT are studying media literacy, exploring ways to teach it in the classroom and through after-school activities. The aim of the MIT project is to help young people learn how to filter, judge, synthesize, and use information available on the Internet and from other sources.

One of the MIT project's boldest suggestions so far is that the best way to teach such media literacy might be through instructing young people how to make their own digital creations, including blogs, pod- and videocasts, and games. Building on this insight, the Academic Advanced Distributed Learning Co-Laboratory at The University of Wisconsin-Madison is developing "Game Designer," a software application for young people. As students use it to create games, they

learn about ethical judgment, aesthetic design, systemic thinking, and collaborative problem solving.

New curricula are also being produced to help incorporate digital media into classrooms. A grant to the Center for Urban School Improvement at the University of Chicago is helping MIT test and implement its ideas in new charter schools being opened on Chicago's South Side, existing public schools, and in after-school programs. Ultimately we expect the center's programs to serve as national models for media literacy programs for middle and high school youth.

Digital tools will not replace the book, paper and pen, face to face interaction, or all the other ways that we socialize, learn, and communicate. But they are taking their place alongside these other means and modes of education, and they are changing the way young people are learning and how they expect to be taught. The net effect of these technologies is to make learning more participatory, at once more self-directed and more collaborative. Students today need to be more skeptical of what they see and hear, more willing to ask questions, more active in synthesizing what they find, and more creative in what they design, build, and produce. Such changes may be driven by technology and

*“The net effect of these technologies is to make learning more participatory, at once more self-directed and more collaborative.”*

its effects, but ultimately they also require a shift in the paradigm for teaching and learning. MacArthur’s work in education aims to help students, parents, schools, and communities adapt to a new reality.

#### **MEDIA GRANTMAKING**

When MacArthur began its media program 22 years ago, most Americans relied on the broadcast media. With that in mind, we decided to support high-quality non-fiction programming for television, documentary films, and the infrastructure of public radio. Our underlying assumption was that the public needs reliable information in order to make good judgments as individuals and as citizens.<sup>5</sup>

We still believe this. But news gathering, reporting, and broadcasting are being fundamentally changed by digital technologies. Sources of information have become far more plentiful and the methods of access have proliferated. Ninety percent of American homes choose from hundreds of television and radio channels on cable and satellite. An explosion of Internet video

and audio has added thousands of programming choices, accessible from around the world. Video-ready cell phones, audio and video iPods, digital video recorders, satellite radio, and — of course — personal computers allow audiences to craft more individualized news and entertainment experiences, choosing what they want to see or hear and when they want it.

These technologies have not only made accessing diverse kinds of information more convenient. They have also made it easier to produce and distribute creative content, with a far larger potential audience. The barriers to entry for potential producers have been greatly reduced: anyone with a computer can establish a website, start a blog, or record a podcast. The costs of shooting and editing a film or video have also declined, and professional-quality equipment is far more available than in the past.

As a result, new creators and commentators — often amateurs — are distributing material on the Internet and reaching a wide audience more directly. “Citizen journalists” around the globe are taking advantage of these tools to complement,

<sup>5</sup> This section draws on a paper by my colleagues Elspeth Revere, John Bracken, and Kathy Im, “Media, Technology, and the Public Good,” prepared for the March 2005 meeting of the Board of Trustees of the John D. and Catherine T. MacArthur Foundation.

## Shining a Spotlight on Internet Filtering

[www.opennetinitiative.net](http://www.opennetinitiative.net)

Initially conceived as a way for scientists to share data and software openly, the Internet has nourished visions of a world linked by information flowing freely. But as many as 30 national governments filter Internet content and block their citizens' access to certain kinds of information. Many of them do so using common, commercially available filtering technology.



The Open Net Initiative (ONI) of The Berkman Center for Internet & Society at Harvard Law School studies the filtering and surveillance practices of national governments and corporate entities. Led by Professors Jonathan Zittrain and John Palfrey, and using software created at the Berkman Center, ONI researchers can assess what information is filtered in a country, how it is blocked, and how often.

For example, an ONI study demonstrated how Saudi Arabia uses commercially available filtering technology to block access to certain kinds of websites — generally those dealing with pornography, gambling, drug-use, and religious conversion. The government relies on local staff to scan the Internet for these sensitive issues and recommend sites for censorship. But the research also revealed that Saudi citizens actively participate in the system, pointing the government toward over- or under-blocked sites.

In comparison, a recent investigation found China's filtering regime to be "the most sophisticated effort of its kind in the world." Comprised of several state agencies and thousands of staff, the Chinese government exercises strong control over email, blogs, electronic bulletin boards, and web pages. ONI found that access to information about politically sensitive topics — Taiwan, the Dalai Lama, Falun Gong, political opposition parties — is strictly censored. Although websites like CNN.com are accessible from China, specific stories can still be blocked from Chinese users.

With MacArthur support, ONI will publish an annual report on the state of filtering worldwide. Having comprehensive data of this kind will help make blocking practices more transparent and more visible. Exposing these activities can help the citizens of closed societies question government censorship — and bring international pressure to end it.



*“We still want to help ensure that reliable information on important topics is available and that it finds the audience it deserves.”*

correct, and even compete with professional journalists and investigative reporters.<sup>6</sup> This participatory journalism allows citizens to play an active role in the process of collecting, reporting, analyzing, and disseminating news and information.

With these changes, the challenge of providing individuals with diverse perspectives and reliable information is more complex than in the past, precisely because the tools available are so much more powerful. We enjoy unprecedented access to data, analysis, and opinion from around the world, but this also requires greater effort to filter, choose, and process such information.

In light of these developments, MacArthur’s long-standing programs supporting documentary film and public radio and television are in transition. We still want to help ensure that reliable information on important topics is available and that it finds the audience it deserves. And we want to help bring fresh sources of information to bear on the debate of important issues.

MacArthur will continue to support the creation of exceptional documentary films and high-quality nonfiction programming for public radio and television. But

to take full advantage of new technologies, the Foundation is challenging content-producers to tell their stories through more than one medium — radio and podcasting, for example; or documentary film and streaming video. We are especially interested in projects that invite significant participation from their audiences.

A few recent grants illustrate this transition.

*FRONTLINE/World* is a national public television series that features short documentaries about underreported countries and cultures. Its correspondents use portable digital cameras to observe and record people and events in remote places, often in greater depth than mainstream American press. Topics have included the 8,000 Kurdish men and boys who went missing in the early years of Saddam’s rule; the conflict between indigenous people and diamond miners in Brazil’s Amazon rainforest; and Iran’s nuclear capabilities.

*FRONTLINE/World* is one of the few public television producers that is truly integrating broadcast and online content. The television series is complemented by a website that contains original reporting,

<sup>6</sup>“Citizen journalism,” also known as “participatory journalism,” is produced by non-professional individuals who collect, report, analyze, and disseminate news and information.

interviews, reporter diaries, and related articles. The documentaries themselves can be viewed over the Internet as well. Visitors are encouraged to react to the stories and post their comments, which often lead to rich, online discussions. With more than half a million monthly visitors, *FRONTLINE/World* reports that its web presence drives people to the television broadcast — typically, the opposite is true.

Our ultimate goal is to help bring diverse sources of information to a broader public, so some of the projects we fund use technology to expand the audience for traditional programming. For example, Public Radio Exchange (PRX) is a web-based marketplace for stories and programs produced for public radio (*see story, opposite page*).

Producers anywhere may add their audio files to the PRX catalogue, and then radio station programmers may sample, purchase, and download those they like. If a programmer decides to buy a piece for broadcast, the producer receives a royalty. PRX helps level the playing field for independent radio producers by allowing anyone to join and sell their stories online. And it gives radio station programmers in large and small markets access to a much wider variety of content with relative ease and little added cost.

The Foundation is also interested in innovative work being produced by non-

professional journalists using “citizens’ media” — blogs, audio and digital podcasts, digital video. We are seeking ways to make this work more readily available and more useful to broader audiences.

For instance, Harvard Law School’s Berkman Center sponsors *Global Voices*, a website that calls attention to the most interesting conversations and perspectives emerging from citizens’ media around the world (*see story, page 14*). *Global Voices* is a compilation of carefully selected blogs that highlight citizen journalists across the globe. A team of blogger-editors identifies and tracks a set of global conversations every day, writing daily posts summarizing what the blogging communities in their countries have been talking about recently. These provide links to interesting content produced by individuals on every continent.

On one day in March, visitors to the website could read bloggers in Iraq discussing the effect of a daytime curfew on their lives and commenting on the growing importance of local militias following the attack on the al-Askari Mosque in Samarra. Another thread of discussion featured Kurdish voices throughout the Middle East, combining blogs from Turkey, Northern Iraq, Iran, and Syria. Meanwhile a number of Chinese bloggers discussed Internet censorship in their country:

## Increasing the Diversity of Radio Programming

[www.prx.org](http://www.prx.org)

Every year, thousands of hours of radio programming is made by independent producers and local radio stations, far more than is ever delivered to radio audiences. Many are high-quality stories that deserve greater exposure, but they are only heard by small communities of listeners — if they are broadcast at all.



Until recently, finding, evaluating, and purchasing these audio pieces and programs was extremely difficult and time-consuming. There was no central bazaar where producers could sell their products, or where programmers could find them. Today, there is.

Public Radio Exchange (PRX) is an online marketplace for the licensing and acquisition of radio stories produced for public radio. It was created using MacArthur funds by PRX Executive Director Jake Shapiro and his team in Cambridge, Massachusetts. The website and software they developed allow independent producers to upload their own pieces to the PRX site in a digital format. Then local radio stations can search, audition, and download them. PRX monitors all the transactions, rights, usage statistics, and payments through individual accounts. Radio stations that produce their own programs can also upload them for other stations to acquire and air. Listeners are also invited to participate, by auditioning, rating, and reviewing pieces on the web.

After less than three years of operation, PRX is used by 360 stations and over 1,000 producers. Eventually, it expects to serve 700 public radio stations in the United States. And as digital technology evolves, so is PRX. The service already offers programs via podcast and other new sound platforms to extend its reach to new audiences.

Ease of use and diverse content are helping PRX make these inroads. Recent stories include “The War of the Gods,” an epic poem about Muhammed Ali by Matthew Cowley, the Poet Laureate of Tampa, Florida; “Lessons Learned: Preventing School Violence,” produced by Rebecca Kresma for KBYU radio in Utah; “The Peace Corps at 45,” featuring five former Peace Corps volunteers, produced by Good Radio Shows, Inc., in Albuquerque, New Mexico; and “Dear Mom: I Joined the Marines,” written by Omar Macias and produced by Curie Youth Radio, a student project at Curie High School on Chicago’s Southwest Side. A few years ago, most of these stories would never have aired beyond their local communities. Today, thanks to PRX, you may hear one of them where you live.

how extensive it actually is, when they are able to get around filters (and when they are not), and whether all censorship is bad. These kinds of citizen-commentators help provide uncommon insight into the developing world and can balance or enrich what is reported in the mainstream media.

This is a vibrant time of change and experimentation. The digital age is also an information age, characterized by immense diversity, greater access, and more convenience. Amidst the proliferation of choices, MacArthur intends to help users take full advantage of opportunities to stay informed and get involved. We want to help provide citizens with high-quality information that educates and provokes reflection — in formats and platforms that make optimal use of new and old technologies, combining the benefits of professional production and citizen participation. Helping harness new media for the public good — that is our aim.

#### **APPLYING TECHNOLOGY TO MAKE A DIFFERENCE**

So far, I have described MacArthur programs that are being changed rather significantly. But MacArthur has also been considering how a range of technolo-

gies — both simple and complex — might amplify or enhance the work of grantees in all our fields of work.

Over several years, we have tried to identify groups or projects that use technology in highly innovative and productive ways. There is not enough space to discuss all of them in this annual report; an illustrative list of technology-related grants follows this essay. However, the projects I have in mind tend to use technology in a few key ways:

- They *improve the quality of information and analysis* by combining new techniques for gathering, processing, and storing data.
- They *make good information widely available to the public*, often from or in remote places.
- They *facilitate citizen engagement* by improving the ability to communicate.

#### **Information and analysis**

Using technology to improve the quality of *information and analysis* that is available on critical problems has been especially relevant for MacArthur grantees working on biodiversity conservation. MacArthur's conservation program aims to protect

*“Substantial progress has been made in places like Bhutan, Madagascar, Vietnam, and Brazil in creating national parks.”*

land- and seascapes of exceptional biodiversity in nine “hotspots” in the developing world.

Substantial progress has been made in places like Bhutan, Madagascar, Vietnam, and Brazil in creating national parks and protected areas. But encroachment from agricultural, mining, and timber activities still occurs.

Until recently, monitoring from satellites only revealed advanced deforestation. But now the Carnegie Landsat Analysis System can detect degradation at an earlier stage (*see story, page 6*). It combines widely available satellite data with advanced signal processing, computational modeling, and pattern recognition methods to improve the detection of forest disturbances at very high spatial resolution over millions of square kilometers of tropical forest.

Tests of the system in the Brazilian Amazon uncovered *twice* the amount of forest degradation reported by previous deforestation studies, which had relied on satellite data alone. By bringing together a suite of new techniques for measuring environmental changes, the Carnegie System gives an early warning of dangerous activities that can alert institutions in time to save important landscapes.

#### **Improving Communication**

Technology also makes it possible to *uncover and distribute information* in remote places and to isolated communities. In the field of population and reproductive health, for example, it is an enduring challenge to provide accurate, timely information about health care and services to women and men in rural areas. New communications technologies can help.

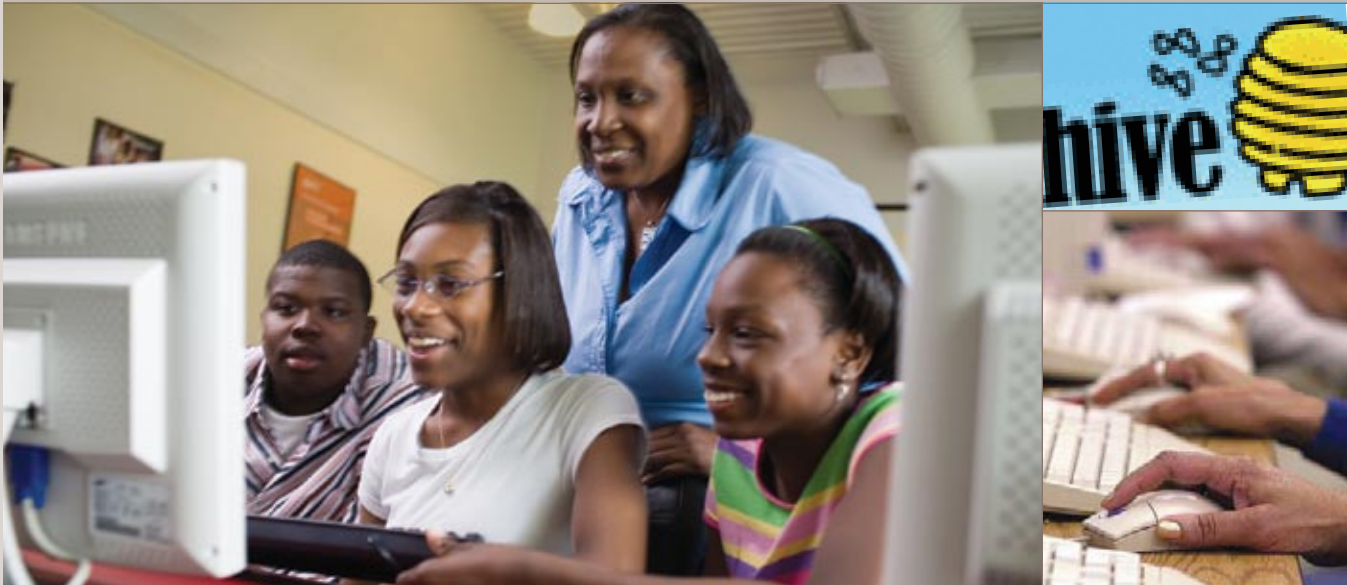
MacArthur has supported organizations working on population issues for over two decades. Today, our programs focus on reducing maternal mortality and on providing young people good information about reproductive health and services. We place special emphasis on three countries where we have offices — Mexico, India, and Nigeria — countries where rural areas are especially isolated from urban centers and knowledge about reproductive health is low.

An organization called OneWorld is using communications technology to help bridge the urban/rural divide, beginning in Africa. In Kenya, a pilot project called Mobile4Good uses cellular technology to spread health-related news and education. Mobile4Good sends text messages to personal cell-phones to inform individuals about opportunities

## Enabling People to Help Themselves

[www.one-economy.com](http://www.one-economy.com)  
[www.thebeehive.org](http://www.thebeehive.org)

One Economy is a national nonprofit organization using technology to connect low-income people to opportunity. One Economy's signature program is the Beehive, an electronic self-help tool that provides important information on financial programs, health care, education and schools, employment and training, and insurance.



Although it is national in scope, the Beehive designs its websites to fit the needs of specific communities. Local versions of the Beehive exist in 11 major cities: Atlanta, Baltimore, Chicago, Cleveland, Los Angeles, New York, Portland, San Francisco, Seattle, and Washington, D.C. Each user receives a free email account. Because literacy is often a barrier, information is written at a 6th grade reading level. Content is accessible in English, Spanish, Haitian Creole, Russian, Chinese, and Urdu. Nationwide, the Beehive helps over half a million people a month.

With MacArthur funds, One Economy has tailored versions of the Beehive for four new mixed-income communities created as part of Chicago's ambitious Plan for Transformation of its public housing. Websites for Lake Park Crescent, Oakwood Shores, Park Boulevard, and West Haven Park provide specific information about the schools, services, and supports that are available in each neighborhood. Although residents are still moving into these communities, 30,000 people have registered online and more than 3,000 use the Beehives each month.

To encourage even greater use in Chicago, One Economy sponsors the Digital Connectors Program, which every year trains 100 young people to teach neighborhood residents how to use personal computers, how to use the Internet, and how to navigate the local Beehives. More than 1,000 individuals and 3,000 families have received instruction so far.

The Beehive's reach is amplified by other local organizations. For example, its job search and career information is being used by Centers for Working Families in their own job training and assistance programs. In addition, drawing on Beehive content, the Centers also give people hands-on help preparing their tax returns, and explaining how to file for the Earned Income Tax Credit and other tax supplements. Since its inception, this program has helped Chicago families gain access to more than \$14 million in additional income.

Through technology, the Beehive is helping low-income people empower themselves. Connected to information and opportunities, the residents of Chicago's newest neighborhoods are starting to take charge of their future.

*“Encouraging residents to participate in the life of their community is essential to revitalizing urban neighborhoods.”*

for free exams or treatment. It also provides a question-and-answer service that allows individuals to ask sensitive health questions in private. This has proven especially effective among young people.

Mobile4Good shows great potential for expansion into countries where mobile phone use is high. Because Nigeria is one of the fastest growing cell phone markets in Africa — and one of our focus countries — MacArthur is supporting a new Mobile4Good project there. Information about reproductive health and services will be delivered via portable phones to young Nigerians living in both urban and rural areas.

**Citizen engagement**

*Facilitating citizen engagement* is another area where technology can play an important role.

In Chicago, MacArthur and the Chicago affiliate of the Local Initiatives Support Corporation (LISC) have undertaken a comprehensive initiative to revitalize 16 neighborhoods (about half of Chicago’s low-income communities). In each neighborhood, a local development organization is taking the lead to address housing, economic development, public safety, jobs, and more.

Encouraging residents to participate in the life of their community is essential to revitalizing urban neighborhoods. A grant to the Northeastern Illinois Planning Commission supports the Full Circle Project, which trains community residents to use handheld devices to collect information about neighborhood conditions and monitor progress in their communities.

Through the project, residents can report signs of neglect like trash on the streets, broken windows, abandoned cars, or vacant buildings. They can also collect information on the availability of commercial space, retail possibilities, and opportunities for housing development. The handheld devices add this material to existing data systems used by local and city officials. It can be consulted immediately and it is often accessible on the Internet.

Making good information widely available, monitoring conservation practices, and engaging citizens in improving their neighborhoods — these are some of the ways MacArthur grantees are using technology to advance our program goals.

We encourage those with creative ideas on the use of technology to approach us for a conversation.

**CONCLUSION**

The MacArthur Foundation's embrace of technology is not uncritical. Some of our grants address the consequences of less time to reflect, the rapid spread of misinformation, the possibility that information overload drives people to intuition and inherited orthodoxies rather than reasoned discourse. But it is fair to say we are more optimistic than pessimistic about the possibilities of technology. And in any event, we take its existence as a given to be harnessed and shaped.

We imagine a future where children learn through active creation that honors visual as well as written forms of expression. We see a time when people of all ages learn more on their own initiative, assisted

by institutions that adapt to a new reality. We take heart from the prospect of quality information flowing from remote parts of the world, more attention given to understudied issues, a greater diversity of voices being heard. We hope that the democratic process is more widely shared and reinvigorated by more robust citizen participation within nations and across national boundaries. We will work to enhance the opportunity of individuals to realize their potential and for communities to grow stronger and more just. While changes in our program will be gradual, we expect to be a very different Foundation in a few years.

JONATHAN F. FANTON  
*President*



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# SELECT EXAMPLES OF MACARTHUR TECHNOLOGY GRANTS

2001–2005

## DIGITAL MEDIA, LEARNING, AND EDUCATION

### MEDIA LITERACY

CENTURY FOUNDATION, *Washington, D.C.*

\$50,000 for a project on the use of digital communications technologies in education, the arts, and civic life. (2001) [www.tcf.org](http://www.tcf.org)

GLOBAL KIDS, *New York, New York*

\$170,000 in support of building the field of digital media and learning by engaging young people in online discussions and written essays about their use of digital media. (2005) [www.globalkids.org](http://www.globalkids.org)

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, COMPARATIVE MEDIA STUDIES, *Cambridge, Massachusetts*

\$500,000 to develop a conceptual framework, website, and approach with models for achieving a new kind of digital media literacy among young people. (2005) [web.mit.edu/cms](http://web.mit.edu/cms)

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, TECHNICAL EDUCATION RESOURCE CENTERS, *Cambridge, Massachusetts*

\$239,000 in support of efforts to improve classroom instruction through the use of digital technologies. (2003) [www.mit.edu](http://www.mit.edu)

UNIVERSITY OF CHICAGO, CENTER FOR URBAN SCHOOL IMPROVEMENT, *Chicago, Illinois*

\$250,000 to support a pilot after-school media literacy program. (2005) [usi.uchicago.edu/aboutnew.html](http://usi.uchicago.edu/aboutnew.html)

UNIVERSITY OF WISCONSIN, *Madison, Wisconsin*

\$1,200,000 in support of the design and development of innovative game modules, curriculum, and tools to support young people's media literacy (over three years). (2006) [www.wisc.edu](http://www.wisc.edu)

### RESEARCH

BLUEPRINT RESEARCH & DESIGN, *San Francisco, California*

\$80,000 in support of field building, strategic planning, and analysis of trends in innovation, the development of expertise, and in distribution in digital media and learning. (2005) [www.blueprintrd.com](http://www.blueprintrd.com)

EXPLORATORIUM, *San Francisco, California*

\$220,000 in support of research and analysis to explore digital media and learning among youth. (2004) [www.exploratorium.edu](http://www.exploratorium.edu)

MILLS COLLEGE, *Oakland, California*

\$450,000 in support of a longitudinal quantitative study of the effect of digital media on young people's current and future civic commitments and engagements (over three years). (2006) [www.mills.edu/ICL](http://www.mills.edu/ICL)

MONTEREY INSTITUTE FOR TECHNOLOGY AND EDUCATION, *Monterey, California*

\$575,000 to build the field of digital media and learning through papers, online discussions, and edited volumes on a variety of topics (over 18 months). (2005) [www.montereyinstitute.org](http://www.montereyinstitute.org)

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NEW MEDIA CONSORTIUM, *Austin, Texas*

\$17,500 to complete a literature review, a monograph, and communications activities exploring visual and digital literacy in higher education. (2005)

\$575,000 to build the field of digital media and learning through papers, online discussions, and edited volumes on a variety of topics (over 18 months). (2005) [www.nmc.org](http://www.nmc.org)

UNIVERSITY OF CALIFORNIA, BERKELEY, SCHOOL OF INFORMATION MANAGEMENT AND SYSTEMS, *Berkeley, California*  
\$1,954,000 in support of a multi-site ethnographic study of how young people use digital media, and to what effect (over three years). (2005) [www.sims.berkeley.edu](http://www.sims.berkeley.edu)

UNIVERSITY OF SOUTHERN CALIFORNIA, ANNENBERG CENTER FOR COMMUNICATION, *Los Angeles, California*  
\$1,346,000 in support of a multi-site ethnographic study of how young people use digital media, and to what effect (over three years). (2005) [www.annenberg.edu](http://www.annenberg.edu)

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## MEDIA

### DOCUMENTARY FILM

AMERICAN DOCUMENTARY, INC., *New York, New York*  
\$1,500,000 in support of *P.O.V. (Point of View)*, a documentary series for public television (over three years). (2004) [www.pbs.org/pov](http://www.pbs.org/pov)

AMERICAN UNIVERSITY, SCHOOL OF COMMUNICATION, *Washington, D.C.*  
\$100,000 in support of a project to document and disseminate a collection of best practices that would help guide the use of copyrighted materials in new documentary film productions. (2005) [www.centerforsocialmedia.org/fairuse.htm](http://www.centerforsocialmedia.org/fairuse.htm)

ARTS ENGINE, *New York, New York*  
\$50,000 in support of MediaRights.org, an educational and outreach website for social issue filmmakers and community groups. (2001)

\$180,000 in support of MediaRights.org, an educational website for social issue filmmakers and nonprofit organizations (over three years). (2002) [www.mediarights.org](http://www.mediarights.org)

CENTER FOR INVESTIGATIVE REPORTING, *Berkeley, California*  
\$75,000 to support preliminary research for a documentary film exploring the debate over protecting intellectual property. (2005) [www.muckraker.org](http://www.muckraker.org)

DIGITAL INNOVATIONS GROUP, *New York, New York*  
\$50,000 in support of a project to encourage collaboration among independent filmmakers and digital artists. (2001)

\$100,000 in support of Crossover, a project designed to introduce interactive digital technologies to documentary filmmakers. (2002)

DUKE UNIVERSITY, SCHOOL OF LAW, *Durham, North Carolina*  
\$50,000 in support of the distribution of a comic book about fair use and documentary film in the digital age. (2006) [www.law.duke.edu](http://www.law.duke.edu)

GLOBALVISION, *New York, New York*  
\$75,000 in support of “Hole in the Wall,” a documentary film about information technologies and the changing global economic order. (2003) [www.globalvision.org/program/how/how.html](http://www.globalvision.org/program/how/how.html)

INDEPENDENT INITIATIVE, *San Francisco, California*  
\$50,000 in support of a planning process to help independent filmmakers prepare for a changing media environment. (2002) [www.kqed.org/tv/indieproducers/independent-initiative.jsp](http://www.kqed.org/tv/indieproducers/independent-initiative.jsp)

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## PUBLIC MEDIA/CITIZEN JOURNALISM

INDEPENDENT WORLD TELEVISION, *New York, New York*  
\$150,000 in support of a feasibility and planning study.  
(2004) [www.iwtnews.com/home](http://www.iwtnews.com/home)

LINK MEDIA, *San Francisco, California*  
\$2,500,000 in support of a non-commercial  
television channel with international content.  
(2001 and 2002) [www.linktv.org](http://www.linktv.org)

NEW YORK UNIVERSITY, DEPARTMENT OF JOURNALISM,  
*New York, New York*  
\$210,000 in support of the exploratory phase of a project  
to engage citizens as both participants in and funders of  
journalism. (2006) [journalism.nyu.edu](http://journalism.nyu.edu)

ONE WORLD INTERNATIONAL FOUNDATION, *London,  
United Kingdom*  
\$250,000 in support of the OneWorld Network, includ-  
ing oneworld.net, tv.oneworld.net, and us.oneworld.net  
(over two years). (2004) [www.oneworld.net](http://www.oneworld.net)

PUBLIC BROADCASTING SERVICE, *Alexandria, Virginia*  
\$118,000 for a planning process on strategies  
to strengthen public television. (2004) [www.pbs.org](http://www.pbs.org)

RADIO BILINGUE, *Fresno, California*  
\$25,000 in support of an Internet feasibility study.  
(2002) [www.radiobilingue.org](http://www.radiobilingue.org)

SOUND PORTRAITS PRODUCTIONS, *New York, New York*  
\$75,000 in support of StoryCorps, an oral history  
project. (2003)

\$50,000 in support of StoryCorps, an oral history  
project. (2004) [storycorps.net](http://storycorps.net)

STATION RESOURCE GROUP, *Takoma Park, Maryland*  
\$350,000 in support of the Public Radio Exchange  
(over three years). (2003) [www.prx.org](http://www.prx.org)

UNIVERSITY OF NORTH CAROLINA PRESS, *Chapel Hill,  
North Carolina*  
\$225,000 in support of the Caravan Project, a  
multi-media book publishing demonstration project.  
(2005) [www.uncpress.unc.edu](http://www.uncpress.unc.edu)

UNIVERSITY OF PENNSYLVANIA, ANNENBERG SCHOOL FOR  
COMMUNICATION, *Philadelphia, Pennsylvania*  
\$25,000 in support of the conference “The Hyperlinked  
Society: Questioning Connections in the Digital Age.”  
(2006) [www.asc.upenn.edu](http://www.asc.upenn.edu)

UNIVERSITY OF SOUTHERN CALIFORNIA, ANNENBERG CENTER  
FOR COMMUNICATION, *Los Angeles, California*  
\$500,000 for a project to create the Institute for  
the Future of the Book (over two years). (2004)  
[www.annenberg.edu](http://www.annenberg.edu)

WGBH EDUCATIONAL FOUNDATION, *Boston, Massachusetts*  
\$1,000,000 in support of the Digital Opportunity Fund  
(over three years). (2004) [www.wgbh.org](http://www.wgbh.org)

WGBH EDUCATIONAL FOUNDATION, FRONTLINE,  
*Boston, Massachusetts*  
\$800,000 in support of FRONTLINE/World, a global  
news documentary series on PBS (over two years). (2002)

\$500,000 in support of FRONTLINE/World (over two  
years). (2005) [www.pbs.org/frontline](http://www.pbs.org/frontline)

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## INTELLECTUAL PROPERTY AND THE PUBLIC DOMAIN

### POLICY ANALYSIS

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE,  
SCIENCE AND HUMAN RIGHTS PROGRAM, *Washington, D.C.*  
\$600,000 in support of a policy project on science  
and intellectual property (over three years). (2002)  
[www.aaas.org](http://www.aaas.org)

AMERICAN LIBRARY ASSOCIATION, OFFICE FOR INFORMATION  
TECHNOLOGY POLICY, *Washington, D.C.*  
\$630,000 for a project on the implications of digital  
copyright for libraries and their patrons (over three years).  
(2002)

\$630,000 in support of a project on the implications  
of digital copyright for libraries and their patrons  
(over three years). (2005) [www.ala.org/oitp](http://www.ala.org/oitp)

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CENTER FOR DEMOCRACY AND TECHNOLOGY, *Washington, D.C.*  
\$250,000 for a project to establish a balanced approach to copyright protection. (2002)

\$600,000 in support of a project to help establish a balanced approach to copyright protection (over three years). (2004)

\$250,000 in support of the Security, Freedom and Technology Project. (2004) [www.cdt.org](http://www.cdt.org)

CENTER FOR DIGITAL DEMOCRACY, *Washington, D.C.*  
\$225,000 in support of general operations (over three years). (2002) [www.democraticmedia.org](http://www.democraticmedia.org)

CENTER FOR INTERNATIONAL ENVIRONMENTAL LAW—U.S., *Washington, D.C.*  
\$85,000 in support of a feasibility study and a pilot workshop that would inform the development of a program to enhance the participation of developing countries in bilateral intellectual property negotiations. (2005) [www.ciel.org](http://www.ciel.org)

CENTER FOR STUDY OF RESPONSIVE LAW, *Washington, D.C.*  
\$450,000 in support of the Consumer Project on Technology (over three years). (2002) [www.csr.org](http://www.csr.org)

CONSUMERS INTERNATIONAL, *London, United Kingdom*  
\$150,000 in support of the Trans Atlantic Consumer Dialogue, which seeks to bring a consumer perspective to international intellectual property negotiations (over two years). (2004) [www.consumersinternational.org](http://www.consumersinternational.org)

DIGITAL FUTURE COALITION, *Washington, D.C.*  
\$175,000 to develop a communications toolkit on copyright. (2003) [www.dfc.org](http://www.dfc.org)

DUKE UNIVERSITY SCHOOL OF LAW, CENTER FOR THE STUDY OF THE PUBLIC DOMAIN, *Durham, North Carolina*  
\$60,000 in support of a project on the World Trade Organization's Agreement on Trade-Related Aspects of International Property Rights. (2002)  
[www.law.duke.edu/cspd](http://www.law.duke.edu/cspd)

ELECTRONIC FRONTIER FOUNDATION, *San Francisco, California*  
\$600,000 for work to represent the public interest in international industry standards-setting meetings on digital rights management and intellectual property (over three years). (2003) [www.eff.org](http://www.eff.org)

ESSENTIAL INFORMATION, *Washington, D.C.*  
\$600,000 in support of the Consumer Project on Technology's work on international intellectual property policies (over three years). (2005) [www.essential.org](http://www.essential.org)

HARVARD LAW SCHOOL, BERKMAN CENTER FOR INTERNET AND SOCIETY, *Cambridge, Massachusetts*  
\$750,000 in support of general operations (over three years). (2005) [www.cyber.law.harvard.edu](http://www.cyber.law.harvard.edu)

INTELLECTUAL PROPERTY WATCH, *Geneva, Switzerland*  
\$300,000 in support of an independent news service, which reports on the processes of intellectual property policymaking at the international level and support for long-term planning efforts (over three years). (2005) [www.ip-watch.org](http://www.ip-watch.org)

LIBRARY OF CONGRESS, CONGRESSIONAL RESEARCH SERVICE, *Washington, D.C.*  
\$168,000 in support of research and educational activities on intellectual property topics (over three years). (2004) [www.loc.gov](http://www.loc.gov)

NATIONAL RESEARCH COUNCIL, NATIONAL ACADEMY OF SCIENCES, *Washington, D.C.*  
\$49,000 in support of a symposium on the role of the public domain in scientific and technical information. (2002)  
\$250,000 in support of efforts to promote open access to scientific and technical data and information (over 18 months). (2002) [www.nationalacademies.org/nrc](http://www.nationalacademies.org/nrc)

PUBLIC KNOWLEDGE, *Washington, D.C.*  
\$500,000 in support of policy work on intellectual property and a research project on the economics of intellectual property law (over two years). (2002)  
\$750,000 in support of general operations (over three years). (2004) [www.publicknowledge.org](http://www.publicknowledge.org)

## NEW MODELS

CREATIVE COMMONS, *San Francisco, California*  
\$1,200,000 to develop and implement a new form of licensing for creative works and an intellectual property conservancy (over three years). (2002)  
\$750,000 in support of general operations (over three years). (2005) [www.creativecommons.org](http://www.creativecommons.org)

FUTURE OF MUSIC COALITION, *Washington, D.C.*  
\$75,000 in support of a study of the music sample licensing process. (2005) [www.futureofmusic.org](http://www.futureofmusic.org)

HARVARD LAW SCHOOL, BERKMAN CENTER FOR INTERNET AND SOCIETY, *Cambridge, Massachusetts*  
\$600,000 in support of the Digital Media in Cyberspace Project (over three years). (2003) [www.cyber.law.harvard.edu](http://www.cyber.law.harvard.edu)

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## OTHER-MEETINGS

AMERICAN UNIVERSITY, WASHINGTON COLLEGE OF LAW, PROGRAM ON INTELLECTUAL PROPERTY AND PUBLIC INTEREST, *Washington, D.C.*

\$50,000 for a meeting to develop a research agenda on intellectual property. (2002) [www.wcl.american.edu](http://www.wcl.american.edu)

COUNCIL ON COMPETITIVENESS, *Washington, D.C.*

\$100,000 in support of the Forum on Technology and Innovation's Congressional briefings on intellectual property issues (over two years). (2002) [www.compete.org](http://www.compete.org)

UNIVERSITY OF ILLINOIS AT CHICAGO, UNIVERSITY LIBRARY, *Chicago, Illinois*

\$70,000 in support of a conference on open source publishing. (2005) [www.uic.edu/depts/lib](http://www.uic.edu/depts/lib)

YALE UNIVERSITY, SCHOOL OF LAW, *New Haven, Connecticut*

\$65,000 in support of the Access to Knowledge conference. (2005) [www.law.yale.edu](http://www.law.yale.edu)

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## APPLYING TECHNOLOGY TO MAKE A DIFFERENCE

### INFORMATION AND ANALYSIS

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, *Washington, D.C.*

\$110,000 in support of a pilot project on the application of geospatial technologies to human rights. (2005) [www.aaas.org](http://www.aaas.org)

AMERICAN LIBRARY ASSOCIATION, OFFICE FOR INFORMATION TECHNOLOGY POLICY, *Washington, D.C.*

\$215,000 for a multidisciplinary assessment of the credibility of information on the Internet. (2003) [www.ala.org/oitp](http://www.ala.org/oitp)

BROWN UNIVERSITY, ANNENBERG INSTITUTE FOR SCHOOL REFORM, *Providence, Rhode Island*

\$700,000 to develop diagnostic tools for school districts to use in comprehensive reform efforts (over two years). (2005) [www.annenberginstitute.org](http://www.annenberginstitute.org)

BENETECH, *Palo Alto, California*

\$800,000 in support of using science and technology to promote human rights (over three years). (2005) [www.benetech.org](http://www.benetech.org)

CARNEGIE INSTITUTION OF WASHINGTON, DEPARTMENT OF GLOBAL ECOLOGY, *Stanford, California*

\$160,000 in support of expanding local capability to map forest disturbances in Peruvian forests. (2005) [asnerlab.stanford.edu/index.shtml](http://asnerlab.stanford.edu/index.shtml)

CALIFORNIA CENTER FOR POPULATION RESEARCH, *Los Angeles, California*

\$86,000 in support of improving research on the demographic dividend by integrating geographic information system data into an ongoing population-based survey in Indonesia to enhance information about changes in age structure and contraceptive use. (2005) [www.cpr.ucla.edu/asp/index.asp](http://www.cpr.ucla.edu/asp/index.asp)

CDFI DATA PROJECT, *Philadelphia, Pennsylvania*

\$250,000 to collect and analyze FY 2003 data on indicators relevant to the community development financial institutions industry. (2004) [www.cdfi.org](http://www.cdfi.org)

CHICAGO HOUSING AUTHORITY, *Chicago, Illinois*

\$1,735,000 for efforts to improve the agency's capacity to relocate and assist tenants, assure quality property management, and manage information. (2001) [www.thecha.org](http://www.thecha.org)

CITY OF CHICAGO POLICE DEPARTMENT, *Chicago, Illinois*

\$850,000 in support of the design and testing of public-access components of a data management system (over two years). (2006) [www.chicagopolice.org/ps](http://www.chicagopolice.org/ps)

COMMUNITY BUILDERS, *Boston, Massachusetts*

\$500,000 in support of improvements in management information systems to increase capacity for large-scale ownership and preservation of affordable rental housing (over two years). (2003) [www tcbinc.org](http://www tcbinc.org)

COMMUNITY CATALYST, *Boston, Massachusetts*

\$250,000 to develop eligibility screening software for potential recipients of social services. (2001) [www.communitycatalyst.org](http://www.communitycatalyst.org)

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- COMMUNITY CATALYST, *Boston, Massachusetts*  
\$850,000 in support of the expansion of RealBenefits, an eligibility screening program for potential recipients of social services. (2003)  
\$1,500,000 for the development and expansion throughout metropolitan Chicago of RealBenefits, an Internet-based eligibility screening software that helps increase individual and family access to income support programs (over two years). (2004) [www.realbenefits.org](http://www.realbenefits.org)
- EYEBEAM, *New York, New York*  
\$300,000 in support of a research and development lab, which develops new technologies and media projects intended for the public domain (over two years). (2005) [www.eyebcam.org](http://www.eyebcam.org)
- HARVARD LAW SCHOOL, BERKMAN CENTER FOR INTERNET AND SOCIETY, *Cambridge, Massachusetts*  
\$3,000,000 in support of the Open Net Initiative (over four years). (2005) [www.cyber.law.harvard.edu](http://www.cyber.law.harvard.edu)
- LIVING CITIES: THE NATIONAL COMMUNITY DEVELOPMENT INITIATIVE, *New York, New York*  
\$1,000,000 in support of the Urban Markets Initiative. (2002) [www.livingcities.org](http://www.livingcities.org)
- METRO CHICAGO INFORMATION CENTER, *Chicago, Illinois*  
\$900,000 in support of the assembly and analysis of data about Chicago neighborhoods (over three years). (2005) [www.mci.org](http://www.mci.org)
- METROPOLITAN AREA RESEARCH CORPORATION, *Minneapolis, Minnesota*  
\$165,000 to create a web tool for mapping data from the book *The Struggle to Grow Equitably: Sprawl, Taxes and Race in America's Regions*. (2004) [www.metroresearch.org](http://www.metroresearch.org)
- NATIONAL ACADEMY OF SCIENCES, INSTITUTE OF MEDICINE, *Washington, D.C.*  
\$500,000 in support of the Key National Indicators Initiative (over two years). (2005) [www.iom.edu](http://www.iom.edu)
- NATIONAL COMMUNITY CAPITAL ASSOCIATION, *Philadelphia, Pennsylvania*  
\$250,000 in support of the Community Development Financial Institutions Data Project. (2003) [www.communitycapital.org](http://www.communitycapital.org)
- NEIGHBORHOOD HOUSING SERVICES OF CHICAGO, *Chicago, Illinois*  
\$400,000 to upgrade information systems and restructure lending and development services. (2001) [www.nhschicago.org](http://www.nhschicago.org)
- NEW YORK BOTANICAL GARDEN, *Bronx, New York*  
\$300,000 in support of a satellite version of the Virtual Herbarium in the Greater Antilles (over three years). (2001) [www.nybg.org](http://www.nybg.org)
- NORTHEASTERN ILLINOIS PLANNING COMMISSION, *Chicago, Illinois*  
\$380,000 in support of a web-based clearinghouse for housing and community development information in the Chicago region (over three years). (2002)  
\$418,000 to pilot a virtual network for sharing housing and community development data (over two years). (2004)  
\$138,000 in support of the application of innovative technology to neighborhood-level data collection in Chicago. (2004) [www.nipc.org](http://www.nipc.org)
- SHOREBANK ADVISORY SERVICES, *Chicago, Illinois*  
\$425,000 in support of MetroEdge, a provider of market research and knowledge products that increase the competitiveness of low-income neighborhoods and the regions in which they are located. (2001) [www.metro-edge.com](http://www.metro-edge.com)
- TAX POLICY FORUM, *Chicago, Illinois*  
\$150,000 in support of the Tax Policy Calculator Project (over two years). (2005)
- UNIVERSITY OF HAWAII AT MANOA, OFFICE OF RESEARCH SERVICES, *Honolulu, Hawaii*  
\$485,000 in support of the design and development of a clinical information management system for the Research Network on Youth Mental Health Care (over three years). (2005) [www.manoa.hawaii.edu](http://www.manoa.hawaii.edu)
- UNIVERSITY OF ILLINOIS AT CHICAGO, COLLEGE OF EDUCATION, *Chicago, Illinois*  
\$120,000 to develop a technology plan supporting the revitalization of public schools in the Mid-South area of Chicago. (2004) [www.uic.edu/educ](http://www.uic.edu/educ)
- UNIVERSITY OF MICHIGAN, *Ann Arbor, Michigan*  
\$477,000 to establish ExpandNet, a network of health professionals seeking to increase the use of successful reproductive health interventions (over three years). (2004) [www.expandnet.net](http://www.expandnet.net)

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UNIVERSITY OF WASHINGTON, INFORMATION SCHOOL,  
*Seattle, Washington*

\$250,000 in support of the Credibility Commons, an online environment for developing tools and resources intended to improve the credibility of Internet information (over two years). (2006) [www.ischool.washington.edu](http://www.ischool.washington.edu)

URBAN INSTITUTE, *Washington, D.C.*

\$75,000 to map eligible housing and study the attributes of neighborhoods accessible to housing choice voucher recipients. (2003) [www.urban.org](http://www.urban.org)

VORONEZH STATE UNIVERSITY, *Voronezh, Russia*

\$10,000 to create a laboratory on acoustical-optical systems for information analysis and transmission (over one year). (2002) [www.vsu.ru/english](http://www.vsu.ru/english)

WOMEN'S GLOBAL HEALTH IMPERATIVE, UNIVERSITY OF CALIFORNIA, SAN FRANCISCO, *San Francisco, California*

\$1,149,000 in support of continuing, expanding, and beginning to scale up the anti-shock garment pilot project in Nigeria, and to support an experimental trial of the garment in Egypt to demonstrate reduction in maternal mortality and morbidity (over two years). (2005) [www.ughi.org](http://www.ughi.org)

WORLD FISH CENTER, *Penang, Malaysia*

\$195,000 to analyze information collected by the Locally Managed Marine Area Network on coral reef management and disseminate it through the ReefBase database (over 18 months). (2004) [www.worldfishcenter.org](http://www.worldfishcenter.org)

## IMPROVING COMMUNICATION

AMERICAN COUNCILS FOR INTERNATIONAL EDUCATION,  
*Washington, D.C.*

\$100,000 in support of enhancing the distance learning programs of the European Humanities University International. (2005) [www.americancouncils.org](http://www.americancouncils.org)

COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, SCHOOL OF INTERNATIONAL AND PUBLIC AFFAIRS, *New York, New York*

\$125,000 in support of the Gulf/2000 Project (over three years). (2002) [gulf2000.columbia.edu](http://gulf2000.columbia.edu)

DUKE UNIVERSITY SCHOOL OF MEDICINE,  
*Durham, North Carolina*

\$450,000 in support of an Internet-based resource center for Psychiatric Advance Directives (over three years) (2005) [medschool.duke.edu](http://medschool.duke.edu)

ONEWORLD INTERNATIONAL FOUNDATION, *London, United Kingdom*

\$70,000 in support of a planning process to determine the most appropriate approach to implementing the Mobile4Good project in Nigeria, a project which uses mobile phone technology to promote healthy outcomes. (2006) [uk.oneworld.net/section/mobile](http://uk.oneworld.net/section/mobile)

INFORMATION TECHNOLOGY RESOURCE CENTER, *Chicago, Illinois*

\$75,000 in support of planning for the NPO-NET, a local telecommunications network. (2001) [www.itresourcecenter.org](http://www.itresourcecenter.org)

LEAGUE OF CHICAGO THEATRES FOUNDATION, *Chicago, Illinois*

\$370,000 to support an online ticketing system. (2005) [www.chicagoplays.com](http://www.chicagoplays.com)

NEWBERRY LIBRARY, *Chicago, Illinois*

\$500,000 to convert the card catalogue to an online system (over two years). (2002) [www.newberry.org](http://www.newberry.org)

ONE ECONOMY CORPORATION, *Washington, D.C.*

\$80,000 for a project to increase the access of public housing and neighborhood residents to online information. (2002)

\$1,400,000 in support of a technology program whose beneficiaries will include residents of four mixed-income public housing developments in Chicago (over four years). (2003)

\$625,000 in support of a training and assistance program to help residents of low-income neighborhoods improve their lives through the use of technology (over 18 months). (2005) [www.one-economy.com](http://www.one-economy.com)

PHILANTHROPIC RESEARCH, *Williamsburg, Virginia*

\$60,000 in support of GuideStar, a free Internet service providing financial and programmatic information on U.S. nonprofit organizations (over three years). (2004) [www.guidestar.org](http://www.guidestar.org)

UNIVERSITY OF CALIFORNIA, BERKELEY, GRADUATE SCHOOL OF JOURNALISM, *Berkeley, California*

\$300,000 in support of the China Internet Project (over two years). (2005) [journalism.berkeley.edu](http://journalism.berkeley.edu)

UNIVERSITY OF IOWA, OFFICE OF THE VICE PRESIDENT FOR RESEARCH, DIVISION OF SPONSORED PROGRAMS, *Iowa City, Iowa*

\$468,000 in support of the Nigerian Universities Information and Communication Technologies Project (over three years). (2001) [www.research.uiowa.edu](http://www.research.uiowa.edu)

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## CITIZEN ENGAGEMENT

CHICAGO METROPOLIS 2020, *Chicago, Illinois*

\$250,000 to develop a technology platform for a regional learning game. (2004) [www.chicagometropolis2020.org](http://www.chicagometropolis2020.org)

COUNCIL ON COMPETITIVENESS, *Washington, D.C.*

\$150,000 in support of the forum on Technology and Innovation, a project to educate policymakers and the media about technology policy issues (over two years). (2004) [www.compete.org](http://www.compete.org)

FLORIDA ATLANTIC UNIVERSITY FOUNDATION,  
CENTER FOR URBAN AND ENVIRONMENTAL SOLUTIONS,  
*Fort Lauderdale, Florida*

\$100,000 to adapt a regional learning game for use in southeast Florida. (2005) [www.cuesfau.org](http://www.cuesfau.org)

GREEN MEDIA TOOLSHED, *Washington, D.C.*

\$25,000 in support of an exploratory workshop of international technologists and civil society leaders to develop ideas and best practices for the use of mobile phone messaging to promote civic participation. (2005) [www.greenmediatoolshed.com](http://www.greenmediatoolshed.com)

INTERNETCOAST ECONOMIC DEVELOPMENT ADVISORY  
COUNCIL, *West Palm Beach, Florida*

\$300,000 in support of general operations (over four years). (2004) [www.internetcoast.com](http://www.internetcoast.com)

LOCAL INITIATIVES SUPPORT CORPORATION, *Chicago, Illinois*

\$70,000 in support of website development and training in content management for eight community organizations. (2005)

\$75,600 in support of community participation in the design and testing of Internet tools for community policing. (2006) [www.newcommunities.org](http://www.newcommunities.org)

NATIONAL CENTER FOR VICTIMS OF CRIME, *Washington, D.C.*

\$167,000 in support of a national panel on the ethical issues that may arise when using innovative technology to reduce crime and improve neighborhood safety (over nine months). (2005) [www.ncvc.org](http://www.ncvc.org)

NORTHEASTERN ILLINOIS PLANNING COMMISSION,  
*Chicago, Illinois*

\$360,000 in support of efforts to make community and public data accessible to community organizations for the purposes of neighborhood revitalization (over two years). (2005) [www.nipc.org](http://www.nipc.org)

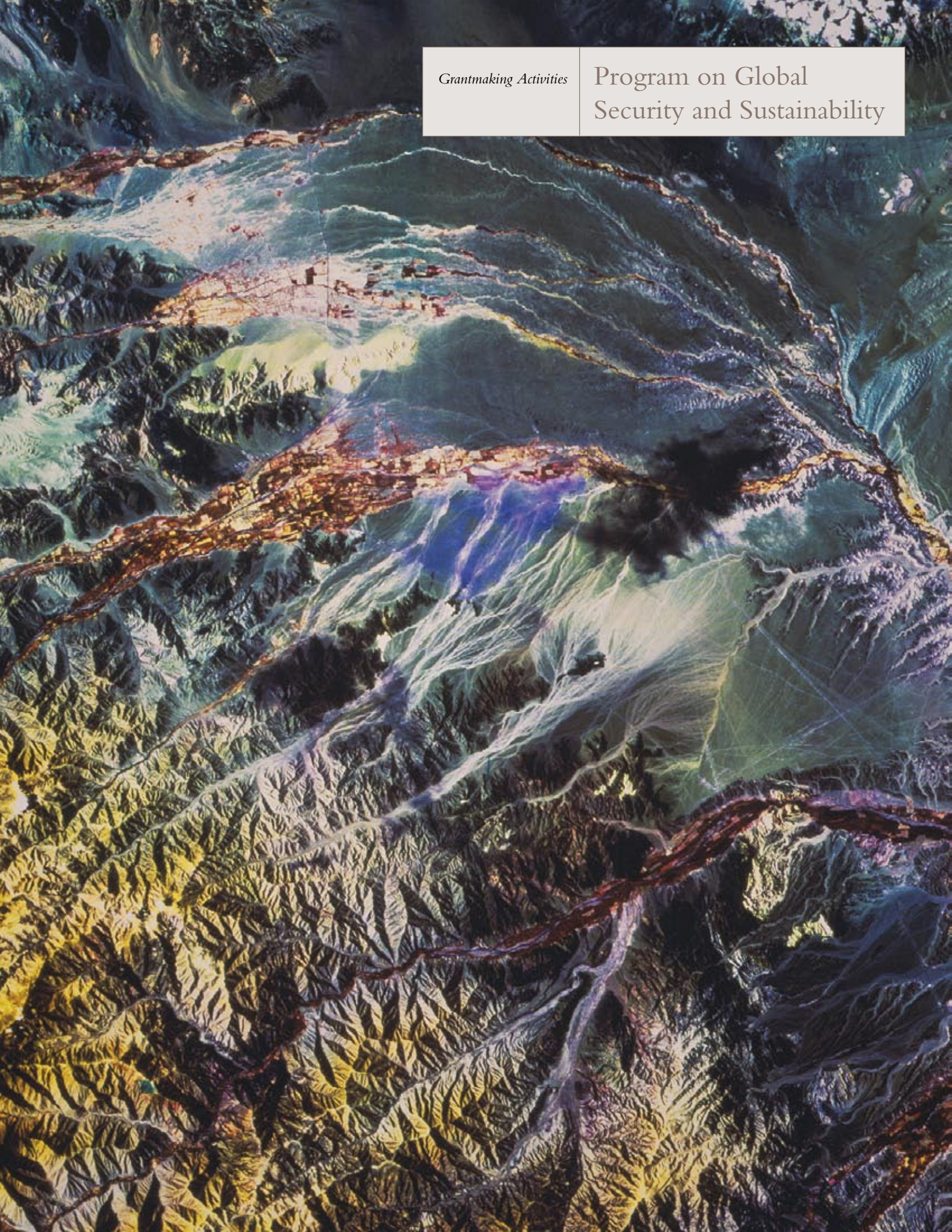
UNIVERSITY OF ILLINOIS AT CHICAGO, DEPARTMENT OF  
CRIMINAL JUSTICE, *Chicago, Illinois*

\$97,000 in support of an evaluation of community participation in the design and use of web-enabled tools to improve citizen/police relations and improve neighborhood safety. (2006) [www.uic.edu/depts/cjus](http://www.uic.edu/depts/cjus)



*Grantmaking Activities*

Program on Global  
Security and Sustainability



## Program on Global Security and Sustainability

### HUMAN RIGHTS AND INTERNATIONAL JUSTICE

HUMAN RIGHTS INTERNATIONAL ORGANIZATIONS  
MEXICO  
NIGERIA  
RUSSIA  
INTERNATIONAL JUSTICE

### INTERNATIONAL PEACE AND SECURITY

POLICY RESEARCH  
SCIENCE, TECHNOLOGY, AND SECURITY

### CONSERVATION AND SUSTAINABLE DEVELOPMENT

AFRICA  
ASIA-PACIFIC  
LATIN AMERICA  
RESEARCH AND DEVELOPMENT

### POPULATION AND REPRODUCTIVE HEALTH

INDIA  
MEXICO  
NIGERIA  
INTERNATIONAL

### HIGHER EDUCATION

RUSSIA  
AFRICA

### OTHER GRANTS



**Photo:** Landsat satellites collect information about Earth from space — remote sensing that enables scientists to chart and evaluate land cover change caused by both natural occurrences and human activity over time. Shown here: the Andes Mountains of Peru, a focus area for MacArthur’s conservation grantmaking. (See conservation grant descriptions starting on page 40.)

# PROGRAM ON GLOBAL SECURITY AND SUSTAINABILITY

Contact:

**GARY S. SAMORE**

Vice President,  
Global Security  
and Sustainability

(312) 726-8000

The Program on Global Security and Sustainability seeks to protect the security and well-being of people and the environment around the world. To meet these broad objectives, the international program focuses on several specific areas of activity. The Foundation works to encourage peace within and among countries, conserve global biological diversity, support responsible reproductive choices and reduction of maternal mortality, and protect human rights and strengthen the system of international justice. The Foundation funds work in 65 countries, with special emphasis on four important countries in different regions of the world: India, Mexico, Nigeria, and Russia.

During the past year, MacArthur has deepened its investment in core areas of international grantmaking. These include strengthening police reform and accountability in Nigeria, Mexico, and Russia; supporting the International Criminal Court and regional human rights courts; reducing the spread of nuclear weapons and materials by promoting greater security for nuclear materials and technology; preserving biodiversity in key biological “hotspots” around the world; and strengthening universities and academic infrastructure, especially in Russia and Nigeria.

The Foundation encourages work that recognizes the interactions among its core global concerns. We have also launched a new initiative on Global Migration and Human Mobility. The initiative will make grants in its first two years to institutions engaged in international migration research and policy analysis, with emphasis on international governance issues and the relation between migration and economic development.

For additional information about MacArthur programs and grantmaking guidelines, see the Foundation’s website, [www.macfound.org](http://www.macfound.org).

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# PROGRAM ON GLOBAL SECURITY AND SUSTAINABILITY

*Grants Authorized 2005*

## HUMAN RIGHTS AND INTERNATIONAL JUSTICE

*MacArthur seeks to strengthen and expand the human rights legal framework worldwide, with a special emphasis on Mexico, Nigeria, and Russia. It is dedicated to sustaining and expanding national and international human rights organizations and supporting the implementation of laws and treaties that protect human rights. Grants support work that contributes to governmental initiatives but also monitors government performance and accountability to their constitutions and international treaties. In our country-specific programs in Mexico, Nigeria, and Russia, we place a special emphasis on encouraging police reform, both to strengthen police performance and to prevent police abuse. Finally, support is given to further the international justice system, with an emphasis on key institutions such as the International Criminal Court and various regional human rights courts and commissions and emerging norms such as the responsibility to protect.*

## HUMAN RIGHTS INTERNATIONAL ORGANIZATIONS

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE,  
*Washington, D.C.*

\$110,000 in support of a pilot project on the application of geospatial technologies to human rights. [www.aaas.org](http://www.aaas.org)

AMERICAN CIVIL LIBERTIES UNION FOUNDATION,  
*New York, New York*

\$1,500,000 in support of the Safe and Free Program to protect civil liberties (over three years). [www.aclu.org](http://www.aclu.org)

BENETECH, *Palo Alto, California*

\$800,000 in support of using science and technology to promote human rights (over three years). [www.benetech.org](http://www.benetech.org)

COLUMBIA UNIVERSITY, *New York, New York*

\$100,000 for establishing a Center for Human Rights Documentation and Research to house the archives of leading human rights organizations. [www.columbia.edu/cu/humanrights](http://www.columbia.edu/cu/humanrights)

FEDERATION INTERNATIONALE DES LIGUES DES DROITS DE L'HOMME, *Paris, France*

\$465,000 in support of activities that facilitate victims and human rights NGOs' interaction and cooperation with the International Criminal Court (over three years). [www.fidh.org](http://www.fidh.org)

HARVARD LAW SCHOOL, BERKMAN CENTER FOR INTERNET AND SOCIETY, *Cambridge, Massachusetts*

\$3,000,000 in support of the Open Net Initiative (over four years).

\$50,000 in support of a conference on human rights and the Internet. [www.cyber.law.harvard.edu/home](http://www.cyber.law.harvard.edu/home)

HARVARD UNIVERSITY, JOHN F. KENNEDY SCHOOL OF GOVERNMENT CARR CENTER FOR HUMAN RIGHTS POLICY, *Cambridge, Massachusetts*

\$245,000 in support of greater use of measurement and quantitative indicators in human rights practice (over two years). [www.ksg.harvard.edu/cchpr](http://www.ksg.harvard.edu/cchpr)

HUMAN RIGHTS IN CHINA, *New York, New York*

\$400,000 for general operating support (over two years). [www.hrichina.org](http://www.hrichina.org)

HUMAN RIGHTS WATCH, *New York, New York*

\$50,000 for the creation and dissemination of a video, DVD, and still photographs to document and publicize the human rights crisis in northern Uganda. [www.hrw.org](http://www.hrw.org)

HUNGARIAN HELSINKI COMMITTEE, *Budapest, Hungary*

\$25,000 in support of the conference Human Rights in the Democracy Movement Twenty Years Ago—Human Rights Today. [www.helsinki.hu](http://www.helsinki.hu)

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INSTITUTE FOR HUMAN RIGHTS AND DEVELOPMENT IN AFRICA,  
*Banjul, Gambia*

\$395,000 in support of a project to develop litigation for the African Court on Human and Peoples' Rights (over three years). [www.africaninstitute.org](http://www.africaninstitute.org)

INTERIGHTS, INTERNATIONAL CENTRE FOR THE LEGAL PROTECTION OF HUMAN RIGHTS, *London, United Kingdom*

\$450,000 in support of the effective use of law to promote human rights (over three years). [www.interights.org](http://www.interights.org)

PHILANTHROPIC VENTURES FOUNDATION, *Oakland, California*

\$30,000 in support of the International Human Rights Funders Group project (over three years). [www.venturesfoundation.org](http://www.venturesfoundation.org)

UNIVERSITY OF CALIFORNIA, BERKELEY GRADUATE SCHOOL OF JOURNALISM, *Berkeley, California*

\$300,000 in support of the China Internet Project (over two years). [journalism.berkeley.edu/program/china-internet](http://journalism.berkeley.edu/program/china-internet)

## MEXICO

ACADEMIA MEXICANA DE DERECHOS HUMANOS,  
*Mexico City, Mexico*

\$210,000 to produce human rights shadow reports in eight Mexican states (over three years). [www.amdh.com.mx](http://www.amdh.com.mx)

CENTRO DE DERECHOS HUMANOS DE LA MONTANA,  
TLACHINOLLAN, *Tlapa de Comonfort, Mexico*

\$320,000 in support for the defense of the human rights of the indigenous people of the Mountain and Costa Chica regions of Guerrero (over three years). [www.tlachinollan.org](http://www.tlachinollan.org)

FUNDAR, CENTRO DE ANALISIS E INVESTIGACION,  
*Mexico City, Mexico*

\$450,000 in support of strengthening the public human rights commissions (over three years). [www.fundar.org.mx](http://www.fundar.org.mx)

INSTITUTO MEXICANO PARA EL DESARROLLO COMUNITARIO,  
*Guadalajara, Mexico*

\$320,000 to support the creation of a formal human rights network in the state of Jalisco (over three years). [www.imdec.net](http://www.imdec.net)

INSTITUTO PARA LA SEGURIDAD Y LA DEMOCRACIA,  
*Mexico City, Mexico*

\$320,000 in support of building models for police accountability and civil society capacity building (over two years). [www.insydeideas.org](http://www.insydeideas.org)

INSTITUTO TECNOLOGICO AUTONOMO DE MEXICO,  
*Mexico City, Mexico*

\$400,000 in support of monitoring and evaluating the performance of Mexico's National Commission for Human Rights (over three years). [www.itam.mx](http://www.itam.mx)

## NIGERIA

CENTRE FOR LAW ENFORCEMENT EDUCATION, *Ikeja, Nigeria*

\$330,000 for the conduct and use of a national crime victimization survey as a complementary and reliable source of information to official statistics on crime in Nigeria (over two years). [www.cleen.org](http://www.cleen.org)

GENDER AND DEVELOPMENT ACTION, *Lagos, Nigeria*

\$30,000 for technical support for women in the National Conference on Political Reforms in Nigeria. [www.gadanigeria.org](http://www.gadanigeria.org)

MOVEMENT FOR THE SURVIVAL OF THE OGO NI PEOPLE,  
*Port Harcourt, Nigeria*

\$100,000 for participatory monitoring of local government resources and improving accountability in Rivers State (over two years). [www.mosop.org](http://www.mosop.org)

NETWORK ON POLICE REFORM IN NIGERIA, *Ikeja, Nigeria*

\$300,000 in support of a research and advocacy project on abuse of human rights by police in Nigeria (over two years). [www.cleen.org/aboutnoprin.html](http://www.cleen.org/aboutnoprin.html)

NIGER DELTA HUMAN AND ENVIRONMENTAL RESCUE ORGANISATION, *Port Harcourt, Nigeria*

\$100,000 to monitor the resource flows of the Niger Delta Development Commission and other related key development institutions in Rivers State, Nigeria (over two years). [www.ndhero.org](http://www.ndhero.org)

WOMEN'S RIGHT ADVANCEMENT AND PROTECTION ALTERNATIVE, *Abuja, Nigeria*

\$250,000 in support of Islamic Family Law and Practices in Northwestern Nigeria (over three years).

## RUSSIA

ALLIANCE OF HUMAN RIGHTS ORGANIZATIONS IN SVERDLOVSK OBLAST, *Ekaterinburg, Russia*

\$60,000 in support of activities to combat police torture (over two years).

CENTER FOR INFORMATION RESEARCH, INSTITUTE OF THE USA AND CANADA, *Moscow, Russia*

\$70,000 in support of the development and maintenance of a publicly accessible electronic website with a full collection of the European Court for Human Rights documents, with Russian-language search tools (over two years).

CENTRAL-BLACKSOIL CENTER FOR PROTECTION OF MEDIA RIGHTS, *Voronezh, Russia*

\$225,000 in support of activities to protect media rights in Central Russia (over three years).

COMMITTEE FOR CIVIL RIGHTS, *Moscow, Russia*

\$300,000 in support of activities to combat police abuse in Moscow city and region (over three years).

CONSORTIUM OF WOMEN'S NON-GOVERNMENTAL ASSOCIATIONS, *Moscow, Russia*

\$225,000 in support of activities to protect women's rights in Russia, including collaboration with human rights ombudsmen at the federal and regional level (over three years). [www.wcons.org.ru](http://www.wcons.org.ru)

DONORS FORUM RUSSIA, *Moscow, Russia*

\$120,000 in support of communications and public relations activities aimed at enhancing strategy development and promoting positive public relations towards philanthropy in Russia (over three years). [www.donorsforum.ru](http://www.donorsforum.ru)

INDEM FOUNDATION, *Moscow, Russia*

\$160,000 in support of activities to promote the professionalization of the police force (over two years). [www.indem.ru](http://www.indem.ru)

INDEPENDENT COUNCIL OF LEGAL EXPERTISE, *Moscow, Russia*

\$600,000 in support of activities to facilitate reform of the courts and law enforcement agencies and improve mechanisms for the protection of human rights in Russia (over three years).

INTERREGIONAL HUMAN RIGHTS GROUP, *Voronezh, Russia*

\$225,000 in support of human rights networking activities in the Voronezh region of the Russian Federation (over three years).

JURIX, *Moscow, Russia*

\$200,000 in support of activities to promote the institution of human rights ombudsmen in the Russian Federation (over two years). [www.jurix.ru](http://www.jurix.ru)

MOSCOW CENTER FOR GENDER STUDIES, *Moscow, Russia*

\$225,000 in support of activities to promote women's human rights and gender equality in Russia (over three years). [www.gender.ru](http://www.gender.ru)

MOSCOW GUILD OF THEATER AND SCREEN ACTORS, *Moscow, Russia*

\$30,000 in support of the annual International Human Rights Film Festival.

PERM CIVIC CHAMBER, *Perm, Russia*

\$200,000 in support of activities to promote the human rights community in the Russian Federation (over two years).

PUBLIC COMMITTEE FOR THE PROTECTION OF HUMAN RIGHTS, *Krasnoyarsk, Russia*

\$150,000 in support of activities to combat police abuse in Krasnoyarsk region (over three years).

PUBLIC VERDICT FUND, *Moscow, Russia*

\$300,000 in support of a range of activities to combat police abuse in Russia (over three years). [www.publicverdict.org](http://www.publicverdict.org)

SARATOV LEGAL REFORM PROJECT, *Saratov, Russia*

\$650,000 in support of work on the reform of legal science, practice, and education in Russia (over three years).

YOUTH HUMAN RIGHTS MOVEMENT, *Voronezh, Russia*

\$225,000 in support of an antifascist campaign in the Voronezh region of the Russian Federation (over three years). [www.yhrq.elcat.kg](http://www.yhrq.elcat.kg)

## INTERNATIONAL JUSTICE

ALLIANCES FOR AFRICA, *Lagos, Nigeria*

\$400,000 in support of the establishment of an effective African Court on Human and Peoples' Rights (over three years). [www.alliancesforafrica.org](http://www.alliancesforafrica.org)

AMERICAN BAR ASSOCIATION FUND FOR JUSTICE AND EDUCATION, *Washington, D.C.*

\$50,000 in support of a symposium on the international rule of law. [www.abanet.org/fje](http://www.abanet.org/fje)

AVOCATS SANS FRONTIERES, *Brussels, Belgium*

\$250,000 in support of legal assistance for victims of human rights violations participating in the International Criminal Court case in Congo (over two years). [www.asf.be](http://www.asf.be)

CARE USA, *Atlanta, Georgia*

\$1,500,000 in support of humanitarian response to the tsunamis in Asia and to meet humanitarian needs in Darfur and the Democratic Republic of Congo. [www.careusa.org](http://www.careusa.org)

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DARFUR PEACE AND DEVELOPMENT ORGANIZATION,  
*Fort Wayne, Indiana*  
\$250,000 in support of the Darfur Atrocity Crimes  
Documentation Project. [www.darfurpeaceanddevelopment.org](http://www.darfurpeaceanddevelopment.org)

DEPAUL UNIVERSITY COLLEGE OF LAW INTERNATIONAL  
HUMAN RIGHTS LAW INSTITUTE, *Chicago, Illinois*  
\$32,400 in support of the International Criminal  
Court Judicial Capacity Strengthening Program.  
[www.law.depaul.edu/ihrli](http://www.law.depaul.edu/ihrli)

GLOBAL POLICY FORUM, *New York, New York*  
\$225,000 for strengthening NGO dialogue with the  
United Nations Security Council (over three years).  
[www.globalpolicy.org](http://www.globalpolicy.org)

INTERNATIONAL BAR ASSOCIATION, *London, United Kingdom*  
\$530,000 for an Evaluation and Educational program  
on the International Criminal Court (over two years).  
[www.ibanet.org](http://www.ibanet.org)

INTERNATIONAL CENTER FOR TRANSITIONAL JUSTICE,  
*New York, New York*  
\$440,000 in support of activities to strengthen the work  
of the International Criminal Court (over two years).  
[www.ictj.org](http://www.ictj.org)

REDRESS TRUST, *London, United Kingdom*  
\$20,000 in support of a seminar and assistance to the  
ICC on protection of victims and witnesses in Congo.  
[www.redress.org](http://www.redress.org)

TSINGHUA UNIVERSITY LAW SCHOOL, *Beijing, China*  
\$115,000 in support of training in basic legal knowledge  
for legal workers in judicial offices and village activists  
in rural areas. [www.tsinghua.edu](http://www.tsinghua.edu)

UNIVERSITY OF BRITISH COLUMBIA LIU INSTITUTE FOR  
GLOBAL ISSUES, *Vancouver, Canada*  
\$162,500 in support of activities in northern Uganda to  
implement traditional justice mechanisms and coordinate  
them with national and international justice efforts.  
[www.human-security-africa.ca](http://www.human-security-africa.ca)

UNIVERSITY OF CALIFORNIA, BERKELEY HUMAN RIGHTS  
CENTER, *Berkeley, California*  
\$175,000 in support of The Database Project: Supporting  
the Reintegration of Child Returnees of the Lord's  
Resistance Army. [www.hrcberkeley.org](http://www.hrcberkeley.org)

WOMEN'S INITIATIVES FOR GENDER JUSTICE, *The Hague,  
Netherlands*  
\$400,000 in support of activities to support training for  
victims and their legal representatives in the ICC's first  
cases and to address gender issues in national implement-  
ing legislation for the Rome Statute (over two years).  
[www.iccwomen.org](http://www.iccwomen.org)

WORLD FEDERALIST MOVEMENT - INSTITUTE FOR GLOBAL  
POLICY, *New York, New York*  
\$1,500,000 in support of general operations  
(over three years). [www.wfm.org](http://www.wfm.org)

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## INTERNATIONAL PEACE AND SECURITY

*The Foundation supports projects and institutions that address threats and dangers posed by the world's most dangerous weapons, including nuclear and biological weapons. Grantmaking is designed to impact public policy in order to help reduce arsenals and stockpiles, destroy or safeguard weapons materials, curb proliferation, and promote new approaches to cooperative security, especially in Asia. Through its Science, Technology, and Security Initiative, the Foundation seeks to strengthen independent scientific and technical advice available to policymakers. Support is provided to nine university centers in this initiative at Carnegie Mellon, Cornell, Georgia Tech, Harvard, Kings College, MIT, Princeton, Stanford, and the University of Illinois Urbana.*

## POLICY RESEARCH

ASPEN INSTITUTE, *Washington, D.C.*  
\$150,000 in support of a conference examining the future  
of China's foreign and security policy and the East Asian  
security situation. [www.aspeninstitute.org](http://www.aspeninstitute.org)

ASPEN INSTITUTE CONGRESSIONAL PROGRAM, *Washington, D.C.*  
\$1,500,000 in support of the Congressional Program  
(over three years). [www.aspeninstitute.org](http://www.aspeninstitute.org)

BEIHANG UNIVERSITY, SCHOOL OF ASTRONAUTICS,  
*Beijing, China*  
\$92,000 in support of technical research on space debris  
and other risks to spacecraft and satellites (over two years).  
[ev.buaa.edu.cn](http://ev.buaa.edu.cn)

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CARNEGIE ENDOWMENT FOR INTERNATIONAL PEACE,  
*Washington, D.C.*

\$200,000 in support of the Non-Proliferation Project's activities to promote a new international nonproliferation strategy. [www.ceip.org](http://www.ceip.org)

CENTER FOR ARMS CONTROL AND NON-PROLIFERATION,  
*Washington, D.C.*

\$450,000 in support of policy research and outreach to reduce the dangers associated with nuclear, biological, and space weapons (over three years). [www.armscontrolcenter.org](http://www.armscontrolcenter.org)

CENTER FOR NATIONAL POLICY, *Washington, D.C.*

\$250,000 in support of a project to inform and engage Congress on reducing the risks posed by global stores of fissile material (over two years). [www.cnponline.org](http://www.cnponline.org)

CENTER FOR STRATEGIC AND BUDGETARY ASSESSMENTS,  
*Washington, D.C.*

\$250,000 in support of budget research and analysis on national spending to reduce the dangers associated with nuclear, biological, and space weapons (over two years). [www.csbaonline.org](http://www.csbaonline.org)

CENTER FOR STRATEGIC AND INTERNATIONAL STUDIES,  
*Washington, D.C.*

\$300,000 in support of the educational briefings of the Congressional Proliferation Prevention Forum (over three years). [www.csis.org](http://www.csis.org)

CITY COLLEGE, *New York, New York*

\$100,000 in support of scholarship and analysis of the United Nations Secretary-General's contributions to international peace and security during the term of Kofi Annan through the organization and publishing of his papers. [www.cny.cuny.edu](http://www.cny.cuny.edu)

COLLEGE OF WILLIAM AND MARY, *Williamsburg, Kentucky*

\$56,000 to identify new directions in foreign policy research that address major challenges to international peace and security. [www.um.edu](http://www.um.edu)

COUNCIL ON FOREIGN RELATIONS, *New York, New York*

\$525,000 in support of research and outreach to reduce the dangers associated with nuclear weapons and technology (over three years). [www.cfr.org](http://www.cfr.org)

GEORGE WASHINGTON UNIVERSITY, ELLIOTT SCHOOL OF INTERNATIONAL AFFAIRS, *Washington, D.C.*

\$200,000 in support of policy research on federal budget priorities for promoting national and international security (over two years). [www.gwu.edu](http://www.gwu.edu)

GEORGE WASHINGTON UNIVERSITY, SPACE POLICY INSTITUTE,  
*Washington, D.C.*

\$175,000 to bring international perspectives on space security to the attention of U.S. policymakers (over two years).

HENRY L. STIMSON CENTER, *Washington, D.C.*

\$300,000 in support of a project to educate, inform, and engage policymakers on cooperative efforts to secure and eliminate nuclear and biological weapons (over two years). [www.stimson.org](http://www.stimson.org)

INTERNATIONAL INSTITUTE FOR STRATEGIC STUDIES,  
*London, United Kingdom*

\$300,000 in support of transatlantic cooperation to prevent nuclear proliferation (over two years). [www.iiiss.org](http://www.iiiss.org)

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, SECURITY STUDIES PROGRAM, *Cambridge, Massachusetts*

\$150,000 in support of policy research on federal budget priorities for promoting national and international security (over two years). [www.mit.edu/ssp](http://www.mit.edu/ssp)

MONTEREY INSTITUTE OF INTERNATIONAL STUDIES, *Monterey, California*

\$200,000 to assess nuclear proliferation dangers posed by non-state actors. [www.miiis.edu](http://www.miiis.edu)

PHILANTHROPY ROUNDTABLE, *Washington, D.C.*

\$10,000 in support of an educational workshop on strategies to reduce international terrorism. [www.philanthropyroundtable.org](http://www.philanthropyroundtable.org)

PRINCETON UNIVERSITY, WOODROW WILSON SCHOOL OF PUBLIC AND INTERNATIONAL AFFAIRS, *Princeton, New Jersey*

\$50,000 in support of a workshop to develop the concept of an International Panel on Fissile Material.

\$2,200,000 in support of an independent International Panel on Fissile Materials (over five years). [www.uws.princeton.edu](http://www.uws.princeton.edu)

STANFORD UNIVERSITY, CENTER FOR INTERNATIONAL SECURITY AND COOPERATION, *Stanford, California*

\$400,000 in support of the Project on Peace and Cooperation in the Asia-Pacific Region (over two years). [siis.stanford.edu](http://siis.stanford.edu)

U.S. PUGWASH, *Washington, D.C.*

\$68,000 to translate and make available analytic and opinion pieces on international security and weapons of mass destruction issues to Arabic and Farsi-speaking audiences (over two years). [www.pugwash.org/organization/usa/index.htm](http://www.pugwash.org/organization/usa/index.htm)

## SCIENCE, TECHNOLOGY, AND SECURITY

CARNEGIE MELLON UNIVERSITY, DEPARTMENT OF ENGINEERING AND PUBLIC POLICY, *Pittsburgh, Pennsylvania*

\$2,000,000 to support research on national and international security problems of a scientific and technical nature (over five years). [www.epp.cmu.edu](http://www.epp.cmu.edu)



CENTER FOR MEDIA AND SECURITY, *Millwood, New York*  
\$143,000 for the project Science, Technology and Security Policy: Enhancing Media and Public Understanding (over two years). [www.cmsdv.org](http://www.cmsdv.org)

CHINA ARMS CONTROL AND DISARMAMENT ASSOCIATION, *Beijing, China*  
\$100,000 to support policy research on efforts to control and limit the spread of biological weapons (over two years). [www.cacda.org.cn](http://www.cacda.org.cn)

CHINA FOUNDATION FOR INTERNATIONAL AND STRATEGIC STUDIES, *Beijing, China*  
\$100,000 in support of research by Chinese technical and policy experts on non-state proliferation networks (over two years).

CITY UNIVERSITY OF NEW YORK, *New York, New York*  
\$50,000 in support of a conference examining the role of university scholarship in promoting public understanding of terrorism and responses to terrorism. [www.rfcuny.org](http://www.rfcuny.org)

CORNELL UNIVERSITY, PEACE STUDIES PROGRAM, *Ithaca, New York*  
\$1,860,000 in support of training and research on security issues with a scientific and technical dimension (over five years). [www.einaudi.cornell.edu/PeaceProgram](http://www.einaudi.cornell.edu/PeaceProgram)

DARMSTADT UNIVERSITY OF TECHNOLOGY, INTERDISCIPLINARY RESEARCH GROUP, SCIENCE TECHNOLOGY AND SECURITY, *Darmstadt, Germany*  
\$88,000 to organize a research network on technologies to detect nuclear material production. [www.tu-darmstadt.de/Welcome.en.html](http://www.tu-darmstadt.de/Welcome.en.html)

GEORGIA TECH RESEARCH CORPORATION, *Atlanta, Georgia*  
\$1,840,000 in support of the project to train a new generation of scientists and engineers in technical research and policy analysis of security issues (over five years). [www.gtrc.gatech.edu](http://www.gtrc.gatech.edu)

INSTITUTE OF APPLIED PHYSICS AND COMPUTATIONAL MATHEMATICS, *Beijing, China*  
\$200,000 in support of technical discussions between scientists from China, the United States, and other countries on major security issues (over three years). [www.fas.org](http://www.fas.org)

LANDAU NETWORK-CENTRO VOLTA CENTRO DI CULTURA SCIENTIFICA ALESSANDRO VOLTA, *Como, Italy*  
\$150,000 in support of nuclear confidence-building measures and threat reduction efforts in South Asia (over three years). [www.centrovolta.it](http://www.centrovolta.it)

NATIONAL ACADEMY OF SCIENCES, COMMITTEE ON INTERNATIONAL SECURITY AND ARMS CONTROL, *Washington, D.C.*  
\$975,000 in support of technical studies and international dialogue aimed at reducing the dangers posed by nuclear and biological weapons (over three years). [www.nationalacademies.org/cisac](http://www.nationalacademies.org/cisac)

PEKING UNIVERSITY, SCHOOL OF INTERNATIONAL STUDIES, INTERNATIONAL SECURITY PROGRAM, *Beijing, China*  
\$150,000 in support of training and research on science and security issues in the International Security Program (over two years).

PRINCETON UNIVERSITY, WOODROW WILSON SCHOOL OF PUBLIC AND INTERNATIONAL AFFAIRS, *Princeton, New Jersey*  
\$2,250,000 in support of research, training, and collaboration with independent analysts worldwide on issues at the intersection of science, technology, and security (over five years). [www.wvus.princeton.edu](http://www.wvus.princeton.edu)

PUGWASH CONFERENCES ON SCIENCE AND WORLD AFFAIRS, *Rome, Italy*  
\$525,000 in support of a website and publications on the control and elimination of weapons of mass destruction, and for maintaining communications among scientists worldwide on regional and international security (over three years). [www.pugwash.org](http://www.pugwash.org)

TSINGHUA UNIVERSITY, INSTITUTE OF INTERNATIONAL STUDIES, *Beijing, China*  
\$120,000 in support of the journal *Science of International Politics* (over two years).  
\$250,000 in support of training and research on science and security issues in the Arms Control Program (over three years). [www.tsinghua.edu.cn](http://www.tsinghua.edu.cn)

U.S. PUGWASH, *Washington, D.C.*  
\$225,000 in support of a website and publications on the control and elimination of weapons of mass destruction, and for maintaining communications among scientists worldwide on regional and international security (over three years). [www.pugwash.org/organization/usa/index.htm](http://www.pugwash.org/organization/usa/index.htm)

UNIVERSITY OF CALIFORNIA, BERKELEY, RICHARD AND RHODA GOLDMAN SCHOOL OF PUBLIC POLICY, *Berkeley, California*  
\$85,000 in support of a workshop and outreach activities to develop community-wide standards in the field of synthetic biology to ensure responsible development and minimize the potential for accidents or terrorism. [gspp.berkeley.edu](http://gspp.berkeley.edu)

UNIVERSITY OF GEORGIA FOUNDATION, *Athens, Georgia*  
\$125,000 in support of training and workshops in partnership with the China Arms Control and Disarmament Association (over two years). [jafos.alumni.uga.edu](http://jafos.alumni.uga.edu)

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## CONSERVATION AND SUSTAINABLE DEVELOPMENT

*MacArthur is dedicated to conserving biodiversity and enhancing knowledge of how to use natural resources sustainably over the long term. Work is supported in a small number of tropical bio-geographic zones, chosen for their richness of species diversity, endemism, limited institutional capacity, and level of threat. We support such biodiversity “hotspots” in the Northern and Southern Andes, the Albertine Rift, Eastern Himalayas, Madagascar, Lower Mekong, and Melanesia. MacArthur also funds projects to build and strengthen the conservation capacity of local, regional, and national organizations, as well as research exploring conservation approaches that address the important interaction between people and protected areas.*

### AFRICA

AFRICAN WILDLIFE FOUNDATION, *Washington, D.C.*

\$450,000 to strengthen long-term management capacity for conservation and to provide short-term emergency support in the Virunga-Bwindi trans-boundary region of the Albertine Rift (over three years). [www.awf.org](http://www.awf.org)

CONSERVATION THROUGH PUBLIC HEALTH, *Port Townsend, Washington*

\$190,000 in support of building Uganda Wildlife Authority’s capacity for wildlife health monitoring (over three years). [www.ctph.org](http://www.ctph.org)

FAUNA AND FLORA INTERNATIONAL, *Washington, D.C.*

\$370,000 in support of enhanced protected area management in Uganda through the incorporation of local cultural values (over three years). [www.fauna-flora.org](http://www.fauna-flora.org)

GREENWATCH, *Kampala, Uganda*

\$280,000 in support of capacity building for Ugandan judicial and law enforcement officers (over three years). [www.greenwatch.or.ug](http://www.greenwatch.or.ug)

MAKERERE UNIVERSITY INSTITUTE OF ENVIRONMENT AND NATURAL RESOURCES, *Kampala, Uganda*

\$220,000 in support of building capacity for conservation training in Uganda (over three years). [www.makerere.ac.ug](http://www.makerere.ac.ug)

MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY INSTITUTE OF TROPICAL FOREST CONSERVATION, *Kabale, Uganda*

\$270,000 in support of strengthening adaptive management of conservation landscapes in the Albertine Rift (over three years). [www.must.ac.ug](http://www.must.ac.ug)

NATIONAL UNIVERSITY OF RWANDA DEPARTMENT OF BIOLOGY, *Butare, Rwanda*

\$390,000 to provide quality conservation sciences courses and training for undergraduate students from Rwanda and neighboring countries in the Albertine Rift (over three years). [www.nur.ac.rw](http://www.nur.ac.rw)

OFFICE RWANDAIS DU TOURISME ET DES PARCS NATIONAUX, *Kigali, Rwanda*

\$500,000 in support of the establishment of a conservation training center (over three years). [www.rwandatourism.com](http://www.rwandatourism.com)

UGANDA WILDLIFE AUTHORITY, *Kampala, Uganda*

\$215,000 in support of improved management of Rwenzori Mountains National Park (over three years). [www.uwa.or.ug](http://www.uwa.or.ug)

UNIVERSITY OF EAST ANGLIA OVERSEAS DEVELOPMENT GROUP, *Norwich, United Kingdom*

\$160,000 in support of developing models for cross-scale conservation partnerships in Rwanda (over three years). [www.uea.ac.uk/dev/odg](http://www.uea.ac.uk/dev/odg)

WILDLIFE CONSERVATION SOCIETY, *Bronx, New York*

\$300,000 in support of regional collaboration and NGO capacity building in the Albertine Rift region (over three years).

\$470,000 in support of planning, capacity building, and coordination for landscape-level conservation across four nations of the Albertine Rift (over three years). [www.wcs.org](http://www.wcs.org)

### ASIA-PACIFIC

CALIFORNIA ACADEMY OF SCIENCES, *San Francisco, California*

\$225,000 to undertake biodiversity surveys of the Gaoligong Mountain Range in collaboration with Chinese partner agencies in Yunnan Province (over three years). [www.calacademy.org](http://www.calacademy.org)

COLUMBIA UNIVERSITY CENTER FOR UNITED STATES-CHINA ARTS EXCHANGE, *New York, New York*

\$400,000 to strengthen the management and conservation capacity of Gaoligongshan National Nature Reserve in Yunnan Province (over three years). [www.columbia.edu/cu/china](http://www.columbia.edu/cu/china)

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COMMUNITY FORESTRY INTERNATIONAL, *Santa Barbara, California*

\$350,000 in support of developing a regional community forestry policy framework for the states of Northeast India (over three years). [www.communityforestryinternational.org](http://www.communityforestryinternational.org)

INNER ASIAN CONSERVATION, *Hamden, Connecticut*

\$320,000 in support of developing new protected areas by working with local communities and the state government of Arunachal Pradesh in Northeast India (over three years).

INTERNATIONAL CENTRE FOR INTEGRATED MOUNTAIN DEVELOPMENT, *Kathmandu, Nepal*

\$315,000 to strengthen institutional and policy innovations for conservation across international boundaries in the Eastern Himalaya region, using the Kangchenjunga landscape as the case study (over three years). [www.icimod.org](http://www.icimod.org)

MOUNTAIN INSTITUTE, *Washington, D.C.*

\$300,000 to promote effective conservation management of the Kangchenjunga landscape in eastern Nepal and the Indian state of Sikkim through directed community participation (over three years). [www.mountain.org](http://www.mountain.org)

RESOURCES HIMALAYA FOUNDATION, *Kathmandu, Nepal*

\$150,000 to provide scientific and technical training and support for conservation organizations in the Eastern Himalaya (over three years). [www.resourcehimalaya.org](http://www.resourcehimalaya.org)

ROYAL SOCIETY FOR THE PROTECTION OF NATURE, *Thimphu, Bhutan*

\$215,000 in support of implementing the management plan for Phobjikha Conservation Area in cooperation with the local community (over three years). [www.rspn-bhutan.org](http://www.rspn-bhutan.org)

UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION, *New Delhi, India*

\$200,000 to study and learn from the traditional ecological knowledge systems of the indigenous peoples of Northeast India (over three years). [www.unesco.org](http://www.unesco.org)

WORLD RESOURCES INSTITUTE, *Washington, D.C.*

\$145,000 to develop guidelines for good environmental governance to assist the processes and institutions involved in decision making in Yunnan Province, China (over two years). [www.wri.org](http://www.wri.org)

WORLD WILDLIFE FUND, *Washington, D.C.*

\$300,000 in support of the formal establishment of the first-ever community-managed protected area in Nepal (over three years).

\$700,000 to assist the Royal Government of Bhutan in strengthening the corridor system that connects the protected areas of Bhutan into a single continuous landscape (over three years). [www.worldwildlife.org](http://www.worldwildlife.org)

## LATIN AMERICA

AMAZON CONSERVATION ASSOCIATION, *Washington, D.C.*

\$250,000 in support of research and conservation of the Pampas del Heath in Madidi National Park buffer zone, Bolivia (over three years). [www.amazonconservation.org](http://www.amazonconservation.org)

AMERICAN MUSEUM OF NATURAL HISTORY, *New York, New York*

\$225,000 to develop and test a set of training modules in biodiversity and conservation science targeting conservation professionals and university educators to strengthen conservation management in the Southern Andes (over three years). [www.amnh.org](http://www.amnh.org)

BIRDLIFE INTERNATIONAL, *Cambridge, United Kingdom*

\$58,000 in support of conservation and management of Cockpit Country Forest Reserve, Jamaica (over two years). [www.birdlife.org](http://www.birdlife.org)

CENTRO DE CONSERVACION, INVESTIGACION Y MANEJO DE AREAS NATURALES, CORDILLERA AZUL, *Lima, Peru*

\$300,000 in support of the management and strengthened protection of Cordillera Azul National Park in Peru (over three years).

CENTRO PARA EL DESARROLLO DEL INDIGENA AMAZONICO, *La Perla, Peru*

\$275,000 in support of conservation and management of Machiguenga and Megantoni protected areas in Central Peru (over three years). [www.cedia.org.pe](http://www.cedia.org.pe)

FIELD MUSEUM, *Chicago, Illinois*

\$200,000 in support of training conservation communicators in priority protected areas of Bolivia and Peru (over three years). [www.fieldmuseum.org](http://www.fieldmuseum.org)

FUNDACION AMIGOS DE LA NATURALEZA, *Santa Cruz, Bolivia*

\$250,000 in support of buffer zone management of Amboro National Park, Bolivia (over two years). [www.fan-bo.org](http://www.fan-bo.org)

- FUNDACION CAYETANO HEREDIA, *Lima, Peru*  
\$250,000 in support of establishing the first graduate program in conservation science in Peru (over three years). [www.upch.edu.pe](http://www.upch.edu.pe)
- FUNDACION PARA EL DESARROLLO DEL SISTEMA NACIONAL DE AREAS PROTEGIDAS, *La Paz, Bolivia*  
\$150,000 to strengthen local fundraising capacity in priority protected areas and implement a fundraising program for university conservation training programs in Bolivia (over two years). [www.fundesnap.org](http://www.fundesnap.org)
- FUNDACION YANGAREKO, *Santa Cruz, Bolivia*  
\$300,000 to strengthen local capacity to co-manage Manuripi Wildlife Reserve and buffer zone in Western Pando, Bolivia (over three years).
- INSTITUTO DEL BIEN COMUN, *Lima, Peru*  
\$235,000 to improve fisheries management and build local capacity to protect the Pachitea watershed of central Peru (over three years). [www.ibcperu.org](http://www.ibcperu.org)
- LIGA PARA LA DEFENSA DEL MEDIO AMBIENTE, *La Paz, Bolivia*  
\$100,000 to widely disseminate information, research, and analysis about biodiversity conservation and sustainable development that should be considered in the drafting of the new Bolivian Constitution (over two years). [www.lidema.org.bo](http://www.lidema.org.bo)
- ORGANIZATION FOR TROPICAL STUDIES, *Durham, North Carolina*  
\$200,000 to establish field courses for conservation practitioners in Peru (over three years). [www.ots.duke.edu](http://www.ots.duke.edu)
- PROFONANPE, *Lima, Peru*  
\$90,000 in support of implementing a fundraising strategy for Peru's protected area system and conservation training programs in national universities (over two years). [www.profonanpe.org.pe](http://www.profonanpe.org.pe)
- SOCIEDAD PERUANA DE DERECHO AMBIENTAL, *Lima, Peru*  
\$400,000 to support the development and application of legal tools and policies for effective protection of Peru's biological diversity at the regional and municipal levels and within the protected area system (over three years). [www.spda.org.pe](http://www.spda.org.pe)
- UNIVERSIDAD NACIONAL DE LA AMAZONIA PERUANA ESCUELA DE POST GRADO, *Iquitos, Peru*  
\$200,000 to strengthen an interdisciplinary graduate program for conservation professionals in the Peruvian Amazon (over three years). [www.unapiquitos.edu.pe](http://www.unapiquitos.edu.pe)
- UNIVERSITY OF FLORIDA, GEOGRAPHY DEPARTMENT, *Gainesville, Florida*  
\$245,000 in support of conservation of migratory fish in the Madre de Dios watershed in Peru (over two years). [www.ufl.edu](http://www.ufl.edu)
- WILDLIFE CONSERVATION SOCIETY, *Bronx, New York*  
\$350,000 to strengthen community natural resource management in the Greater Madidi Landscape, Bolivia and Peru (over three years). [www.wcs.org](http://www.wcs.org)
- WORLD WILDLIFE FUND, *Washington, D.C.*  
\$200,000 to improve fisheries management and protection of Abanico del Pastaza wetlands in Northern Peru (over three years). [www.worldwildlife.org](http://www.worldwildlife.org)
- ## RESEARCH AND DEVELOPMENT
- CARNEGIE INSTITUTION OF WASHINGTON, DEPARTMENT OF GLOBAL ECOLOGY, *Stanford, California*  
\$160,000 in support of expanding local capability to map forest disturbances in Peruvian forests. [globalecology.stanford.edu](http://globalecology.stanford.edu)
- CHURCHILL NORTHERN STUDIES CENTRE, *Churchill, Canada*  
\$103,000 to strengthen institutional capacity. [www.churchillmb.net](http://www.churchillmb.net)
- INDIANA UNIVERSITY, WORKSHOP IN POLITICAL THEORY AND POLICY ANALYSIS, *Bloomington, Indiana*  
\$145,000 in transition support for the International Forestry Resources and Institutions (IFRI) research network (over three years). [www.indiana.edu/~workshop](http://www.indiana.edu/~workshop)
- INTERNATIONAL INSTITUTE FOR SUSTAINABLE DEVELOPMENT, *Winnipeg, Canada*  
\$325,000 in support of integrating peace and conflict impact assessments into conservation interventions in the Albertine Rift (over two years). [www.iisd.org](http://www.iisd.org)
- INTERNATIONAL UNION FOR CONSERVATION OF NATURE AND NATURAL RESOURCES-UNITED STATES, *Washington, D.C.*  
\$300,000 to facilitate the exchange of scientific ideas and generation of new management tools for coral reef ecosystems that are under stress due to the effects of global climate change (over three years). [www.iucn.org/places/usa](http://www.iucn.org/places/usa)

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NATURE CONSERVANCY ASIA/PACIFIC REGION, *Honolulu, Hawai'i*  
\$500,000 to develop practical methods for applying resilience principles to coral reef conservation and sharing the science and methodology of coral resilience through training programs in areas of high coral reef importance around the world (over three years).  
[nature.org/wherewework/asiapacific](http://nature.org/wherewework/asiapacific)

STANFORD UNIVERSITY, INSTITUTE FOR THE ENVIRONMENT, *Stanford, California*  
\$350,000 in support of a demonstration project that applies benefit-cost analytical tools to ecosystem management and ecosystem services at the landscape scale in three test sites in Africa, China, and California (over three years). [environment.stanford.edu](http://environment.stanford.edu)

UNIVERSITY OF MICHIGAN, SCHOOL OF NATURAL RESOURCES AND ENVIRONMENT, *Ann Arbor, Michigan*  
\$305,000 in transition support for the International Forestry Resources and Institutions (IFRI) research network (over three years). [www.snre.umich.edu](http://www.snre.umich.edu)

WILDLIFE TRUST, *Palisades, New York*  
\$200,000 in support of *EcoHealth*, a scholarly journal linking ecological change and health (over three years). [www.wildlifetrust.org](http://www.wildlifetrust.org)

WORLD BANK INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT, *Washington, D.C.*  
\$500,000 in support of the Development Marketplace to incubate innovative mechanisms to conserve biodiversity. [www.worldbank.org](http://www.worldbank.org)

WORLD WILDLIFE FUND, *Washington, D.C.*  
\$350,000 to explore measures of the effectiveness of the conservation community in addressing the social dimensions of conservation (over three years).  
[www.worldwildlife.org](http://www.worldwildlife.org)

YALE UNIVERSITY, SCHOOL OF FORESTRY AND ENVIRONMENTAL STUDIES, *New Haven, Connecticut*  
\$250,000 to establish Online Access to Research in the Environment (over three years). [www.yale.edu/forestry](http://www.yale.edu/forestry)

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## POPULATION AND REPRODUCTIVE HEALTH

*MacArthur grantmaking reflects a comprehensive approach to reproductive and sexual health and rights, one that places women's well-being at the center of population policy and emphasizes the rights of individuals to determine and plan family size. Through its offices in India, Mexico, and Nigeria, the Foundation makes grants that support efforts to reduce maternal mortality and morbidity and to encourage responsible sexual behavior by adolescents.*

### INDIA

ACADEMY FOR NURSING STUDIES, *Hyderabad, India*  
\$200,000 to reduce maternal mortality and morbidity through skill building and gender sensitization of Auxiliary Nurse Midwives in rural Gujarat (over three years).

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, *Cambridge, Massachusetts*  
\$165,000 to develop monitoring and evaluation capacity of local organizations in India (over two years).  
[web.mit.edu](http://web.mit.edu)

NEHRU FOUNDATION FOR DEVELOPMENT, *Ahmedabad, India*  
\$250,000 to reduce maternal mortality and morbidity through Traditional Birth Attendants and Auxiliary Nurse Midwives in rural Gujarat (over three years).  
[www.nfdindia.org](http://www.nfdindia.org)

POPULATION COUNCIL, *New York, New York*  
\$510,000 in support of a program to develop leadership skills of individuals working in reproductive and sexual health, especially in areas of young people and maternal mortality and morbidity in India (over two years).  
[www.popcouncil.org](http://www.popcouncil.org)

PUBLIC SERVICE BROADCASTING TRUST, *New Delhi, India*  
\$315,000 to produce a series of documentary films for national public television in India related to population and reproductive health with a special focus on increasing awareness of young people's sexual and reproductive health and rights. [www.psbt.org](http://www.psbt.org)

SEVA MANDIR, *Udaipur, India*  
\$280,000 in support of a project to develop and evaluate community-based interventions to reduce maternal mortality and morbidity in the Udaipur district of rural Rajasthan (over three years). [www.sevamandir.org](http://www.sevamandir.org)

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ST. JOHN'S NATIONAL ACADEMY OF HEALTH SCIENCES,  
*Bangalore, India*  
\$8,500 for strengthening a community outreach and training center in the city of Bangalore.

## MEXICO

AFLUENTES, *Mexico City, Mexico*

\$50,000 to research NGO-government collaboration experiences in the field of sexual and reproductive health and rights in Mexico (over two years).  
[www.afluentes.org/inicio.php](http://www.afluentes.org/inicio.php)

ARTICLE 19, *London, United Kingdom*

\$30,000 in support of improving access to government information related to youth sexual and reproductive health services in Mexico. [www.article19.org](http://www.article19.org)

ASESORIA, CAPACITACION Y ASISTENCIA EN SALUD,  
*San Cristobal de las Casas, Mexico*

\$180,000 in support of developing social outreach strategies for engaging rural indigenous communities in preventing maternal death (over three years).

CENTRO MUJERES, *La Paz, Mexico*

\$130,000 in support of improving young people's sexual and reproductive health and rights in the state of Baja California Sur (over two years). [www.centromujeresmexico.org](http://www.centromujeresmexico.org)

COMUNICACION E INFORMACION DE LA MUJER,  
*Mexico City, Mexico*

\$150,000 in support of increasing media coverage of maternal mortality and morbidity (over three years).

CONSORCIO PARA EL DIALOGO PARLAMENTARIO Y LA EQUIDAD,  
ASOCIACION CIVIL, *Mexico City, Mexico*

\$170,000 in support of improving parliamentary debate and knowledge of maternal mortality and morbidity, including Mexico's national and international commitments related to reducing the maternal mortality ratio (over three years). [www.consortio.org.mx](http://www.consortio.org.mx)

DEMOCRACIA Y SEXUALIDAD, *Mexico City, Mexico*

\$240,000 in support of a national sexuality education campaign and improvement of government reproductive and sexual health services to youth (over three years). [www.demysex.org.mx](http://www.demysex.org.mx)

FORO NACIONAL DE MUJERES Y POLITICAS DE POBLACION  
CAPITULO DISTRITO FEDERAL, *Mexico City, Mexico*

\$150,000 to improve federal public policy for maternal mortality and morbidity reduction and increasing visibility of the issue among policymakers (over three years).

\$190,000 in support of increasing access to emergency obstetric care in the Southern Sierra region of Oaxaca state (over three years).

FUNDAR, CENTRO DE ANALISIS E INVESTIGACION,  
*Mexico City, Mexico*

\$270,000 in support of research and dissemination of information regarding public budgetary allocations for maternal health and reducing maternal death (over three years). [www.fundar.org.mx](http://www.fundar.org.mx)

INVESTIGACION EN SALUD Y DEMOGRAFIA, *Mexico City, Mexico*

\$200,000 to continue and disseminate a longitudinal survey on sexual and reproductive health of young women ages 12-19 in rural communities of Oaxaca (over 27 months).

\$255,000 in support of strengthening NGO skills in monitoring and evaluation of work to advance youth sexual and reproductive health and rights and decrease maternal mortality (over three years).

ROSARIO CASTELLANOS—GRUPO DE ESTUDIOS SOBRE LA MUJER,  
*Oaxaca, Mexico*

\$210,000 in support of scaling up of a training model for preventing maternal mortality with government health workers from the Oaxaca Ministry of Health and IMSSOportunidades (over three years).  
[www.oaxaca-mio.com](http://www.oaxaca-mio.com)

SALUD INTEGRAL PARA LA MUJER, *Mexico City, Mexico*

\$190,000 in support of consolidating and scaling up a model for increasing use of reproductive and sexual health services by public high school students (over three years).

UNIDAD DE ATENCION SICOLOGICA, SEXOLOGICA Y EDUCATIVA  
PARA EL CRECIMIENTO PERSONAL, *Merida, Mexico*

\$150,000 in support of documenting and scaling up a model of reproductive and sexual health services for young people (over three years).

## NIGERIA

ADOLESCENT HEALTH AND INFORMATION PROJECTS,  
*Kano, Nigeria*

\$330,000 in support of implementation of the Family Life and HIV/AIDS Education Curriculum in Kano State (over three years).

MANAGEMENT STRATEGIES FOR AFRICA, *Ilford, United Kingdom*

\$240,000 in support of building a constituency to advocate for and ensure the successful implementation of the national sexuality education curriculum (over two years). [www.msforafrica.org](http://www.msforafrica.org)

## INTERNATIONAL

CALIFORNIA CENTER FOR POPULATION RESEARCH,  
*Los Angeles, California*

\$86,000 in support of improving research on the demographic dividend by integrating geographic information system data into an ongoing population-based survey in Indonesia to enhance information about changes in age structure and contraceptive use after the December 2004 tsunami. [www.cpr.ucla.edu/asp/index.asp](http://www.cpr.ucla.edu/asp/index.asp)

CATHOLICS FOR A FREE CHOICE, *Washington, D.C.*

\$600,000 in support of educational and advocacy efforts on population and reproductive health in Europe and in the United Nations system (over three years). [www.catholicsforchoice.org](http://www.catholicsforchoice.org)

DEUTSCHE STIFTUNG WELTBEVOLKERUNG, *Hannover, Germany*

\$250,000 in support of educational efforts with policymakers within the European Union to ensure support for population and reproductive health (over two years). [www.dsw-online.de/english](http://www.dsw-online.de/english)

DEVELOPMENT ALTERNATIVES WITH WOMEN FOR A NEW ERA,  
*Calabar, Nigeria*

\$300,000 in support of analysis and advocacy linking sexual and reproductive health and rights to the Millennium Development Goals in countries of the Global South (over three years). [www.dawn.org](http://www.dawn.org)

FAMILY CARE INTERNATIONAL, *New York, New York*

\$50,000 in support of creating educational materials to illustrate the relationship between reproductive health and achievement of the Millennium Development Goals (over sixteen months). [www.familycareintl.org](http://www.familycareintl.org)

FAMILY VIOLENCE PREVENTION FUND, *San Francisco, California*

\$140,000 in support of reducing social causes of maternal mortality and morbidity in Chiapas and Oaxaca, Mexico (over 18 months). [www.fvpf.org](http://www.fvpf.org)

GEORGE WASHINGTON UNIVERSITY MEDICAL CENTER, CENTER FOR GLOBAL HEALTH, *Washington, D.C.*

\$100,000 in support of strengthening the evidence base on the ways in which population and fertility are linked to poverty at the household level. [www.gwu.edu/~cih](http://www.gwu.edu/~cih)

GLOBAL FUND FOR WOMEN, *San Francisco, California*

\$200,000 in support of general operations. [www.globalfundforwomen.org](http://www.globalfundforwomen.org)

GYNUIITY HEALTH PROJECTS, *New York, New York*

\$100,000 in support of the creation of an Arabic language web-based resource center on reproductive health (over two years). [www.gynuity.org](http://www.gynuity.org)

HARVARD UNIVERSITY, CENTER FOR POPULATION AND DEVELOPMENT STUDIES, *Cambridge, Massachusetts*

\$90,000 in support of writing, editing, and disseminating a volume entitled Critical Reflections on Global Reproductive Health and Rights. [www.hsph.harvard.edu/hcpds](http://www.hsph.harvard.edu/hcpds)

HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH,  
*Boston, Massachusetts*

\$125,000 in support of research activities on the links among reproductive health, demographic outcomes, and aggregate economic performance (over 19 months). [www.hsph.harvard.edu](http://www.hsph.harvard.edu)

INTERNATIONAL CENTER FOR RESEARCH ON WOMEN,  
*Washington, D.C.*

\$330,000 in support of strengthening the evidence base on the linkages between youth and demographic change (over 30 months). [www.icrw.org](http://www.icrw.org)

MANAGEMENT SYSTEMS INTERNATIONAL, *Washington, D.C.*

\$560,000 in support of training and transfer of scale-up methodology in Foundation focus countries (over two years). [www.msiworldwide.com](http://www.msiworldwide.com)

NEPALESE YOUTH OPPORTUNITY FOUNDATION,  
*Sausalito, California*

\$30,000 in support of its Freeing Indentured Daughters program. [www.nyof.org](http://www.nyof.org)

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NEW WOMAN FOUNDATION, *Cairo, Egypt*

\$100,000 in support of establishing an Arabic language website for the organization (over three years).

POPULATION COUNCIL, *New York, New York*

\$1,600,000 in support of programs on reducing maternal mortality and advancing young people's reproductive health in Mexico, India, and globally (over three years). [www.popcouncil.org](http://www.popcouncil.org)

\$100,000 in support of Arabic translation and web-based distribution of key documents in population and reproductive health. [www.popcouncil.org](http://www.popcouncil.org)

REPRODUCTIVE HEALTH MATTERS, *London, United Kingdom*

\$400,000 in support of an international journal published biannually (over three years). [www.rhmjournal.org.uk](http://www.rhmjournal.org.uk)

UNITED STATES COMMITTEE FOR THE UNITED NATIONS POPULATION FUND, *New York, New York*

\$200,000 in support of general operations (over two years).

\$200,000 in support of activities to draw attention to the population and reproductive health concerns during the tenth anniversary review of the 1995 World Conference on Women's Platform for Action.

UNIVERSITY OF CALIFORNIA, IRVINE, *Irvine, California*

\$250,000 in support of research on the feasibility of changing fertility policy in China (over three years). [www.uci.edu](http://www.uci.edu)

UNIVERSITY OF CALIFORNIA, SAN FRANCISCO, WOMEN'S GLOBAL HEALTH IMPERATIVE, *San Francisco, California*

\$1,149,000 in support of continuing, expanding, and beginning to scale up the Anti-shock Garment pilot project in Nigeria, and to support an experimental trial of the Garment in Egypt (over two years). [www.wghi.org](http://www.wghi.org)

UNIVERSITY OF CHICAGO, DEPARTMENT OF ECONOMICS, *Chicago, Illinois*

\$36,000 in support of evaluating the long-term consequences of family planning and reproductive health programs on the well-being of women and their children in Matlab, Bangladesh (over 18 months). [economics.uchicago.edu](http://economics.uchicago.edu)

UNIVERSITY OF TEXAS AT AUSTIN, POPULATION RESEARCH CENTER, *Austin, Texas*

\$250,000 in support of research and policy analysis to help Mexico and Brazil take advantage of the potential demographic dividend inherent in their current age structure (over 30 months). [www.prc.utexas.edu](http://www.prc.utexas.edu)

YALE UNIVERSITY, *New Haven, Connecticut*

\$71,000 in support of evaluating the long-term consequences of family planning and reproductive health programs on the well-being of women and their children in Matlab, Bangladesh (over 18 months). [www.yale.edu](http://www.yale.edu)

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## HIGHER EDUCATION

*Strong universities and a scholarly infrastructure are critical to Russia and Nigeria's future. MacArthur grantmaking assists in the development of modern, university-based scientific and social scientific research and training capabilities in Russia. MacArthur supports Russian state and private institutions of higher education, as well as research institutes, scholarly journals, and networks of scholars. In Africa, the Foundation is providing long-term support to four leading Nigerian universities, helping them to rebuild and upgrade their facilities, curricula, and faculty. The four universities are the University of Ibadan, the University of Port Harcourt, Bayero University in Kano, and Ahmadu Bello University.*

### RUSSIA

ACADEMIC EDUCATIONAL FORUM ON INTERNATIONAL RELATIONS, *Moscow, Russia*

\$560,000 in support of activities aiming to modernize and strengthen the scholarly field of international relations in Russia (over three years). [www.obraforum.ru](http://www.obraforum.ru)

AMERICAN COUNCILS FOR INTERNATIONAL EDUCATION, *Washington, D.C.*

\$100,000 in support of enhancing the distance learning programs of the European Humanities University International.

\$250,000 in support of operating and administrative costs at the International Humanities University in Exile, a successor to the European Humanities University in Minsk, Belarus. [www.americancouncils.org](http://www.americancouncils.org)



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AUTONOMOUS NON PROFIT ORGANIZATION ISE CENTER,  
*Moscow, Russia*

\$1,600,000 in support of the Centers for Advanced Studies and Education program (over four years).

CARNEGIE ENDOWMENT FOR INTERNATIONAL PEACE,  
*Washington, D.C.*

\$600,000 in support of the journal *Pro et Contra* (over three years). [www.ceip.org](http://www.ceip.org)

CENTER FOR STRATEGIC AND INTERNATIONAL STUDIES,  
*Washington, D.C.*

\$375,000 in support of the Program on New Approaches to Russian Security (over three years). [www.csis.org](http://www.csis.org)

EUROPEAN UNIVERSITY AT ST. PETERSBURG, *St. Petersburg, Russia*

\$2,000,000 in support of the organization's project on strategic development. [www.eu.spb.ru](http://www.eu.spb.ru)

INDEPENDENT INSTITUTE FOR SOCIAL POLICY, *Moscow, Russia*

\$220,000 in support of a sociological data archive and related training program, a small grants competition on social policy research, and the *SPERO* journal of social policy research (over two years). [www.socpol.ru](http://www.socpol.ru)

MOSCOW SCHOOL OF SOCIAL AND ECONOMIC SCIENCES,  
*Moscow, Russia*

\$2,000,000 to support the acquisition of a new building. [www.msses.ru/english](http://www.msses.ru/english)

MOSCOW STATE INSTITUTE OF INTERNATIONAL RELATIONS,  
*Moscow, Russia*

\$45,000 in support of a project aimed at introducing European educational standards in Russian regional universities. [www.mgimo.ru/english.htm](http://www.mgimo.ru/english.htm)

NEW ECONOMIC SCHOOL, *Moscow, Russia*

\$2,000,000 in support of the endowment of professorships or acquisition of a new building. [www.nes.ru/english](http://www.nes.ru/english)

REGIONAL PUBLIC ORGANIZATION NETWORK FOR  
ETHNOLOGICAL MONITORING AND EARLY WARNING,  
*Moscow, Russia*

\$240,000 in support of informational, policy research, and training activities in Russia and the post-Soviet states (over three years).

RUSSIAN POLITICAL SCIENCE ASSOCIATION, *Moscow, Russia*

\$270,000 in support of activities aiming to facilitate the development of political science in Russia (over three years). [www.rapn.ru/index-e.htm](http://www.rapn.ru/index-e.htm)

SALZBURG SEMINAR, *Middlebury, Vermont*

\$175,000 in support of the Russian Higher Education Program. [www.salzburgseminar.org](http://www.salzburgseminar.org)

U.S. CIVILIAN RESEARCH AND DEVELOPMENT FOUNDATION,  
*Arlington, Virginia*

\$10,000,000 in support of the Program on Basic Research and Higher Education in Russia (over five years). [www.crdf.org](http://www.crdf.org)

## AFRICA

ABTI-AMERICAN UNIVERSITY OF NIGERIA, SCHOOL  
OF INFORMATION TECHNOLOGY AND COMMUNICATION,  
*Yola, Nigeria*

\$100,000 to establish a hub for the Center for Information and Communication Technology Innovation and Training. [www.abti-american.edu.ng](http://www.abti-american.edu.ng)

AFRICAN ECONOMIC RESEARCH CONSORTIUM, *Nairobi, Kenya*

\$800,000 to strengthen capacity in Africa for policy research and graduate training in economics (over four years). [www.aercafrica.org](http://www.aercafrica.org)

AFRICAN VIRTUAL UNIVERSITY, *Nairobi, Kenya*

\$1,270,000 to supply discounted bandwidth to a consortium of universities in Africa (over three years). [www.avu.org](http://www.avu.org)

COMMITTEE OF VICE-CHANCELLORS, *Abuja, Nigeria*

\$215,000 to re-engineer and strengthen capacity and influence in the sector (over two years).

JSTOR, *New York, New York*

\$122,000 to provide access to scholarly resources in the humanities and social sciences to Nigeria's research and higher education institutions (over five years). [www.jstor.org](http://www.jstor.org)

NATIONAL UNIVERSITIES COMMISSION, *Abuja, Nigeria*

\$350,000 to increase capacity to meet the challenges of monitoring and coordinating the university system and to bring to scale some of the positive developments in the Nigerian university system (over two years). [www.nuc.edu.ng](http://www.nuc.edu.ng)

NIGERIA HIGHER EDUCATION FOUNDATION, *New York, New York*

\$400,000 in support of fundraising and development for Nigerian universities (over three years). [www.thenhef.org](http://www.thenhef.org)

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NIGERIA ICT FORUM OF PARTNERSHIP INSTITUTIONS,  
*Zaria, Nigeria*  
\$200,000 in support of improving information and communication technology in selected Nigerian universities of higher education (over two years). [www.forum.org.ng](http://www.forum.org.ng)

SHEHU MUSA YAR'ADUA FOUNDATION, *Abuja, Nigeria*  
\$50,000 in support of the purchase of books and materials for the Olusegun Obasanjo Research Library.  
[www.yaraduacentre.org](http://www.yaraduacentre.org)

TERTIARY EDUCATION NETWORK, *Rondebosch, South Africa*  
\$160,000 to improve the technical capacity of the universities involved in the African Virtual University (over three years). [www.tenet.ac.za](http://www.tenet.ac.za)

UNIVERSITY OF IBADAN, *Ibadan, Nigeria*  
\$250,000 in support of building the culture of educational philanthropy (over three years). [www.ui.edu.ng](http://www.ui.edu.ng)

UNIVERSITY OF ILLINOIS AT URBANA – CHAMPAIGN,  
*Champaign, Illinois*  
\$303,000 in support of improving user access at university libraries in Nigeria to research and information materials (over three years). [www.uiuc.edu](http://www.uiuc.edu)

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## OTHER GRANTS

CHICAGO COUNCIL ON FOREIGN RELATIONS, *Chicago, Illinois*  
\$40,000 in support of a Task Force on Engaging American Muslims in the Foreign Policy Discourse.  
[www.cfr.org](http://www.cfr.org)

FORDHAM UNIVERSITY, *Bronx, New York*  
\$60,000 to support a forum on the report of the Global Commission on International Migration.  
[www.fordham.edu](http://www.fordham.edu)

NEW YORK UNIVERSITY, DIALOGUES: ISLAMIC WORLD—U.S.—THE WEST, *New York, New York*  
\$100,000 in support of an international conference in Kuala Lumpur entitled, “Who Speaks for Islam? Who Speaks for the West?” [www.islamuswest.org](http://www.islamuswest.org)

*Grantmaking Activities*

## Program on Human and Community Development



## Program on Human and Community Development

COMMUNITY CHANGE

STABLE AND AFFORDABLE HOUSING

HOUSING PRESERVATION  
PUBLIC HOUSING  
HOUSING POLICY

JUVENILE JUSTICE

EDUCATION

DIGITAL MEDIA, LEARNING, AND EDUCATION  
NATIONAL POLICY  
CHICAGO

POLICY RESEARCH

MENTAL HEALTH

SPECIAL FOCUS: HURRICANE KATRINA

OTHER GRANTS

PROGRAM-RELATED INVESTMENTS



**Photo:** **Global Kids** helps young people of diverse backgrounds develop the knowledge, skills, and experience they need to succeed in the workplace and to participate in the shaping of public policy. A new program engages more than 400 youngsters in online discussions and written essays about how they use digital media in their everyday lives. (See grant description on page 56.)

# PROGRAM ON HUMAN AND COMMUNITY DEVELOPMENT

Contact:

**JULIA M. STASCH**  
Vice President,  
Human and Community  
Development  
(312) 726-8000

To help develop successful individuals and strong communities, the Program on Human and Community Development focuses on the relationships among people, place, and systems. Through grants and loans, the program explores two primary themes: the important role of place — home, community, city, region, and state — in people’s lives; and the shared interests between individuals, particularly those in trouble or in need, and society at large. Specific fields of work include community and economic development, stable and affordable housing, juvenile justice reform, and education.

In the past year, MacArthur began to explore the notion that young people are different because of their use of digital media; that difference likely is reflected in how they think, learn, judge, and interact with others. There are certain to be profound implications for education. In 2006, MacArthur’s education grantmaking will continue to investigate this hypothesis through research and support for innovative designs and applications.

For additional information about MacArthur programs and grantmaking guidelines, see the Foundation’s website, [www.macfound.org](http://www.macfound.org).

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# PROGRAM ON HUMAN AND COMMUNITY DEVELOPMENT

*Grants Authorized 2005*

## COMMUNITY CHANGE

*Through a partnership with the Local Initiatives Support Corporation, this MacArthur grantmaking seeks to revitalize 16 Chicago neighborhoods. Community partnerships are focused on improving public safety, increasing employment and economic security, enhancing student performance, and stimulating economic development. The Foundation also supports community development on a national scale through its investment in Living Cities: The National Community Development Initiative, which channels funds from financial and philanthropic organizations and the federal government to support community development in 23 U.S. cities.*

CENTER FOR ECONOMIC PROGRESS, *Chicago, Illinois*  
\$800,000 in support of the Earned Income Tax Credit—Promoting Prosperity Project (over two years).

\$250,000 in support of implementing and documenting elements of a strategic plan (over two years).  
[www.centerforprogress.org](http://www.centerforprogress.org)

CHICAGO PROJECT FOR VIOLENCE PREVENTION, *Chicago, Illinois*  
\$1,200,000 to support efforts to reduce homicides and other violent crimes in Chicago neighborhoods (over four years). [www.uic.edu/sph](http://www.uic.edu/sph)

COALITION FOR ENVIRONMENTALLY SAFE COMMUNITIES,  
*Falls Church, Virginia*  
\$20,000 in support of an independent advisory panel to the East Baltimore Revitalization Project. [www.cesckids.org](http://www.cesckids.org)

COUNCIL OF STATE GOVERNMENTS, EASTERN REGIONAL  
CONFERENCE, *New York, New York*  
\$45,000 in support of the planning, design, and initial implementation of the Illinois Reentry demonstration.  
[csgeast.org](http://csgeast.org)

ILLINOIS COALITION FOR IMMIGRANT AND REFUGEE RIGHTS,  
*Chicago, Illinois*

\$250,000 in support of the Illinois New Americans Immigrant Policy Executive Order project (over two years). [www.icirr.org](http://www.icirr.org)

LOCAL INITIATIVES SUPPORT CORPORATION, *Chicago, Illinois*  
\$70,000 in support of website development and training in content management for eight community organizations in the New Communities Program.  
[www.newcommunities.org](http://www.newcommunities.org)

MDRC, *New York, New York*  
\$2,500,000 in support of a comprehensive program of evaluation research in community development (over three years). [www.mdrc.org](http://www.mdrc.org)

METRO CHICAGO INFORMATION CENTER, *Chicago, Illinois*  
\$900,000 in support of the assembly and analysis of data about Chicago neighborhoods (over three years).  
[www.mci.org](http://www.mci.org)

NATIONAL CENTER FOR VICTIMS OF CRIME, *Washington, D.C.*  
\$167,000 in support of a national panel on the ethical issues that may arise when using innovative technology to reduce crime and improve neighborhood safety (over nine months). [www.ncvc.org](http://www.ncvc.org)

NEIGHBORHOOD SAFETY INITIATIVE, *Chicago, Illinois*  
\$250,000 in support of general operations.

NEW YORK CITY ECONOMIC DEVELOPMENT CORPORATION,  
*New York, New York*  
\$300,000 in support of comprehensive revitalization efforts in three low-income neighborhoods in New York (over two years). [www.nycedc.com](http://www.nycedc.com)

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NORTHEASTERN ILLINOIS PLANNING COMMISSION, *Chicago, Illinois*  
\$360,000 in support of efforts that make community and public data accessible to community organizations for the purposes of neighborhood revitalization (over two years). [www.nipc.org](http://www.nipc.org)

OMG CENTER FOR COLLABORATIVE LEARNING, *Philadelphia, Pennsylvania*  
\$23,000 in support of final manuscript preparation of *Anatomy of an Initiative that Worked*, a manual for comprehensive community developers (over six months). [www.omgcenter.org](http://www.omgcenter.org)

SAFER FOUNDATION, *Chicago, Illinois*  
\$106,000 in support of a reentry demonstration planning effort.  
\$200,000 to design Safer Return, a prisoner reentry demonstration in Chicago and Illinois communities. [www.saferfoundation.org](http://www.saferfoundation.org)

TREATMENT ALTERNATIVES FOR SAFE COMMUNITIES, *Chicago, Illinois*  
\$42,000 in support of an analysis of the decline in crime in Chicago over the past decade. [www.illinoistasc.org](http://www.illinoistasc.org)

URBAN INSTITUTE, *Washington, D.C.*  
\$150,000 to design an economic analysis and evaluation of Safer Return, a prisoner reentry demonstration in Chicago and Illinois communities. [www.urban.org](http://www.urban.org)

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## STABLE AND AFFORDABLE HOUSING

*Because stable and affordable housing is critical to creating vibrant communities, MacArthur supports the following three efforts:*

- “Window of Opportunity,” which is a \$75 million initiative to facilitate new ownership and preservation of affordable rental housing; to call attention to the importance of rental housing; and to stimulate new policies that preserve and expand the nation’s stock of affordable rental units.
- Grants, loans, and other activities that advance public housing transformation, which is creating new mixed-income communities of opportunity for thousands of Chicago families.
- Housing policy research that focuses on stable and affordable housing as an essential ingredient in successful human and community development.

### HOUSING PRESERVATION

CITY OF NEW YORK, DEPARTMENT OF HOUSING PRESERVATION AND DEVELOPMENT, *New York, New York*  
\$25,000 in support of a two-day symposium on the preservation of government-assisted affordable housing in New York City. [www.ci.nyc.ny.us/html/hpd](http://www.ci.nyc.ny.us/html/hpd)

COMMUNITY PRESERVATION AND DEVELOPMENT CORPORATION, *Washington, D.C.*

\$500,000 to preserve affordable rental housing for low- to moderate-income families and seniors in the Mid-Atlantic region (over two years). [www.cpd.org](http://www.cpd.org)

HISPANIC HOUSING DEVELOPMENT CORPORATION, *Chicago, Illinois*  
\$1,250,000 through a program-related investment to support preserving affordable rental housing for low-income families and seniors in the Chicago region. [www.hispanichousingdevelopment.com](http://www.hispanichousingdevelopment.com)

HOUSING ASSISTANCE COUNCIL, *Washington, D.C.*  
\$300,000 in support of general operations (over three years). [www.ruralhome.org](http://www.ruralhome.org)

HOUSING PARTNERSHIP NETWORK, *Boston, Massachusetts*  
\$375,000 in support of general operations (over three years). [www.housingpartnership.net](http://www.housingpartnership.net)

HOUSING PRESERVATION PROJECT, *St Paul, Minnesota*  
\$200,000 in support of general operations (over three years). [www.hppinc.org](http://www.hppinc.org)

NATIONAL HOUSING LAW PROJECT, *Oakland, California*  
\$400,000 in support of general operations (over three years). [www.nhlp.org](http://www.nhlp.org)

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NATIONAL LOW INCOME HOUSING COALITION, *Washington, D.C.*

\$450,000 in support of general operations (over three years). [www.nlihc.org](http://www.nlihc.org)

NEIGHBORHOOD REINVESTMENT, *Washington, D.C.*

\$75,000 to support a research project to facilitate involvement in nonprofit housing owners through improved financial reporting analysis and investor coordination. [www.nrv.org](http://www.nrv.org)

NEW YORK CITY AFFORDABLE HOUSING ACQUISITION FUND, *New York, New York*

\$5,000,000 through a program-related investment to support a new affordable housing financing facility for housing developers seeking to build and preserve affordable housing throughout New York City.

NHP FOUNDATION, *Washington, D.C.*

\$250,000 to support preservation of rental housing for low-income households in the Gulf Coast region of the United States (over two years). [www.nhpfoundation.org](http://www.nhpfoundation.org)

SAN ANTONIO ALTERNATIVE HOUSING CORPORATION, *San Antonio, Texas*

\$1,200,000 through a program-related investment in support of preserving affordable rental housing for low-income families in the Southwestern United States. [www.saahc.org](http://www.saahc.org)

STEWARDS OF AFFORDABLE HOUSING FOR THE FUTURE, *Washington, D.C.*

\$525,000 in support of general operations (over three years). [www.sahfnet.org](http://www.sahfnet.org)

ULI FOUNDATION, *Washington, D.C.*

\$579,000 in support of the Preservation Compact, an initiative to accelerate efforts to preserve affordable rental housing in the Chicago region. [www.uli.org](http://www.uli.org)

URBAN HOMESTEADING ASSISTANCE BOARD, *New York, New York*

\$150,000 in support of policy advocacy and communications to preserve distressed affordable rental housing in New York City (over two years). [www.uhab.org](http://www.uhab.org)

VOLUNTEERS OF AMERICA, *Alexandria, Virginia*

\$500,000 in support of efforts to preserve affordable rental housing nationwide (over two years). [www.volunteersofamerica.org](http://www.volunteersofamerica.org)

## PUBLIC HOUSING

COMMUNITY BUILDERS, *Boston, Massachusetts*

\$1,000,000 in support of efforts at Oakwood Shores to help ensure a successful mixed-income development and broader community revitalization (over three years). [www.tcbinc.org](http://www.tcbinc.org)

GEORGIA TECH RESEARCH CORPORATION, *Atlanta, Georgia*

\$500,000 in support of an analysis of the Chicago Housing Authority's Plan for Transformation (over two years). [www.gtrc.gatech.edu](http://www.gtrc.gatech.edu)

METROPOLITAN PLANNING COUNCIL, *Chicago, Illinois*

\$700,000 in support of public education and communications related to progress of the Plan for Transformation (over three years). [www.metroplanning.org](http://www.metroplanning.org)

NATIONAL OPINION RESEARCH CENTER, UNIVERSITY OF CHICAGO, *Chicago, Illinois*

\$95,200 in support of the development and production of a scholarly compilation of research on the transformation of Chicago's public housing.

\$400,000 in support of a longitudinal study of public housing residents and their experiences of relocation, services, and resettlement. [www.norc.uchicago.edu](http://www.norc.uchicago.edu)

NEAR WEST SIDE COMMUNITY DEVELOPMENT CORPORATION, *Chicago, Illinois*

\$300,000 in support of the Home Visitors Program that helps place and sustain public housing residents in stable employment (over three years). [www.nearwestsidecdc.org](http://www.nearwestsidecdc.org)

NORTHWESTERN UNIVERSITY SCHOOL OF LAW, *Chicago, Illinois*

\$16,675 in support of a conference and electronic journal commemorating the 40th anniversary of the filing of the *Gautreaux* case. [www.law.northwestern.edu](http://www.law.northwestern.edu)

ONE ECONOMY CORPORATION, *Washington, D.C.*

\$625,000 in support of a training and assistance program to help residents of low-income neighborhoods improve their lives through the use of technology (over 18 months). [www.one-economy.com](http://www.one-economy.com)

PROJECT MATCH, *Chicago, Illinois*

\$1,000,000 for the Pathways to Rewards project at West Haven Park to help ensure establishment of a successful mixed-income development (over three years). [www.pmatch.org](http://www.pmatch.org)



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UNIVERSITY OF CHICAGO, *Chicago, Illinois*

\$345,000 to demonstrate a collaborative approach to data analysis for use by the Chicago Housing Authority and other public agencies to better plan for and implement the Plan for Transformation. [www.uchicago.edu](http://www.uchicago.edu)

UNIVERSITY OF CHICAGO, SCHOOL OF SOCIAL SERVICE ADMINISTRATION, *Chicago, Illinois*

\$600,000 in support of research to document the experiences and outcomes of public housing residents who move into mixed-income developments (over three years). [www.ssa.uchicago.edu](http://www.ssa.uchicago.edu)

URBAN INSTITUTE, *Washington, D.C.*

\$10,000 to disseminate research results about the impact of the HOPE VI housing programs.

\$500,000 in support of an impact evaluation of the HOPE VI housing program (over two years). [www.urban.org](http://www.urban.org)

WE THE PEOPLE MEDIA, *Chicago, Illinois*

\$300,000 in support of the *Residents' Journal*, a publication written by and for public housing residents (over three years). [www.wethepeoplemedia.org](http://www.wethepeoplemedia.org)

## HOUSING POLICY

CITY OF CHICAGO, DEPARTMENT OF HOUSING, *Chicago, Illinois*

\$396,000 to establish a Citywide Community Land Trust in Chicago (over three years). [egov.cityofchicago.org](http://egov.cityofchicago.org)

HOUSING ILLINOIS, *Chicago, Illinois*

\$150,000 in support of activities to increase and measure awareness about affordable housing's contribution to individuals and communities. [www.housingillinois.org](http://www.housingillinois.org)

MERCY HOUSING, *Denver, Colorado*

\$200,000 in support of efforts to create a national supportive housing initiative based in Chicago through the acquisition of Lakefront Supportive Housing. [www.mercyhousing.org](http://www.mercyhousing.org)

UNIVERSITY OF CALIFORNIA, BERKELEY, INSTITUTE OF BUSINESS AND ECONOMIC RESEARCH, PROGRAM ON HOUSING AND URBAN POLICY, *Berkeley, California*

\$70,000 in support of background research on the regulations governing housing development in four metropolitan regions. [iber.berkeley.edu](http://iber.berkeley.edu)

UNIVERSITY OF WISCONSIN—MADISON, INSTITUTE FOR RESEARCH ON POVERTY, *Madison, Wisconsin*

\$405,000 in support of a benefit-cost analysis of rental subsidies and economic independence among low-income families (over 30 months). [www.irp.wisc.edu](http://www.irp.wisc.edu)

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## JUVENILE JUSTICE

*The way in which young people are treated in the criminal justice system is often at odds with research findings about how and when children and adolescents develop mature moral, psychological, and cognitive capacities. Therefore, MacArthur supports research, model programs, policy analysis, and public education to promote a more effective juvenile justice system. "Models for Change" is a new effort to accelerate system-wide change in Illinois, Louisiana, Pennsylvania, and Washington, with the hope that the results will serve as models for successful reform in the juvenile justice systems in other states. In addition to helping states accelerate reform on local issues, the initiative is creating multi-state networks to examine mental health and racial and ethnic disparities.*

CHICAGO COUNCIL ON URBAN AFFAIRS, *Chicago, Illinois*

\$250,000 in support of targeted public education and advocacy activities on disproportionate minority contact (over two years). [www.ccuu.org](http://www.ccuu.org)

CHILD WELFARE LEAGUE OF AMERICA, *Washington, D.C.*

\$1,200,000 in support of the Juvenile Justice Division (over three years). [www.cwla.org](http://www.cwla.org)

COURT APPOINTED SPECIAL ADVOCATES OF COOK COUNTY, *Chicago, Illinois*

\$50,000 in support of general operations. [www.casacookcounty.org](http://www.casacookcounty.org)

JUVENILE LAW CENTER, *Philadelphia, Pennsylvania*

\$1,025,000 in support of activities as the lead entity for the Models for Change initiative in Pennsylvania (over three years). [www.jlc.org](http://www.jlc.org)

LOUISIANA BOARD OF REGENTS, *Baton Rouge, Louisiana*

\$200,000 in support of activities as the lead entity coordinating efforts to improve juvenile justice in Louisiana (over nine months). [www.regents.state.la.us](http://www.regents.state.la.us)

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NATIONAL CONFERENCE OF STATE LEGISLATURES,  
*Denver, Colorado*

\$400,000 in support of activities to develop interest and leadership capacity in juvenile justice issues in state legislatures (over two years). [www.ncsl.org](http://www.ncsl.org)

NATIONAL COUNCIL OF JUVENILE AND FAMILY COURT JUDGES,  
*Reno, Nevada*

\$1,500,000 in support of technical assistance, documentation, and coordination for the Models for Change initiative (over two years). [www.ncjfcj.org](http://www.ncjfcj.org)

NATIONAL COUNCIL OF LA RAZA, *Washington, D.C.*

\$350,000 in support of the Latino Juvenile Justice Network (over two years). [www.nclr.org](http://www.nclr.org)

NORTHWESTERN UNIVERSITY, CHILDREN AND FAMILY JUSTICE CENTER, *Chicago, Illinois*

\$650,000 in support of general operations (over three years). [www.law.northwestern.edu/cfjc](http://www.law.northwestern.edu/cfjc)

OHIO UNIVERSITY, SCHOOL OF COMMUNICATION STUDIES,  
*Athens, Ohio*

\$75,000 for a demonstration of social network analysis to understand the structure of influence in Pennsylvania's juvenile justice system. [www.coms.ohiou.edu](http://www.coms.ohiou.edu)

STATE OF LOUISIANA, OFFICE OF THE GOVERNOR,  
*Baton Rouge, Louisiana*

\$120,000 to develop a model juvenile justice system as a key component of a redesigned integrated child and family services system. [www.gov.state.la.us](http://www.gov.state.la.us)

TAC, *Boston, Massachusetts*

\$165,000 to provide technical assistance and consultation to the State of Louisiana to advance juvenile justice reform as part of an effort to redesign the system for child and family services. [www.tacinc.org](http://www.tacinc.org)

UNIVERSITY OF MASSACHUSETTS, MEDICAL CENTER,  
*Worcester, Massachusetts*

\$975,000 in support of the National Youth Screening Assistance Project (over three years). [www.umassmed.edu](http://www.umassmed.edu)

YOUTH TRANSITION FUNDERS' GROUP, *Basehor, Kansas*

\$25,000 in support of the Juvenile Justice Work Group (over two years). [www.ytfg.org](http://www.ytfg.org)

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## EDUCATION

*The primary focus of the Foundation's education grantmaking is a new effort to explore the hypothesis that increasing digital media use is affecting how young people see themselves, interact with others, express their independence and creativity, as well as how they think, learn, and exercise judgment. These differences need to be understood fully because they are likely to have profound educational implications.*

*National education policy also is a focus for the Foundation, which is interested in how the current approach to assessment and accountability is affecting students and their ability to acquire the skills needed for a global society and knowledge-based economy. Education grantmaking continues in Chicago, with a goal of improving schools in neighborhoods that are the focus of the Foundation's investment in community and economic development.*

### DIGITAL MEDIA, LEARNING, AND EDUCATION

BLUEPRINT RESEARCH AND DESIGN, *San Francisco, California*

\$80,000 in support of field building, strategic planning, and analysis of trends in innovation, the development of expertise, and in distribution in digital media and learning (over six months). [www.blueprintrd.com](http://www.blueprintrd.com)

GLOBAL KIDS, *New York, New York*

\$170,000 in support of building the field of digital media and learning by engaging young people in online discussions and written essays describing their everyday use of digital media. [www.globalkids.org](http://www.globalkids.org)

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, COMPARATIVE MEDIA STUDIES, *Cambridge, Massachusetts*

\$500,000 to develop a conceptual framework, website, and approach with models for achieving a new kind of digital media literacy among young people. [web.mit.edu/cms](http://web.mit.edu/cms)

MONTEREY INSTITUTE FOR TECHNOLOGY AND EDUCATION,  
*Monterey, California*

\$575,000 to build the field of digital media and learning through papers, online discussions, and edited volumes on a variety of topics in the *MacArthur Foundation Series on Digital Media and Learning* (over 18 months). [www.montereyinstitute.org](http://www.montereyinstitute.org)

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NEW MEDIA CONSORTIUM, *Austin, Texas*

\$17,500 to complete a literature review, monograph, and communication activities exploring visual and digital literacy in higher education.

\$575,000 to build the field of digital media and learning through papers, online discussions, and edited volumes on a variety of topics in the *MacArthur Foundation Series on Digital Media and Learning* (over 18 months). [www.nmc.org](http://www.nmc.org)

UNIVERSITY OF CALIFORNIA, BERKELEY, *Berkeley, California*

\$145,420 in support of planning for a multi-site ethnographic study of how and to what effect young people use digital media. [www.berkeley.edu](http://www.berkeley.edu)

UNIVERSITY OF CALIFORNIA, BERKELEY, SCHOOL OF INFORMATION MANAGEMENT AND SYSTEMS, *Berkeley, California*

\$1,954,000 in support of a multi-site ethnographic study of how and to what effect young people use digital media (over three years). [www.sims.berkeley.edu](http://www.sims.berkeley.edu)

UNIVERSITY OF SOUTHERN CALIFORNIA, ANNENBERG CENTER FOR COMMUNICATION, *Los Angeles, California*

\$80,580 in support of planning for a multi-site ethnographic study of how and to what effect young people use digital media (over three months).

\$1,346,000 in support of a multi-site ethnographic study of how and to what effect young people use digital media (over three years). [www.annenberg.edu](http://www.annenberg.edu)

## NATIONAL POLICY

ASPEN INSTITUTE, INTERNATIONAL AND POLICY PROGRAMS, *Washington, D.C.*

\$250,000 in support of a National Commission on the No Child Left Behind Act. [www.aspeninstitute.org](http://www.aspeninstitute.org)

BROWN UNIVERSITY, ANNENBERG INSTITUTE FOR SCHOOL REFORM, *Providence, Rhode Island*

\$700,000 to develop diagnostic tools for school districts that draw on the experience of The Learning Partnership (over two years). [www.annenberginstitute.org](http://www.annenberginstitute.org)

COMMISSION ON THE ABRAHAM LINCOLN STUDY ABROAD FELLOWSHIP PROGRAM, *Washington, D.C.*

\$100,000 to develop a program to increase substantially the number of students who study abroad from U.S. colleges and universities. [www.lincolncommission.org](http://www.lincolncommission.org)

INSTITUTE FOR EDUCATIONAL LEADERSHIP, *Washington, D.C.*

\$40,000 in support of activities at the National Forum of the Coalition for Community Schools that investigate the relationship between housing, schools, and community (over 6 months). [www.iel.org](http://www.iel.org)

MEM ASSOCIATES, *New York, New York*

\$50,000 in support of the Healthy Steps for Young Children program.

OHIO STATE UNIVERSITY, *Columbus, Ohio*

\$40,000 in support of completion of the book, *Schools, E = mc<sup>2</sup>, and the Failures of Educational Reform*. [www.osu.edu](http://www.osu.edu)

STANFORD UNIVERSITY, SCHOOL OF EDUCATION, *Stanford, California*

\$2,570,228 in support of the Research Network on Teaching and Learning (over three years). [www.tlnetwork.net](http://www.tlnetwork.net)

## CHICAGO

CHICAGO FOUNDATION FOR EDUCATION, *Chicago, Illinois*

\$25,000 in support of general operations. [www.chgofdneduc.org](http://www.chgofdneduc.org)

CHICAGO TEACHERS UNION QUEST CENTER, *Chicago, Illinois*

\$250,000 in support of the Fresh Start Program. [www.ctunet.com/quest\\_center](http://www.ctunet.com/quest_center)

W.K. SULLIVAN SCHOOL, *Chicago, Illinois*

\$10,000 in support of professional development programs for teachers, and to provide curriculum materials for The Stock Market Game and books to augment classroom libraries.

UNIVERSITY OF CHICAGO, CENTER FOR URBAN SCHOOL IMPROVEMENT, *Chicago, Illinois*

\$5,000,000 in support of an endowment (over two years).

\$250,000 to support a pilot after-school media literacy program.

\$202,000 in support of professional development and principal leadership training in nine existing schools within New Communities Program neighborhoods (over two years). [usi.uchicago.edu/aboutnew.html](http://usi.uchicago.edu/aboutnew.html)

UNIVERSITY OF CHICAGO, CONSORTIUM ON CHICAGO SCHOOL RESEARCH, *Chicago, Illinois*

\$400,000 in support of studies on the effects of student mobility on student academic performance (over two years). [www.consortium-chicago.org](http://www.consortium-chicago.org)

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## POLICY RESEARCH

*The Foundation's grantmaking in policy research advances two goals. First, policy research provides information that stimulates and supports policy debate in fresh ways, asks important questions, and encourages people to consider alternatives. Second, MacArthur's policy research grants encourage the generation and adoption of solutions that can bridge, rather than reinforce, ideological divides. The Foundation supports a small group of organizations that conduct research and educate policymakers and the public about critical issues. MacArthur investments in policy research also explore the use of evidence in decision making and its possible role in a rethinking of the role of government and long-term benefits to society.*

ASPEN INSTITUTE, *Washington, D.C.*

\$30,000 in support of The Community Development Finance Scale and Sustainability Project. [www.aspeninstitute.org](http://www.aspeninstitute.org)

BROOKINGS INSTITUTION, GOVERNANCE STUDIES PROGRAM, *Washington, D.C.*

\$150,000 in support of the "Red and Blue Nation? Causes, Consequences, and Corrections of America's Polarized Politics" project. [www.brookings.edu/gs](http://www.brookings.edu/gs)

CDFI DATA PROJECT, *Philadelphia, Pennsylvania*

\$650,000 to gather and report information on the characteristics and performance of community development financial institutions in the United States (over five years). [www.cdfi.org](http://www.cdfi.org)

CENTER ON BUDGET AND POLICY PRIORITIES, *Washington, D.C.*

\$100,000 in support of efforts to analyze federal and state-level economic and budget policies and their impact on low-income people and communities. [www.cbpp.org](http://www.cbpp.org)

DEMOS: A NETWORK FOR IDEAS AND ACTION, *New York, New York*

\$150,000 in support of the project, How to Talk about Government: Creating a Framework for Communications about the Role and Capacity of Government. [www.demos-usa.org](http://www.demos-usa.org)

HEARTLAND ALLIANCE FOR HUMAN NEEDS AND HUMAN RIGHTS, *Chicago, Illinois*

\$35,000 in support of general operations for policy and research work of the Mid-America Institute on Poverty. [www.heartlandalliance.org](http://www.heartlandalliance.org)

HOUSING PARTNERSHIP NETWORK, *Boston, Massachusetts*

\$75,000 in support of a project to plan and design an equity and venture capital investment fund to invest in nonprofit housing owners and community development financial institutions. [www.housingpartnership.net](http://www.housingpartnership.net)

NATIONAL ACADEMY OF SCIENCES, INSTITUTE OF MEDICINE, *Washington, D.C.*

\$500,000 in support of the Key National Indicators Initiative (over two years). [www.iom.edu](http://www.iom.edu)

SHOREBANK ENTERPRISE PACIFIC, *Illwaco, Washington*

\$100,000 to explore and document lessons learned from a merger between ShoreBank Enterprise Pacific and Cascadia Revolving Fund. [www.sbpac.com](http://www.sbpac.com)

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## MENTAL HEALTH

*Almost since its inception in 1979, the Foundation has made grants in the field of mental health. Through several major interdisciplinary research efforts, and related grants in communication, the focus recently has been on improving access to high-quality, effective services by helping move the most promising advances in research into policy and practice.*

COUNCIL OF STATE GOVERNMENTS, EASTERN REGIONAL CONFERENCE, *New York, New York*  
\$300,000 in support of the Criminal Justice/Mental Health Consensus Project (over three years). [www.csg.org](http://www.csg.org)

DUKE UNIVERSITY SCHOOL OF MEDICINE, SERVICES EFFECTIVENESS RESEARCH PROGRAM, *Durham, North Carolina*  
\$450,000 in support of a virtual resource center for Psychiatric Advance Directives (over three years).  
[www.medschool.duke.edu](http://www.medschool.duke.edu)

UNIVERSITY OF HAWAII AT MANOA, *Honolulu, Hawaii*  
\$485,000 in support of the design and development of a clinical information management system for the Research Network on Youth Mental Health Care (over three years). [www.manoa.hawaii.edu](http://www.manoa.hawaii.edu)

UNIVERSITY OF VIRGINIA, *Charlottesville, Virginia*  
\$4,550,000 in support of the Research Network on Mandated Community Treatment (over four years).  
[www.virginia.edu](http://www.virginia.edu)

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## SPECIAL FOCUS: HURRICANE KATRINA

*In the last quarter of 2005, the Foundation responded to the devastation caused by Hurricane Katrina along the U.S. Gulf Coast with a one-time portfolio of grants and program-related investments, primarily focused on the task of rebuilding the region's stock of affordable housing.*

ENTERPRISE CORPORATION OF THE DELTA, *Jackson, Mississippi*  
\$1,000,000 through a program-related investment to support the rebuilding of affordable housing in the Gulf Coast region of the United States.

\$125,000 to support the rebuilding of affordable housing in the Gulf Coast region of the United States.  
[www.ecd.org](http://www.ecd.org)

HEARTLAND ALLIANCE FOR HUMAN NEEDS AND HUMAN RIGHTS, *Chicago, Illinois*  
\$100,000 in support of work in Chicago with people displaced by Hurricane Katrina. [www.heartlandalliance.org](http://www.heartlandalliance.org)

HOUSING PARTNERSHIP NETWORK, *Boston, Massachusetts*  
\$125,000 to support the rebuilding of affordable housing in the Gulf Coast region of the United States.  
[www.housingpartnership.net](http://www.housingpartnership.net)

SOCIAL SCIENCE RESEARCH COUNCIL, *New York, New York*  
\$240,000 in support of the Task Force on Hurricane Katrina and Reconstruction on the Gulf Coast.  
[www.ssrc.org](http://www.ssrc.org)

SOUTHERN DEVELOPMENT BANCORPORATION, *Arkadelphia, Arkansas*  
\$125,000 to support the rebuilding of affordable housing in the Gulf Coast region of the United States.  
[www.southerndevelopmentbancorp.com](http://www.southerndevelopmentbancorp.com)

\$1,000,000 through a program-related investment to support the rebuilding of affordable housing in the Gulf Coast region of the United States.  
[www.southerndevelopmentbancorp.com](http://www.southerndevelopmentbancorp.com)

SOUTHERN MUTUAL HELP ASSOCIATION, *New Iberia, Louisiana*  
\$1,000,000 through a program-related investment to support the rebuilding of affordable housing in the Gulf Coast region of the United States.

\$125,000 to support the rebuilding of affordable housing in the Gulf Coast region of the United States.  
[www.southernmutualhelp.org](http://www.southernmutualhelp.org)

VOLUNTEERS OF AMERICA, *Alexandria, Virginia*  
\$125,000 to support the rebuilding of affordable housing in the Gulf Coast region of the United States.

\$1,000,000 through a program-related investment to support the rebuilding of affordable housing in the Gulf Coast region of the United States.  
[www.volunteersofamerica.org](http://www.volunteersofamerica.org)

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## OTHER GRANTS

FLORIDA ATLANTIC UNIVERSITY, CATANESE CENTER FOR URBAN AND ENVIRONMENTAL SOLUTIONS, *Fort Lauderdale, Florida*  
\$600,000 in support of institutional capacity building (over three years). [www.cuesfau.org](http://www.cuesfau.org)

FUNDERS' NETWORK FOR SMART GROWTH AND LIVABLE COMMUNITIES, *Coral Gables, Florida*  
\$235,000 in support of leadership and membership services (over three years). [www.fundersnetwork.org](http://www.fundersnetwork.org)

HOUSING OPPORTUNITIES AND MAINTENANCE FOR THE ELDERLY, *Chicago, Illinois*  
\$35,000 in support of general operations.  
[www.homeseniors.org](http://www.homeseniors.org)

METROPOLITAN MAYORS CAUCUS, *Chicago, Illinois*  
\$50,000 in support of a workshop about regional issues.  
  
\$237,000 in support of technical assistance for the Regional Planning Board in northeastern Illinois.  
[www.mayorscaucus.org](http://www.mayorscaucus.org)

NEIGHBORHOOD FUNDERS GROUP, *Washington, D.C.*  
\$75,000 in support of the activities of the Program-Related Investment Makers Network (over two years).  
[www.nfg.org](http://www.nfg.org)

NEW PRESS, *New York, New York*  
\$40,000 to publish and promote a paperback edition of *A Different Shade of Gray: Mid-Life and Beyond in the Inner City*. [www.thenewpress.com](http://www.thenewpress.com)

TAX POLICY FORUM, *Chicago, Illinois*  
\$150,000 in support of the Tax Policy Calculator Project (over two years).

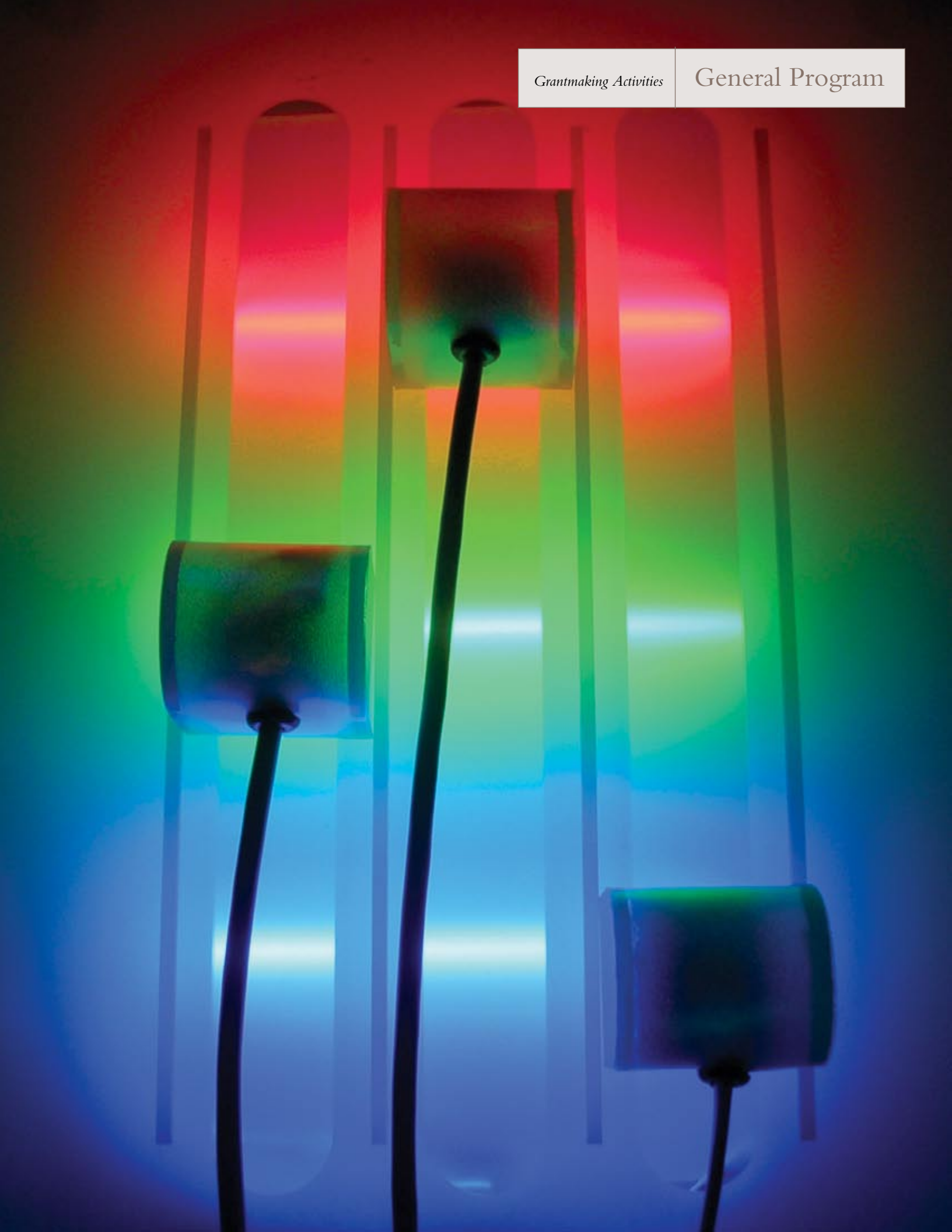
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## PROGRAM-RELATED INVESTMENTS

In addition to its grantmaking, the Foundation makes program-related investments (PRIs), which are low-cost loans and equity investments provided at below-market rates to support charitable activity. PRIs extend the reach of traditional philanthropy by helping recipients attract additional capital from public and private financing sources.

Since 1986 the Foundation has awarded more than \$200 million in PRIs to more than 100 nonprofit and for-profit organizations in the U.S. and abroad. Today MacArthur PRIs primarily support:

- Community Development Financial Institutions that provide financial services and products to underserved, economically disadvantaged, or distressed people and communities, and
- *Window of Opportunity*, a \$75 million initiative to help preserve affordable rental housing across the country.



## General Program

MEDIA

INTELLECTUAL PROPERTY

ARTS AND CULTURE IN CHICAGO

OTHER GRANTS



**Photo:** Eyebeam supports the research, production, teaching, and exhibition of art made with new technologies — and is committed to making its processes and products available in the public domain. Shown here: a portion of a digital cinema installation by Eyebeam Production Fellow Morgan Barnard. (See grant description on page 65.)



# GENERAL PROGRAM

Contact:

**ELSPETH A. REVERE**

Vice President,  
General Program

(312) 726-8000

**T**hrough the General Program, the Foundation funds independent documentary film and video, public radio, television, arts and culture in Chicago, and multi-year initiatives in changing areas of special interest. Currently, MacArthur is conducting an initiative on Intellectual Property and the Long-Term Protection of the Public Domain.

During 2005, General Program staff conducted an exploratory process to help better understand the environment in which media grantmaking is based, particularly examining the impact of technological change on how individuals are likely to obtain information in the future. The review pointed to some significant trends: the ability of information consumers to decide when and on what device (e.g., iPod, cell phone, television, computer) to receive programming; the growing ability of citizens to become reporters and filmmakers and to disseminate their work on the Internet; the increasing ease of conversation between information producers and consumers; and the continuing need for high-quality, non-fiction content that is produced for the distinctive properties of websites, radio, television, books, and other media. In 2006, MacArthur's media grantmaking will begin to take greater account of these changes.

For additional information about MacArthur programs and grantmaking guidelines, see the Foundation's website, [www.macfound.org](http://www.macfound.org).

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# GENERAL PROGRAM

## Grants Authorized 2005

### MEDIA

MacArthur supports independent documentary film and video and public radio and television in the United States to help improve the diversity of viewpoints and high-quality content available. The primary focus of funding is independent documentary films — usually those that address subject matter close to MacArthur's grantmaking strategies. Funding for public radio is intended to maintain and strengthen its program-production infrastructure.

ARTS ENGINE, *New York, New York*

\$180,000 in support of MediaRights, a project that connects social-issue filmmakers with nonprofit organizations (over three years). [www.mediarights.org](http://www.mediarights.org)

CALIFORNIA NEWSREEL, *San Francisco, California*

\$300,000 in support of a documentary film series on the connection between socioeconomic status and health disparities, entitled *Social Ills: How Society Makes Us Healthy — Or Sick*. [www.newsreel.org](http://www.newsreel.org)

CAMINO BLUFF PRODUCTIONS, *Amagansett, New York*

\$25,000 in support of activities to bring the documentary film, *Farmingville*, to Mexican audiences. [www.caminobluff.com](http://www.caminobluff.com)

CENTER FOR INVESTIGATIVE REPORTING, *Berkeley, California*

\$75,000 to support preliminary research for a documentary film exploring the debate over protecting intellectual property. [www.muckraker.org](http://www.muckraker.org)

EDUCATIONAL BROADCASTING CORPORATION,  
*New York, New York*

\$100,000 in support of the U.S. broadcast of the *BBC World News* (over six months).

\$175,000 in support of the U.S. broadcast of the *BBC World News* (over 18 months). [www.thirteen.org](http://www.thirteen.org)

FIVE STAR FILMS, *Cabin John, Maryland*

\$50,000 in support of a documentary film entitled, *Breaking the Rules: White South Africans in the Struggle Against Apartheid*.

FOUNDATION FOR INDEPENDENT VIDEO AND FILM,  
*New York, New York*

\$120,000 in support of general operations (over three years). [www.aivf.org](http://www.aivf.org)

HARVARD UNIVERSITY, *Cambridge, Massachusetts*

\$175,000 in support of the documentary film *Secrecy*, about balancing national security with government transparency. [www.harvard.edu](http://www.harvard.edu)

INDEPENDENT FEATURE PROJECT, *New York, New York*

\$180,000 in support of documentary programs (over three years). [www.ifp.org](http://www.ifp.org)

INNER ASIAN CONSERVATION, *Hamden, Connecticut*

\$200,000 in support of a documentary film on the impact of the Burma Road on biodiversity in the Eastern Himalaya region.

KARTEMQUIN EDUCATIONAL FILMS, *Chicago, Illinois*

\$350,000 in support of a film about community-based conservation efforts in Africa. [www.kartemquin.com](http://www.kartemquin.com)

KIKIM MEDIA, *Menlo Park, California*

\$200,000 in support of a documentary film entitled, *Ending AIDS: The Search for a Vaccine*. [www.kikim.com](http://www.kikim.com)

LICHTENSTEIN CREATIVE MEDIA, *Cambridge, Massachusetts*

\$300,000 in support of a documentary film examining the intersection of the mental health, juvenile justice, education, and foster care systems. [www.lcmmedia.com](http://www.lcmmedia.com)

NATIONAL ASSOCIATION OF LATINO INDEPENDENT PRODUCERS,  
*Santa Monica, California*

\$150,000 in support of general operations (over three years). [www.nalip.org](http://www.nalip.org)

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UNIVERSITY OF NORTH CAROLINA PRESS,  
*Chapel Hill, North Carolina*

\$225,000 in support of the Caravan Project, a multi-media book publishing demonstration project.  
[www.uncpress.unc.edu](http://www.uncpress.unc.edu)

WEST WIND PRODUCTIONS, *San Francisco, California*

\$300,000 in support of a film about the multinational efforts to bring former Chilean dictator Augusto Pinochet and his associates to trial.

WGBH EDUCATIONAL FOUNDATION, *Boston, Massachusetts*

\$200,000 in support of *The New Asylums*, a FRONTLINE documentary film about the challenges faced by a prison system dealing with large numbers of mentally ill inmates. [www.pbs.org/frontline](http://www.pbs.org/frontline)

WGBH EDUCATIONAL FOUNDATION, FRONTLINE,  
*Boston, Massachusetts*

\$500,000 in support of FRONTLINE/World (over two years). [www.pbs.org/frontline](http://www.pbs.org/frontline)

WNET CHANNEL 13, *New York, New York*

\$550,000 in support of Wide Angle, a television series featuring documentary films on international affairs (over two years). [www.pbs.org/wideangle](http://www.pbs.org/wideangle)

\$40,000 to support the planning stages of a series of public discussion and outreach activities to raise public interest in the Supreme Court and the upcoming film, *The Supreme Court: One Nation, Under Law*.  
[www.thirteen.org](http://www.thirteen.org)

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## INTELLECTUAL PROPERTY

*This initiative is designed to address the system of copyright, patent, and trademark in light of technological change. Grants support policy analysis, development of new models, and education designed to balance the needs of the public with appropriate incentives to creators in the digital era.*

AMERICAN LIBRARY ASSOCIATION, OFFICE FOR INFORMATION TECHNOLOGY POLICY, *Washington, D.C.*

\$630,000 in support of a project on the implications of digital copyright for libraries and their patrons (over three years). [www.ala.org/oitp](http://www.ala.org/oitp)

AMERICAN UNIVERSITY, SCHOOL OF COMMUNICATION,  
*Washington, D.C.*

\$100,000 in support of a project to document and disseminate a collection of best practices that would help guide the use of copyrighted materials in new documentary film productions. [www.centerforsocialmedia.org/fairuse.htm](http://www.centerforsocialmedia.org/fairuse.htm)

CENTER FOR INTERNATIONAL ENVIRONMENTAL LAW—U.S.,  
*Washington, D.C.*

\$85,000 in support of a feasibility study and a pilot workshop that would inform the development of a program to enhance the participation of developing countries in bilateral intellectual property negotiations. [www.ciel.org](http://www.ciel.org)

CREATIVE COMMONS, *San Francisco, California*

\$750,000 to create and disseminate new approaches to intellectual property protection under existing copyright law (over three years). [www.creativecommons.org](http://www.creativecommons.org)

ESSENTIAL INFORMATION, *Washington, D.C.*

\$600,000 in support of the Consumer Project on Technology's work on international intellectual property policies (over three years). [www.essential.org](http://www.essential.org)

EYEBEAM, *New York, New York*

\$300,000 in support of a research and development lab, which develops new technologies and media projects intended for the public domain (over two years).  
[www.eyebam.org](http://www.eyebam.org)

FUTURE OF MUSIC COALITION, *Washington, D.C.*

\$75,000 in support of a study of the music sample licensing process. [www.futureofmusic.org](http://www.futureofmusic.org)

HARVARD LAW SCHOOL, BERKMAN CENTER FOR INTERNET AND SOCIETY, *Cambridge, Massachusetts*

\$750,000 to explore and understand the development of cyberspace and to create new models in intellectual property (over three years). [www.cyber.law.harvard.edu/home](http://www.cyber.law.harvard.edu/home)

INTELLECTUAL PROPERTY WATCH, *Geneva, Switzerland*

\$300,000 in support of an independent news service that reports on the processes of intellectual property policymaking at the international level and in support of long-term planning efforts (over three years).  
[www.ip-watch.org](http://www.ip-watch.org)

UNIVERSITY OF ILLINOIS AT CHICAGO LIBRARY, *Chicago, Illinois*

\$70,000 in support of a conference on open source publishing. [www.uic.edu/depts/lib](http://www.uic.edu/depts/lib)

YALE UNIVERSITY, SCHOOL OF LAW, *New Haven, Connecticut*

\$65,000 in support of the Access to Knowledge conference. [www.law.yale.edu](http://www.law.yale.edu)

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## ARTS AND CULTURE IN CHICAGO

*MacArthur's support for arts and cultural organizations is an expression of civic commitment to Chicago, the place where the Foundation has its headquarters and John D. and Catherine T. MacArthur made their home. Grants are designed to help sustain the cultural life of the city and region. Grants to arts and cultural organizations with annual budgets above \$2 million are made directly by MacArthur. These grants are usually for multi-year general operating support. Arts and culture grants to organizations with annual budgets between \$500,000 and \$2 million are made through the Prince Charitable Trusts. Arts and culture grants to organizations with annual budgets of \$500,000 or less are made through a special fund at the Richard H. Driehaus Foundation. [www.driehausfoundation.org](http://www.driehausfoundation.org)*

CHICAGO CHILDREN'S THEATRE, *Chicago, Illinois*  
\$100,000 in special support of start-up expenses  
(over three years). [chicagochildrenstheatre.org](http://chicagochildrenstheatre.org)

CHICAGO FOUNDATION FOR WOMEN, *Chicago, Illinois*  
\$10,000 in support of the Eleanor Petersen Legacy  
Fund. [www.cfw.org](http://www.cfw.org)

CITY COLLEGES OF CHICAGO, *Chicago, Illinois*  
\$150,000 in support of general operations for  
WYCC-TV20 (over five years). [www.ccc.edu](http://www.ccc.edu)

DUSABLE MUSEUM OF AFRICAN AMERICAN HISTORY,  
*Chicago, Illinois*  
\$150,000 in support of general operations  
(over five years). [www.dusablemuseum.org](http://www.dusablemuseum.org)

GRANTMAKERS IN THE ARTS, *Seattle, Washington*  
\$25,000 in support of general operations  
(over two years). [www.giarts.org](http://www.giarts.org)

HARRIS THEATER FOR MUSIC AND DANCE, *Chicago, Illinois*  
\$100,000 in support of a subsidized usage program  
for smaller arts organizations (over two years).  
[www.harristheaterchicago.org](http://www.harristheaterchicago.org)

ILLINOIS ARTS ALLIANCE FOUNDATION, *Chicago, Illinois*  
\$20,000 in support of the One State: Together in the  
Arts conference. [www.artsalliance.org](http://www.artsalliance.org)

KOHL CHILDREN'S MUSEUM OF GREATER CHICAGO,  
*Glenview, Illinois*  
\$150,000 in support of general operations  
(over five years). [www.kohlchildrensmuseum.org](http://www.kohlchildrensmuseum.org)

LEAGUE OF CHICAGO THEATRES FOUNDATION, *Chicago, Illinois*  
\$70,000 in support of phase one of an online  
ticketing system.  
  
\$300,000 to support the second phase of an online  
ticketing system. [www.chicagoplays.com](http://www.chicagoplays.com)

LOOKINGGLASS THEATRE COMPANY, *Chicago, Illinois*  
\$150,000 in support of general operations  
(over five years). [www.lookingglasstheatre.org](http://www.lookingglasstheatre.org)

MUSEUM OF BROADCAST COMMUNICATIONS, *Chicago, Illinois*  
\$100,000 in support of exhibit design and fabrication  
(over three years). [www.museum.tv](http://www.museum.tv)

PUBLIC INTEREST PROJECTS, *New York, New York*  
\$150,000 in support of the Chicago component of the  
Fulfilling the Dream Fund (over three years).

UNIVERSITY OF ILLINOIS AT CHICAGO, *Chicago, Illinois*  
\$25,000 in support of the second annual Richard J. Daley  
Urban Forum, Globalizing Cities: Chicago and the World.  
[www.uic.edu/orgs/daleyforum](http://www.uic.edu/orgs/daleyforum)

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## THE MACARTHUR FUND FOR ARTS AND CULTURE AT PRINCE CHARITABLE TRUSTS

*Arts and culture grants to organizations with annual budgets between \$500,000 and \$2 million are made through the Prince Charitable Trusts. [www.fdncenter.org](http://www.fdncenter.org)*

ABOUT FACE THEATER \$60,000 (over two years)

APPLE TREE THEATRE \$40,000 (over two years)

ARTS AND BUSINESS COUNCIL OF CHICAGO \$40,000  
(over two years)

BAILIWICK THEATRE \$40,000 (over two years)

BLACK ENSEMBLE THEATER \$40,000 (over two years)

CHICAGO CHAMBER MUSICIANS \$50,000 (over two years)

CHICAGO JAZZ ENSEMBLE \$40,000 (over two years)

CHICAGO PUBLIC ART GROUP \$40,000 (over two years)

CHICAGO SINFONIETTA \$40,000 (over two years)

CHICAGO YOUTH SYMPHONY ORCHESTRA \$50,000  
(over two years)

CHILD'S PLAY TOURING THEATRE \$40,000 (over two years)

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DANCE CENTER OF COLUMBIA COLLEGE \$60,000  
(over two years)

ETA CREATIVE ARTS FOUNDATION, INC. \$40,000  
(over two years)

GENE SISKEL FILM CENTER \$60,000 (over two years)

HOTHOUSE \$50,000 (over two years)

HYDE PARK ART CENTER \$50,000 (over two years)

ILLINOIS ARTS ALLIANCE FOUNDATION \$40,000  
(over two years)

INTERNATIONAL LATINO CULTURAL CENTER OF CHICAGO  
\$40,000 (over two years)

LIFELINE PRODUCTIONS, INC. \$50,000 (over two years)

MARWEN \$40,000 (over two years)

MUNTU DANCE THEATRE OF CHICAGO \$60,000  
(over two years)

MUSIC OF THE BAROQUE \$60,000 (over two years)

REDMOON THEATER \$40,000 (over two years)

REMY BUMPPPO \$40,000 (over two years)

RENAISSANCE SOCIETY \$30,000 (over two years)

RIVER NORTH CHICAGO DANCE COMPANY \$50,000  
(over two years)

SCT PRODUCTIONS \$40,000 (over two years)

STREET-LEVEL YOUTH MEDIA \$40,000 (over two years)

WRITERS' THEATRE \$20,000 (over one year)

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#### THE MACARTHUR FUND FOR ARTS AND CULTURE AT THE RICHARD H. DRIEHAUS FOUNDATION

*Arts and culture grants to organizations with annual budgets of  
\$500,000 or less are made through a special fund at the Richard H.  
Driehaus Foundation.*

ALBANY PARK THEATER PROJECT \$12,500

ANCHOR GRAPHICS \$12,500

ARCHEWORKS \$30,000 (over two years)

ASIAN IMPROV ARTS MIDWEST \$7,500

ASSOCIATION FOR THE ADVANCEMENT OF CREATIVE  
MUSICIANS \$10,000

CHICAGO A CAPPELLA \$7,500

CHICAGO ARTISTS' COALITION \$7,500

CHICAGO BALLET RUSSE FOUNDATION \$5,000

CHICAGO BLUES MUSEUM \$10,000

CHICAGO BRASS BAND ASSOCIATION \$5,000

CHICAGO DRAMATISTS \$25,000 (over two years)

CHICAGO FILMMAKERS \$7,500

CHICAGO HUMAN RHYTHM PROJECT \$7,500

CHICAGO MOVING COMPANY \$20,000 (over two years)

CHICAGO THEATRE COMPANY \$15,000

CIRCLE THEATER OF FOREST PARK \$10,000

CONGO SQUARE THEATRE COMPANY \$10,000

DEEPLY ROOTED PRODUCTIONS \$10,000

EIGHTH BLACKBIRD \$7,500

EXPERIMENTAL SOUND STUDIO \$5,000

FREE STREET THEATER \$10,000

FULCRUM POINT NEW MUSIC PROJECT \$7,500

GLEN ELLYN CHILDREN'S CHORUS \$10,000

GUILD COMPLEX \$12,500

HEDWIG DANCES \$20,000 (over two years)

HELLENIC MUSEUM AND CULTURAL CENTER \$10,000

HOUSE THEATRE \$10,000

INTERNATIONAL CENTER FOR DEAFNESS \$5,000

INTERNATIONAL CONTEMPORARY ENSEMBLE \$7,500

INTERNATIONAL MUSIC FOUNDATION \$30,000 (over two years)

INTUIT: THE CENTER FOR INTUITIVE AND OUTSIDER ART  
\$30,000 (over two years)

JAZZ INSTITUTE \$30,000 (over two years)

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JUMP RHYTHM JAZZ PROJECT \$5,000	PEGASUS PLAYERS \$17,500
L'OPERA PICCOLA \$5,000	POETRY CENTER OF CHICAGO \$25,000 (over two years)
LAMPO \$7,500	PORCHLIGHT MUSIC THEATRE \$25,000 (over two years)
LUNA NEGRA DANCE THEATER \$20,000 (over two years)	RAVEN THEATRE \$7,500
NATYA DANCE THEATRE \$20,000 (over two years)	REMBRANDT CHAMBER PLAYERS \$5,000
NEIGHBORHOOD WRITING ALLIANCE \$40,000 (over two years)	SALT CREEK BALLET \$7,500
NEO-FUTURISTS \$12,500	SCRAP METAL SOUL \$10,000
NEXT THEATER COMPANY \$25,000 (over two years)	STAGE LEFT \$5,000
OPERA THEATRE NORTH \$5,000	TIME LINE THEATER COMPANY \$25,000 (over two years)
ORION CHAMBER ENSEMBLE \$5,000	YOUNG CHICAGO AUTHORS \$25,000 (over two years)

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## OTHER GRANTS

BOSTON CENTER FOR ADULT EDUCATION, <i>Boston, Massachusetts</i> \$22,000 in support of the Center for Non-Profit Management's initiatives to improve its curriculum. <a href="http://www.bcae.org">www.bcae.org</a>	FOUNDATION CENTER, <i>New York, New York</i> \$200,000 in support of general operations (over three years). <a href="http://www.foundationcenter.org">www.foundationcenter.org</a>
COMMUNITY FOUNDATION FOR THE NATIONAL CAPITAL REGION, <i>Washington, D.C.</i> \$50,000 in support of the Laura Bush Foundation for America's Libraries and the special initiative to rebuild school libraries devastated by recent hurricanes. <a href="http://www.laurabushfoundation.org">www.laurabushfoundation.org</a>	GREEN MEDIA TOOLSHED, <i>Washington, D.C.</i> \$25,000 in support of an exploratory workshop of international technologists and civil society leaders to develop ideas and best practices for the use of mobile phone messaging to promote civic participation. <a href="http://www.greenmediatoolshed.com">www.greenmediatoolshed.com</a>
COUNCIL ON FOUNDATIONS, <i>Washington, D.C.</i> \$35,438 in support of the cost of consultants to provide strategic advice on public policy issues. <a href="http://www.cof.org">www.cof.org</a>	INDEPENDENT SECTOR, <i>Washington, D.C.</i> \$500,000 in support of general operations (over three years). <a href="http://www.independentsector.org">www.independentsector.org</a>
ENERGY FOUNDATION, <i>San Francisco, California</i> \$12,000,000 in support of general operations (over three years). <a href="http://www.ef.org">www.ef.org</a>	LEADERSHIP ENTERPRISE FOR A DIVERSE AMERICA, <i>New York, New York</i> \$100,000 in support of general operations. <a href="http://www.leda2003.org">www.leda2003.org</a>





**Photo:** MacArthur Fellow **Joseph Curtin** is a master violinmaker who weds acoustic science to the art of violinmaking to create world-class instruments for the 21st century. Shown here: a prototype ultra-light violin made of spruce, balsa, maple, ebony, and cherry. (See biography on page 74.)



# MACARTHUR FELLOWS PROGRAM

Contact:

**DANIEL J. SOCOLOW**

Director,  
Fellows Program

(312) 726-8000

The MacArthur Fellows Program awards unrestricted fellowships to talented individuals who have shown extraordinary originality and dedication in their creative pursuits and a marked capacity for self-direction. There are three criteria for selection of Fellows: exceptional creativity, promise for important future advances based on a track record of significant accomplishment, and potential for the fellowship to facilitate subsequent creative work.

The MacArthur Fellows Program is intended to encourage people of outstanding talent to pursue their own creative, intellectual, and professional inclinations. In keeping with this purpose, the Foundation awards fellowships directly to individuals rather than through institutions. Recipients may be writers, scientists, artists, social scientists, humanists, teachers, activists, or workers in other fields, with or without institutional affiliations. They may use their fellowship to advance their expertise, engage in interdisciplinary work, or, if they wish, to change fields or alter the direction of their careers.

Although nominees are reviewed for their achievements, the fellowship is not a reward for past accomplishment, but rather an investment in a person's originality, insight, and potential. Indeed, the purpose of the MacArthur Fellows Program is to enable recipients to exercise their own creative instincts for the benefit of human society.

Each fellowship comes with a stipend of \$500,000 to the recipient, paid out in equal quarterly installments over five years. The Foundation does not require or expect specific products or reports from MacArthur Fellows and does not evaluate recipients' creativity during the term of the fellowship. The MacArthur Fellowship is a "no strings attached" stipend in support of people, not projects.

There are no restrictions on becoming a Fellow, except that nominees must be either residents or citizens of the United States. The Fellows Program does not accept applications or unsolicited nominations.

For additional information about MacArthur programs and grantmaking guidelines, see the Foundation's website, [www.macfound.org](http://www.macfound.org).

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# MACARTHUR FELLOWS PROGRAM

## *Grants Authorized 2005*

MARIN ALSOP, *Conductor. Bournemouth Symphony Orchestra, Poole, England*

Marin Alsop, principal conductor of the Bournemouth Symphony Orchestra and music director of the Cabrillo Festival of Contemporary Music, is among the most accomplished conductors working today. In addition to her masterful conducting technique and visionary artistic programming, Alsop is distinguished by her extraordinary ability to communicate, both with her orchestra and with her audience, successfully translating her musical ideas into symphonic sound with a signature style. In presenting concerts, she often addresses audiences directly and previews short passages demonstrating themes and motifs of pieces to be played. These engaging presentations demystify challenging music for a wide range of audiences. While honoring classical music heritage, Alsop is also deeply committed to bringing the work of living composers to orchestras, audiences, and critics around the world. Her discography ranges from gospel recordings to traditional symphonies to the music of contemporary American composers. Through her musicality, her skill in making the unusual understandable, and her championing of contemporary music, Alsop defies stereotypes and offers a new model of leadership for orchestras in the U.S. and abroad.

TED AMES, *Fisherman. Stonington, Maine*

Ted Ames, a long-term, Maine lobster and ground fisherman, has fused the roles of fisherman and applied scientist in response to increasing threats to the fishery ecosystem resulting from decades of over-harvesting. Ames grew up in a fishing family on one of Maine's remote off-shore islands and studied biochemistry at the University of Maine. Having spent several decades of his life at sea, he has witnessed dramatic shifts in the economic landscape throughout the Gulf of Maine, specifically in jobs and shoreside infrastructure. In an effort to address these changes and develop new fisheries management practices for the affected areas, Ames undertook detailed studies of spawning, habitat, and fishing patterns. His studies, reinforced by a rigorous methodology, draw distinctively from the anecdotal experiences of aging fishermen to map historical patterns and chart the evolution of current conditions. His work paints a scientifically compelling picture of the complexity of the fish population structure in the Gulf and identifies new strategies for individual and institutional marine management in the region. Ames has now established the Penobscot East Resource Center to conduct additional studies of fishing patterns, past and present, and put to further use his trademark approach of combining fishery science and fishermen's knowledge in the interest of protecting essential fish habitats.

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TERRY BELANGER, *Rare Book Preservationist*.  
*University Professor and Honorary Curator of Special Collections,*  
*University of Virginia, Charlottesville, Virginia*

Terry Belanger is a historian, collector, and protector of one of humankind's greatest inventions: the book. To support the study of the book's long history, Belanger created a teaching and archive facility, the Rare Book School (RBS), in 1983 as part of Columbia University's School of Library Service; in 1992, he moved it to its current home at the University of Virginia. The RBS functions as an independent, nonprofit institute devoted to the histories of manuscripts, print, electronic text, and everything in between. It transcends the limitations of traditional degree programs by making its wide-ranging offerings available to a broad range of professionals interested in studying and preserving these cultural artifacts; historians, literary scholars, librarians, conservators, collectors, and book artists attend RBS courses each year. In the classroom, Belanger uses original tools and materials to provide students with hands-on experience and to emphasize the relationship between the physical and intellectual structure of the book. He assiduously collects items related to bookmaking, from the remains of incunabula (the first printed books of the fifteenth century) and their handwritten precursors to books demonstrating the range of bindings and structures, to samples of materials from which books have been constructed. With thousands of former students currently at work in the field and offshoots of his programs in California, France, Australia, and New Zealand, Belanger is making the world a more secure place for the irreplaceable legacy of the book.

EDET BELZBERG, *Documentary Filmmaker*. *New York, New York*  
Edet Belzberg is a documentary filmmaker whose films are distinguished by her choice of subjects, in-depth treatment of time and place, and elegant storytelling. In Belzberg's signature film, *Children Underground*, she follows and films a group of homeless children living in a train station in Bucharest, Romania. Raw, graceful, and insightful, *Children Underground* personalizes the often dangerous and always chaotic and uncertain world of youngsters casually abandoned by their families and the larger society. Overcoming the obstacles of language, culture, and place, she records the individual and collective daily struggles of the five main characters with an unflinching, compassionate eye, managing at the same time to win the trust of children whose capacity for trust is all but depleted. Critically acclaimed throughout the U.S. and Europe, the film has focused international attention on the social and institutional disregard of child

welfare in post-communist Romania. Belzberg's characteristically intense and detailed treatment of the lives of children again defines her most recent and just completed film, *Gymnast*. While the film focuses on a completely different group of children in a totally different setting (the top three American girls preparing for the 2000 Olympics), *Gymnast* is a bold and original treatment of children under extreme conditions as it explores the motivations of individual stakeholders in the Olympic success of these teenagers. Future projects of this young filmmaker promise other enduring revelations into the lives of overlooked subjects and the realities of under-explored conditions.

MAJORA CARTER, *Urban Revitalization Strategist*.  
*Founder and Executive Director, Sustainable South Bronx,*  
*Bronx, New York*

Majora Carter, of the South Bronx, is determined to make her community more livable, greener, and healthier than it is today. The founder and director of Sustainable South Bronx (SSB), Carter is a relentless and charismatic urban strategist who seeks to address the disproportionate environmental and public health burdens experienced by residents of the South Bronx. Working in partnership with local government, businesses, and neighborhood organizations, she creates new opportunities for transportation, fitness and recreation, nutrition, and economic development. Returning to her native Hunts Point section of the South Bronx after completing an MFA, Carter first sought to deepen the emphasis on the arts in the South Bronx. It wasn't long, however, before she was engaged in battle over New York City's plan for a solid waste management plant to process 40 percent of the city's garbage at a facility on the Hunts Point waterfront. Successfully diverting this plan, SSB and other groups envisioned a new relationship with the Bronx River and embarked on projects that built a park on the site of a former concrete plant, enabled public waterfront access where the shore was once littered with industrial scrap, developed an ecological restoration workforce to protect and maintain the natural environment, and raised funds to conduct a feasibility study for the establishment of a bike/pedestrian greenway along the waterfront. Making the connection between green space and health, Carter added a community education focus to the work of the SSB around fitness, food choices, and air quality. As part of this effort, she established a community market and introduced green roof technology. Today, Majora Carter is profoundly transforming the quality of life for South Bronx residents.

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LU CHEN, *Neuroscientist, Assistant Professor of Neurobiology,  
University of California/Berkeley, Berkeley, California*

Lu Chen is a neuroscientist who is probing the mysteries of the synapse, the anatomical structure that mediates chemical signals sent from one neuron to another. Specifically, she explores the mechanisms underlying the function of synapses that use the neurotransmitter glutamate (the most common excitatory neurotransmitter in the central nervous system). This transmitter interacts with postsynaptic neurons with several different types of receptors: kainate, NMDA, and AMPA. Studies of a genetically mutated mouse strain showed that AMPA receptor function is disrupted by the lack of stargazin, a protein homologous with a subunit of the calcium channel. Through a combination of molecular genetic, cell biology, biochemical, and electrophysiologic approaches, Chen and her colleagues were able to demonstrate that stargazin plays a key role in the structural integrity of the AMPA receptor complex. Chen created a line of non-neuronal cells that express each of the AMPA receptor components; in co-culture with hippocampal neurons, she showed that the neurons induced the formation of functional AMPA receptors in the non-neuronal cell line, and that stargazin represents an essential element of the receptor assembly. This observation opens a new avenue for exploring the role of accessory proteins in synaptic formation and plasticity. The potential impact is tremendous not just for understanding the basic biology of learning and memory, but also in the development of new kinds of treatments for neurological and psychiatric diseases.

MICHAEL COHEN, *Pharmacist, President, Institute for Safe Medication Practices, Huntingdon Valley, Pennsylvania*

Michael Cohen is a pharmacist with a passion for patient safety and a commitment to reducing preventable drug and drug delivery mistakes that kill thousands of people each year in the United States. An early pioneer in an international movement to address medication error, Cohen is founder and president of the Institute for Safe Medication Practices (ISMP), a nonprofit clearinghouse for the distribution of impartial medical safety information to the health care community. As the number of

available drugs and prescriptions filled each year continues to soar, many with look-alike or sound-alike names, Cohen is a recognized leader in promoting increased consumer vigilance, drug industry accountability, and practitioner responsibility. Through ISMP he has championed improvements in drug naming, labeling, packaging, delivery systems, and regulation. At the cornerstone of his efforts, Cohen co-founded the continuous, voluntary, and confidential Medication Error Reporting Program (now administered by U.S. Pharmacopoeia), for medical professionals to learn about and understand the causes of errors across the nation. Where once errors were undisclosed and viewed as embarrassing to the health care industry, the active collection of these reports has helped generate practical and early responses to combat potentially widespread and dangerous outcomes. For more than three decades, Cohen has played key roles in bringing about numerous corrections in error-prone products and practices. Today, he continues to be a major force in giving national visibility to the ubiquitous and serious problem of medication errors.

JOSEPH CURTIN, *Violinmaker, Principal, Joseph Curtin Studios,  
Ann Arbor, Michigan*

Joseph Curtin is a master violinmaker who crafts original, world-class violins for the twenty-first century. A luthier with research interests in nontraditional materials, non-traditional structures, and violin acoustics, Curtin weds acoustic science to the art of violinmaking and merges time-honored techniques with new materials and design. Having first excelled in the traditional practice of creating replicas of the great Italian instruments of Stradivari and Guarneri, Curtin is now confronting the dilemma of the evolution of the violin, creating entirely new instruments that incorporate contemporary materials and aesthetics. In so doing, he has collaborated with leading acoustics researchers in the field, experimenting with violin acoustics, playability, sound, and ergonomics. His approach consists of an artful synthesis of the old and new and offers clear evidence that the centuries-old art of violinmaking is still evolving. Using new methods of construction and affordable modern composite materials to improve the instrument's response and sound, he produces violins and violas of remarkable tone, power, projection, and timbre. Driven by a desire to experiment and innovate, Curtin builds distinctive violins of enduring quality that are increasingly recognized worldwide as instruments of the highest order.

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AARON DWORKIN, *Music Educator. Founder and President, The Sphinx Organization, Detroit, Michigan*

Aaron Dworkin is a talented violinist, charismatic arts educator, and the founder and president of the Detroit-based Sphinx Organization. He and his organization have expanded access for increased numbers of minorities to careers in classical music around the country. Through his efforts, he has transformed the lives of many African-American and Latino musicians and changed the landscape of classical music in America. As minorities currently comprise only 1.5 percent of professional symphony players in the United States, Sphinx set a course to attract young men and women to classical music, countering their perception that such careers face insurmountable barriers and providing them with rigorous training, affordable instruments, and performance opportunities. The results have been to turn out fresh new talent second to none and to fill a void recognized by all. Determined to reverse the isolation of whole populations of young musicians from the beauty, value, and meaning of classical music, Dworkin began by organizing an annual national competition for minority string players. His programs grew rapidly to encompass an orchestra entirely composed of African-American and Latino musicians; a summer training program for underprivileged string players; music education outreach programs in Detroit public schools; an instrument fund for players unable to afford them; and a scholarship fund for deserving musicians who otherwise could not go on for advanced training. Through his programs and nurturing support, Dworkin assures access and enriches symphonies across the country.

TERESITA FERNÁNDEZ, *Sculptor. New York, New York*

Teresita Fernández is a sculptor who integrates architecture and the optical effects of color and light to produce exquisitely constructed, contemplative spaces. In her sculptural environments, Fernández alters space to create illusions, subtly modifying the physical sensations of the viewer and dramatizing the role architecture plays in shaping our lives and perceptions. Her room-sized installations evoke quietude and mystery, reflecting such diverse aesthetic influences as Roman and Ottoman

architecture and Japanese gardens. In other works, she creates large-scale, referential constructions, such as a pool, a waterfall, and a sand dune stripped of specific context. With these pared-down pieces, she invites viewers to draw from their personal memories and observations. Employing common building materials to startling effect — tiny plastic cubes form a shimmering rainbow and acrylic rods suggest the flexible strength of bamboo — she inspires viewers to see a new relationship between built environments and the natural world. With lyrical and immaculately executed indoor and outdoor works, Fernández is pushing the boundaries of sculpture and installation art into the fields of architecture and landscape architecture.

CLAIRE GMACHL, *Laser Engineer. Associate Professor of Electrical Engineering, Princeton University, Princeton, New Jersey*

Claire Gmachl is an experimental scientist working at the intersection of technology and fundamental physics in the fields of optics and semiconductor laser technology. A wizard at imagining and creating new designs for solid-state lasers, Gmachl's pioneering work has led to critical advances in the development of Quantum Cascade (QC) lasers. QC lasers are a rapidly evolving class of high-performing, mid-infrared, semiconductor light sources. The lasers designed by Gmachl and her colleagues are noteworthy for their considerable wavelength tunability, high-power operation, high-speed modulation capabilities, and seemingly unlimited design potential. She has demonstrated the versatility and promise of mid-infrared light sources for a wide range of applications, including trace gas sensing in the environmental, industrial, and medical fields, and free-space optics in wireless communications. Her recent achievements include the development of QC microlasers and new hybrid devices, which include quantum cascade structures and nonlinear components, dramatically extending the wavelength range of QC technology. These designs have direct applications to environmental monitoring, clinical diagnoses, spectroscopy, and chemical process control. With her combination of technological flair and deep understanding of physical concepts, Claire Gmachl translates complex principles into original and practical devices that advance our understanding of optical device designs and promise to address a wide variety of engineering challenges.

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SUE GOLDIE, *Physician/Researcher. Associate Professor of Health Decision Science, Harvard University/School of Public Health, Boston, Massachusetts*

Sue Goldie is a physician and public health researcher whose leadership, rigorous analyses, and creative interventions are transforming women's health care around the world. Incorporating mathematical modeling, the science of medical decision-making, and risk analysis, she has successfully identified important new strategies to improve women's health in underserved populations. Together with her collaborators, Goldie has developed complex and comprehensive epidemiological models for diseases such as HIV, gonorrhea, chlamydia, herpes, and hepatitis C. By weighing disease characteristics and quantitatively assessing possible health interventions for potential populations, Goldie has translated her models into actionable information to guide global health interventions and policies. A focus of Goldie's research is the human papilloma virus (HPV) and its link to cervical cancer, the most common cause of cancer death in women worldwide. Combining clinical, scientific, and mathematical methodology, Goldie has demonstrated that non-physicians can be trained to conduct direct visual inspections or HPV testing to detect early cervical cancer, a more practical and cost-effective approach than the expensive and technically challenging Pap smear screening method. She has taken her findings to the field, creating practical, sustainable cervical cancer-screening programs in Haiti, India, Kenya, Peru, South Africa, and Thailand. Indeed, by bridging the gap between clinical researchers and global policymakers, Goldie has already enhanced the lives of tens of thousands of women and has the potential to do so on a broader scale still.

STEVEN GOODMAN, *Conservation Biologist. Field Biologist, Department of Zoology, The Field Museum of Natural History, Chicago, Illinois and Antananarivo, Madagascar*

Steven Goodman is a conservation biologist who studies and documents the endangered, diverse, and previously unknown plants and animals of Madagascar. In terms of biodiversity and conservation, no single country in the world is more dynamic, more diverse, and more understudied than Madagascar. A researcher at Chicago's Field Museum of Natural History, Goodman spends most of his time in Madagascar where he works with international conservation groups and local biologists to record and preserve ecosystems increasingly threatened by rapid

deforestation and population growth. He also founded and leads the Ecological Training Program that mentors, trains, and prepares local Malagasy biologists in pressing conservation issues, a model that is being replicated elsewhere in ecologically threatened regions in Africa and around the world. A tenacious researcher, Goodman has braved extreme conditions to identify dozens of new bird, insect, and mammal species, to conduct rigorous biological surveys and inventories, and to transform the scientific knowledge of the region. He is the co-editor and lead author of *The Natural History of Madagascar*, the definitive book on the island's geology, soils, climate, forest and human ecology, plants, invertebrates, fishes, reptiles, birds, and mammals. With inexhaustible energy, Goodman has brought Madagascar to the forefront of international conservation, demonstrating the urgent need for preservation and the power of mentoring future custodians of the world's biological richness.

PEHR HARBURY, *Biochemist. Associate Professor of Biochemistry, Stanford University, Stanford, California*

Pehr Harbury is a biochemist who explores the structure, activity, and synthesis of proteins with the aim of developing more potent and more specific drugs for the treatment of disease. Early in his career, he focused on rational protein design, based on first-principles of amino acid structural chemistry. Most functional proteins consist of amino acid side chains attached to a protein backbone. Harbury developed a method for accurately predicting main- and side-chain structures, even for complex multimers. To demonstrate the power of his calculation, he and his colleagues synthesized proteins with unnatural, right-handed supercoiled structure and showed that they were able accurately to predict structures that had never previously existed. To improve understanding of side-chain functionality, Harbury developed an assay for testing the interaction of substrate and specific amino acids. Most recently, Harbury has introduced an efficient and effective method for using in vitro evolution to control combinatorial synthesis of small molecules. With this technique, he is able to tether to a single molecule the information needed to synthesize more of it. When combined with an instruction set many orders of magnitude larger than previous combinatorial chemical libraries and a large pool of chemical manipulations compatible with the process, Harbury's "DNA Display" technique promises vast increases in the speed, efficiency, and search space for the use of combinatorial chemistry in the development of new drugs.

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NICOLE KING, *Molecular Biologist. Assistant Professor of Molecular and Cell Biology, University of California, Berkeley, Berkeley, California*

Nicole King is a biologist who is reconstructing a critical event in the evolution of life — the emergence of multicellular organisms that form the base of the animal (metazoan) kingdom. Although the unicellular progenitors of animals are long gone, King has focused on organisms known as choanoflagellates, a putative outgroup in the early history of metazoan development. Choanoflagellates are unicellular organisms that share some morphological features with animal cells; some species also form colonies. Using molecular genetic techniques, King isolated from choanoflagellates two types of genes: adhesion molecules and receptor tyrosine kinases. These genes are critical for maintaining the physical integrity of tissues and for intercellular communication, respectively; they were previously believed to exist only in animals. Furthermore, she demonstrated that pharmacological inhibition of receptor tyrosine kinase activity reduces the rate of cell division in choanoflagellates, indicating a functional homology of these genes with their orthologs in animals. With these results, King has shown that the genes necessary for multicellular organization predate the emergence of the metazoan kingdom. She argues that demonstrating the existence of genes does not, however, imply that they are working in a coordinated fashion. In her future research, King plans to use whole organism sequence data to compare the functional genomic organization of choanoflagellates with early metazoans such as the sponge family.

JON KLEINBERG, *Computer Scientist. Professor of Computer Science, Cornell University, Ithaca, New York*

Jon Kleinberg is a computer scientist with a reputation for tackling important, practical problems and, in the process, deriving deep mathematical insights. His research spans diverse topics ranging from computer networking analysis and routing, to data mining, to comparative genomics and protein structure. He is best known for his contributions to two aspects of network theory: “small worlds” and searching the World Wide Web. Since the original demonstration by Milgram, it has become widely understood that any two people are linked by a relatively small number of connections among mutual acquaintances (“six degrees of separation”). Kleinberg extended this concept by introducing the notion of navigability — essentially, the information structure of the network necessary for individuals efficiently to make distant connections based solely on local

information. Surprisingly, he was able to prove that, while certain architectures can be computationally efficient, no algorithm can find the shortest path in networks with short, random connections. This demonstration has important implications both in sociology and in distributed network architecture design (e.g., peer-to-peer file sharing). In addition, Kleinberg has developed an algorithm for identifying the structure of website interactions; his algorithm distinguishes “authority” sites, which contain definitive information, from “hub” sites, which refer to authority sites using hyperlinks. Beyond immediate application in the development of web search engines, this algorithm makes it possible to identify communities of interest on the web without explicit effort needed by members (even without awareness of the existence of the community).

JONATHAN LETHEM, *Novelist. Brooklyn, New York*

Jonathan Lethem is the author of six novels, a novella, two short story collections, and a volume of essays that explore, in various ways, the relationship between so-called high art and popular culture. Characterized by narrative leaps between vastly divergent genres, his fiction weaves the conventions of noir mysteries, westerns, science fiction, and comic books into coming-of-age tales that are otherwise evocative and realistic in content. In his most recent novel, *Fortress of Solitude* (2003), he depicts the intricate codes of childhood street life he navigated while growing up in the Boerum Hill section of Brooklyn during the 1970s, a time when the neighborhood was gentrifying and rife with race and class tensions. Demonstrating keen powers of observation and description, he embeds his readers deeply within the physical and social worlds his characters inhabit, in the schoolyards, on the stoops, and in the midst of the energetic dialogue and pop riffs that pulse throughout. While comic book motifs appear in *Fortress*, Lethem’s earlier novel, *Motherless Brooklyn* (1999), takes the form of a detective story that is ceaselessly interrupted by the outbursts of its highly unconventional narrator, a Tourettes-plagued private investigator named Lionel Essrog. By orchestrating such allusions to popular genres within his fiction, Lethem heightens emotional engagement with his characters, blurs boundaries across a broad spectrum of cultural creations, and expands the frontier of American fiction.

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MICHAEL MANGA, *Geophysicist. Associate Professor of Earth and Planetary Science, University of California, Berkeley, Berkeley, California*

Michael Manga is a geophysicist who applies his background in fluid dynamics to a wide variety of fundamental questions in geology. The phenomena he explores range in scale from microscopic to planetary; he draws insights from field measurements, numerical simulations, laboratory experiments, and even astronomical observations. Manga began his research career by investigating the fluid dynamics of magma. He showed that the effects of bubbles or gas pockets in a liquid can alter shearing rates as a function of fluid viscosity, surface tension between liquid and gas, bubble size, and number of bubbles. He and colleagues subsequently showed how crystal and bubble orientations preserved in volcanic rocks reflect the straining forces imposed on subterranean magma. More recently, Manga has used surface water flux to explore the redistribution of stress through the Earth's crust following an earthquake. Somewhat surprisingly, tiny deformation in water-saturated rock due to distant earthquakes can trigger local earthquakes, changes in groundwater flow, or shifts in underground magma. These results offer the possibility of better identification of regional seismic hazards and forecasting of seismic activity. He does not limit his investigations strictly to terrestrial matters, however; other studies consider the fluid dynamics of planetary evolution, exploring volcanism on Mars and tidal pressures on the ice sheet of Jupiter's moon, Europa. In the laboratory, he uses tanks of corn syrup to model the geophysical properties of these astronomical bodies. Through his coordinated fieldwork, experimentation, and simulation, Manga has opened new avenues for understanding a wide and ever-growing range of geological phenomena.

TODD MARTINEZ, *Theoretical Chemist. Professor of Chemistry, University of Illinois, Urbana-Champaign, Urbana, Illinois*

Todd Martinez is a theoretical chemist who seeks to explain and predict complex chemical reactions based on the quantum mechanical properties of the atoms involved in the reaction. His work focuses on describing molecules at excited states, where conventional ground state electronic structure calculations are inadequate to capture the nature of their chemical reactivity. At subatomic

scales, the electrons and nuclei do not behave like billiard balls, but rather are intrinsically statistical; when graphed, the probabilities representing possible states of a molecule can appear as familiar shapes. In a class of chemical reactions referred to as "nonadiabatic," graphs of potential energy surfaces form cones and these cones intersect. Martinez develops strategies and algorithms that predict the dynamic evolution of systems having conical intersections. He has created models for photoisomerization in several biochemically important molecules. Photoisomerization is a nonadiabatic process in which a photon triggers a molecule to change its conformation (but not its constituent atoms); among other things, it represents the biophysical basis for vision. By combining effective strategies for computing the quantum mechanical properties of complex molecules with a deep intuition for their underlying chemical behavior, Martinez is revealing fundamental insights into the physical basis for chemical reactions.

JULIE MEHRETU, *Painter. New York, New York*

Julie Mehretu is an artist who transforms her canvases into visually spectacular excavations of multiple epochs and locales. As a foundation and point of departure for her work, she depicts public spaces from around the globe — museums, stadiums, and international airports — in the form of heroically scaled maps and architectural plans. On surfaces encased in coats of transparent resin, she paints over these sprawling drawings a maelstrom of colorful, geometric abstractions, iconic imagery, and loosely figurative markings that evoke a world of associations. Certain sketch marks suggest explosions, while others call to mind the curved backs of pilgrims praying at Mecca, or landscapes flecked with grassy plains. In one work entitled *Transcending: The New International* (2003), she renders in India ink the buildings and urban plans from all the capital cities of Africa onto one stratified topography; she includes designs from various eras and overlays these diagrams with a tumult of lines tracing the migrations and battlefronts that have crisscrossed this vast terrain. By layering multiple pictorial planes, she creates the illusion of movement, of elements advancing and receding at dizzying speeds within graphically stunning, timeless space. In so doing, Mehretu creates abstract paintings that grant viewers a dazzling glimpse of history's vicissitudes.



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KEVIN M. MURPHY, *Economist. George J. Stigler Distinguished Service Professor, University of Chicago, Graduate School of Business, Chicago, Illinois*

Kevin M. Murphy is a wide-ranging economist with an aptitude for applying careful empirical analyses within rigorous theoretical frameworks to economic questions of immense social import. Early in his career, Murphy identified how trends in wage inequality reflect underlying changes in demand for labor. These studies not only considered such variables as work experience, education, race, and gender, but also highlighted the importance of within-group wage variability in understanding labor economics. Murphy also considered the phenomenon of addiction from an economic perspective. Contrary to widely held beliefs that addiction distorts economic judgment, Murphy and colleagues developed a model of “rational addiction,” in which consumers anticipate the expected future consequences of their current actions; he developed empirical analyses supporting this model from data on cigarette consumption. Using his model in conjunction with a structural analysis of the industry, Murphy explained the counterintuitive observation of increasing profits for cigarette manufacturers despite decreasing demand for their products. More recently, he has shown that, particularly for conditions such as heart disease and cancer, investment in basic health research and care results in orders of magnitude returns in economic value. In these areas, and many others, Murphy challenges preconceived notions and attacks seemingly intractable economic questions, placing them on a sound empirical and theoretical footing.

OLUFUNMILAYO OLOPADE, *Clinician/Researcher. Professor of Medicine and Human Genetics, University of Chicago Hospitals, Chicago, Illinois*

Olufunmilayo Olopade is an oncologist who translates her basic research on individual and population cancer susceptibility into an effective clinical practice for treating breast cancer among African and African-American women. Trained in clinical oncology and cancer genetics, her early research led to the identification of a tumor suppressor locus on the short arm of the 9th chromosome. Her more recent work focuses more specifically on the molecular genetics of breast cancer in women of African heritage. Tumors of this population demonstrate distinct biological characteristics, including a high level of aggressiveness and resistance to treatment. Olopade first described recurrent BRCA1 mutations in extended

African-American families with breast cancer, and reported BRCA1 and BRCA2 mutations in premenopausal breast cancer patients from West Africa. As founding director of the Center for Clinical Cancer Genetics at The University of Chicago, Olopade leads the application of her research from the bench to the bedside. She oversees a coordinated, multidisciplinary, clinical program that includes oncologists, primary care physicians, genetic counselors, sociologists, and psychologists and provides free access to genetic services for local, at-risk populations. Currently, Olopade also heads a West African clinical trial for a pill form of chemotherapy as treatment for women with advanced breast cancer. In bridging continents with her innovative research and service models, Olopade is increasing the probability of improved outcomes for millions of women of African heritage at risk for cancer here and abroad.

FAZAL SHEIKH, *Photographer. Zurich, Switzerland*

Fazal Sheikh is a documentary photographer who uses the personalizing power of portraiture to bring the faces of the world’s displaced people into focus. His subjects have included Sudanese and Somali refugees at camps in Kenya, survivors of the Soviet occupation of Afghanistan, the indigenous people of Pantanal, Brazil, and immigrants crossing, then recrossing, the border between Mexico and the United States. In contrast to sensational, mass-media depictions of humanitarian crises, he takes formal portraits of his subjects — living among them and earning their collaboration. With names printed prominently next to their images, mothers, children, wounded soldiers, and tribal elders assume stately poses, hold pictures of loved ones, and gaze directly at Sheikh’s camera, producing understated studies of human dignity under devastating circumstances. Relying on the clarity of black-and-white, naturally lit images, he presents these striking photographs with accompanying texts that describe, in the words of his subjects, the personal histories and circumstances leading to the conditions he records. In addition to completing five books of photography and participating in numerous exhibitions, Sheikh disseminates his work on DVD and via free website to reach the widest international audience possible. With his solemn and arresting works of art, Sheikh slows the act of viewing, calls attention to the persistent nature of conflict, and highlights the importance of bearing witness.

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EMILY THOMPSON, *Aural Historian*. Associate Professor of History, University of California, San Diego, San Diego, California

Emily Thompson is an interdisciplinary scholar whose work focuses on the often-overlooked subject of sound and fills an important gap in contemporary American history, reaching into domains as diverse as urban design and cinema studies. In her book, *The Soundscape of Modernity*, she integrates the histories of the United States, technology, science, sound production, and acoustics to examine the transformation of the American soundscape from the turn of the century to the opening of Radio City Music Hall in 1933. Thompson organizes her work around developments in twentieth-century architecture, such as new concert halls and new building materials, and explores innovations in the science of acoustics, the emergence of excessive noise, and the efforts of scientists and designers to create new spaces and a new, “modern” sound. Her interests center around changes in acoustic design as reflections of larger cultural and social shifts in American life in the early 1900s; she documents the interplay between differences in acoustic characteristics of buildings constructed during this period and increases in the value placed at the time on technological mastery, efficiency, and control in modern life. Thompson’s most recent project, on the role of engineers, projectionists, and other industry technicians in the transition to synchronized sound in cinema, promises to provide a similarly penetrating analysis of another important moment in the history of sound and technology. By charting the transformation of the elusive and ephemeral phenomenon of sound, Thompson has recovered an important history of our time.

MICHAEL WALSH, *Vehicle Emissions Specialist*. Technical Consultant, Arlington, Virginia

Michael Walsh is an independent engineer and policy analyst committed to improving regional public health and the global environment by reducing the impact of internal combustion engines on air quality. Beginning in the 1980s with his work shaping legislation that significantly reduced lead emissions in the United States, Walsh has developed a reputation for finding effective and practical solutions to thorny public policy problems. His bimonthly publication, *Car Lines*, is widely recognized by governments, manufacturers, and research institutions as a vital resource for information regarding technical advances in emissions control and trends in regulatory policies. Because of his encyclopedic knowledge of international standards, engineering policy, and air pollutant chemistry, government agencies throughout the world turn to him to help tailor policies to protect air quality that accommodate local priorities and economic conditions. In Central America and Asia, Walsh has demonstrated how leapfrogging emissions standards of the most industrialized economies positions other economies to become centers of advanced technology. Recently, he has turned his attention to reducing sulfur emissions from diesel engines, helping to design fuel standards in the U.S. and elsewhere. With projections of over 1 billion vehicles on the roads worldwide by the year 2025, the problem of protecting health and air quality looms large. By virtue of his indefatigable commitment, soft-spoken persuasion, and unrivaled expertise, Walsh continues to play an important and strategic role in translating science into effective policy action.

Financial Review  
Board of Directors  
Foundation Staff

# FINANCIAL AND GRANT INFORMATION

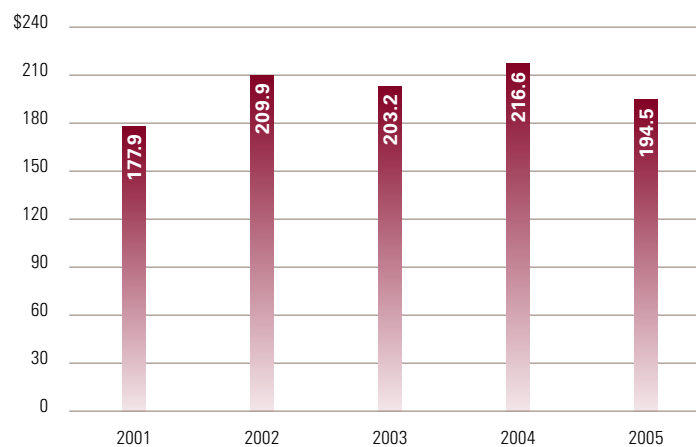
The John D. and Catherine T. MacArthur Foundation makes grants and program-related investments\* to organizations and individuals in the U.S. and internationally to help improve the human condition. In 2005, the Foundation paid out \$194.5 million in grants and program-related investments.

The tables below show how much the Foundation paid out annually from 2001 to 2005, as well as the distribution of grants paid by program in 2005.

The Foundation's grant budget is \$200 million per year. Actual cash paid out from year to year varies depending upon payment schedules of larger grants.

## Grant and Program-Related Investment Payout, 2001-2005

(in millions)



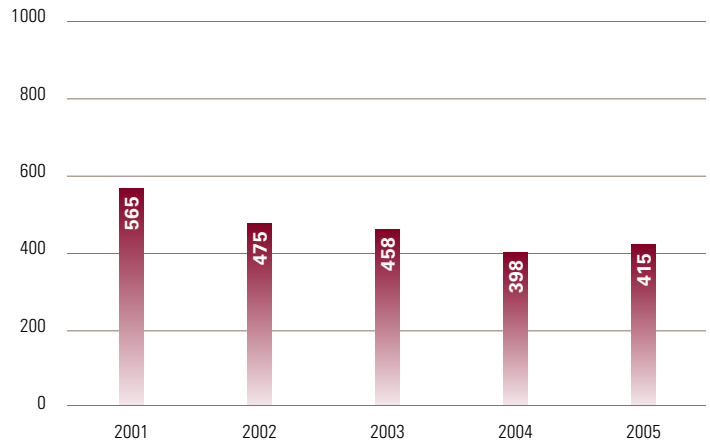
## Payout by Program, 2005

Program	Payout (in millions)	Percent of Total
Global Security and Sustainability	\$ 84.1	43.0%
Human and Community Development	59.3	30.6%
General Program	39.2	20.3%
MacArthur Fellows Program	11.9	6.2%
<b>Total Paid</b>	<b>\$194.5</b>	<b>100.0%</b>

\* Program-related investments are below-market loans and equity investments provided to support charitable activity.

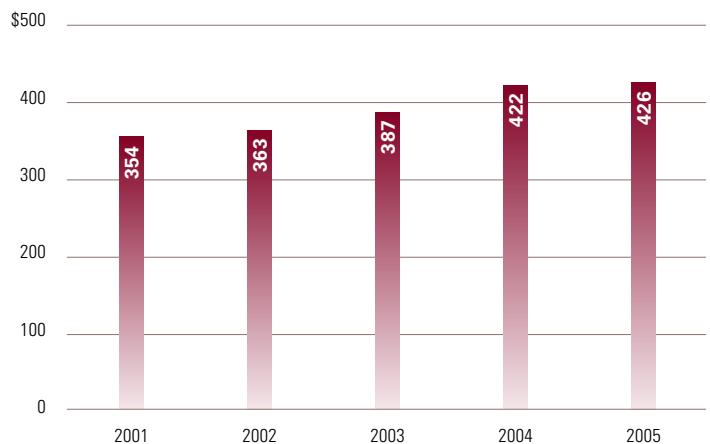
To focus its grantmaking and increase its impact, MacArthur has reduced the number of grants by nearly 40 percent over the last five years, while increasing the size of the average grant by more than 25 percent. As the tables below show, in 2005 the Foundation authorized 415 grants to organizations. The average size of those grants was \$426,000.

**Number of Grants to Organizations Per Year, 2001-2005**



**Average Grant Size to Organizations, 2001-2005**

(in thousands)



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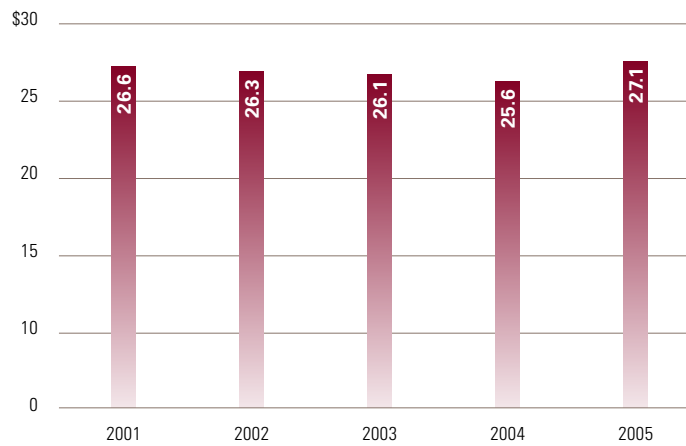
## PROGRAM ADMINISTRATIVE EXPENSE

The Foundation's charitable administrative costs totaled \$27.1 million in 2005, less than 2 percent above their 2001 level. This represents 12 percent of total charitable expenditures. The table below shows charitable administrative expenses over the last five years.

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### Program Administrative Expenses, 2001-2005

(in millions)



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## INVESTMENT SUMMARY

The Foundation invests for the long term with the objective of earning a real rate of return, net of expenses, sufficient to fund its charitable giving and operations. The underlying principles to the Foundation's investment approach may be summarized as follows:

- The Foundation maintains a broadly diversified portfolio with allocation to a variety of asset classes, both public and private.
- The broad diversification, combined with rigorous analytical research, is intended to enable the Foundation to manage risk so that it can perform well in strong markets while protecting against substantial capital loss in weak markets.
- The Foundation seeks to achieve strong net returns over time at a cost comparable to other institutions with similar asset allocations.
- The Foundation's net returns have been strong over various periods of time as demonstrated on the following pages.

The investment portfolio had a return of 15.5 percent in 2005 net of investment management costs. The first table on the following page shows assets at the end of each of the last five years and the annual investment return for those years.

**Total Assets and Rate of Return, 2001-2005**

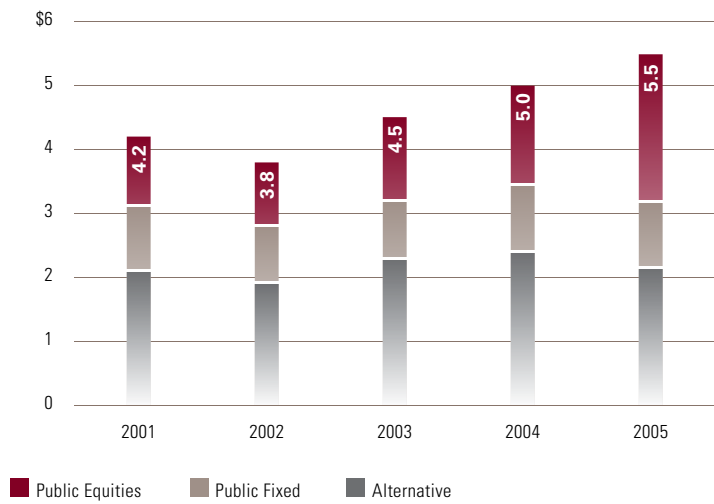
Year	Assets*	Rate of Return
2001	\$4,215,930,831	-4.45%
2002	\$3,836,621,632	-4.47%
2003	\$4,530,410,640	25.98%
2004	\$5,034,822,738	17.01%
2005	\$5,490,448,851	15.47%

\* Changes in assets result from increases or decreases in the value of the investment portfolio, as well as grant and administrative spending.

The following tables show the Foundation's asset allocation over the past five years and provide details of the 2005 asset allocation.

**Asset Allocation, 2001-2005**

(in billions)

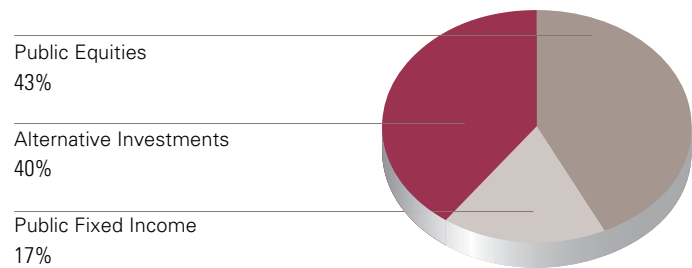




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**Asset Allocation**

As of December 31, 2005



The Foundation's most recent audited financial report and tax return (990-PF) are available online at [www.macfound.org](http://www.macfound.org) under "About the Foundation" or by contacting the Foundation's Chief Financial Officer, Marc Yanchura, at (312) 726-8000 or [4answers@macfound.org](mailto:4answers@macfound.org).

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# FINANCIAL REVIEW

## Statements of Financial Position

December 31, 2005 and 2004

(000's omitted)

	2005	2004
<b>ASSETS</b>		
Cash and cash equivalents	\$ 2,075	\$ 5,546
Investments	5,371,533	4,901,865
Program-related investments	83,881	81,442
Assets held for charitable use	31,179	30,777
Other assets	1,781	3,593
<b>Total assets</b>	<b>\$ 5,490,449</b>	<b>\$ 5,023,223</b>
<b>LIABILITIES AND NET ASSETS</b>		
Grants payable	\$ 232,719	\$ 255,016
Other liabilities	29,421	28,550
Excise and income taxes	18,452	14,833
<b>Total liabilities</b>	<b>280,592</b>	<b>298,399</b>
Unrestricted net assets	5,209,857	4,724,824
<b>Total liabilities and net assets</b>	<b>\$ 5,490,449</b>	<b>\$ 5,023,223</b>

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**Statements of Activities**

December 31, 2005 and 2004

(000's omitted)

	2005	2004
INVESTMENT INCOME		
Interest and dividends	\$ 129,436	\$ 124,025
Realized gain	571,607	429,628
Other	4,709	4,742
Total investment income	705,752	558,395
INVESTMENT EXPENSES		
Fees and expenses	56,559	58,269
Excise and income taxes	23,237	5,835
Total investment expenses	79,796	64,104
UNREALIZED GAIN ON INVESTMENTS	51,738	238,982
Net investment income	677,694	733,273
OPERATING EXPENSES		
Grants authorized	161,387	173,184
Direct program	1,627	1,765
Administrative	25,028	23,144
Other	4,619	3,166
Total operating expenses	192,661	201,259
Change in unrestricted net assets	485,033	532,014
UNRESTRICTED NET ASSETS, BEGINNING OF YEAR	4,724,824	4,192,810
UNRESTRICTED NET ASSETS, END OF YEAR	\$ 5,209,857	\$ 4,724,824

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# BOARD OF DIRECTORS

*As of May 15, 2006*

**Sara Lawrence-Lightfoot** is chair of the Foundation's board. A sociologist, she is the Emily Hargroves Fisher Professor of Education at Harvard University. She studies the organization, structure, and cultural contexts of schools. She is the author of eight books, including *The Good High School*, *Respect: An Exploration*, and *The Essential Conversation: What Parents and Teachers Can Learn from Each Other*.

**Lloyd Axworthy** is president and vice chancellor of the University of Winnipeg. He is a former Minister of Foreign Affairs of Canada. In February 2004, he was appointed UN Special Envoy for Ethiopia-Eritrea to assist in implementing a peace agreement between the East African countries.

**John Seely Brown** is the former chief scientist of Xerox Corporation and former director of Xerox Palo Alto Research Center (PARC). Brown co-founded the Institute for Research on Learning, which explores the problems of lifelong learning.

**Drew Saunders Days, III** is Alfred M. Rankin Professor of Law at the Yale Law School and of counsel to the law firm of Morrison and Foerter LLP, specializing in Supreme Court and appellate practice. He is a former Solicitor General of the U.S. (1993-1996) and former Assistant Attorney General for Civil Rights (1977-1980).

**Robert E. Denham** is an attorney with the law firm of Munger, Tolles & Olson LLP, specializing in corporate, financial, and strategic issues. He is the former chair and chief executive officer of Salomon Inc.

**Jonathan F. Fanton** has been president of the John D. and Catherine T. MacArthur Foundation since September 1, 1999. Previously he was president of New School University in New York City and vice president for planning at The University of Chicago, where he taught American history.

**Jack Fuller** was president of Tribune Publishing (1997-2001) and on its board of directors from 2001 until he retired in 2004. In 1986 he won a Pulitzer Prize for his editorials in the *Chicago Tribune* on constitutional issues. He is the author of *News Values: Ideas for an Information Age* and six novels.

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**Jamie Gorelick** is a partner in the Washington office of Wilmer Cutler Pickering Hale and Dorr LLP. She has previously served as a member of the 9/11 Commission, as Deputy Attorney General of the United States, and as General Counsel at the Department of Defense, among other positions.

**Mary Graham** is co-director of the Transparency Policy Project at Harvard's Kennedy School of Government and a visiting fellow at the Brookings Institution in Washington, D.C. She is the author of *Democracy by Disclosure: The Rise of Technopopulism* and *The Morning after Earth Day: Practical Environmental Politics*.

**Donald R. Hopkins, M.D., M.P.H.**, is associate executive director for health programs at The Carter Center, a nonprofit, non-governmental organization based in Atlanta, Georgia. He is responsible for leading public health efforts such as the center's worldwide Guinea worm eradication initiative and its efforts to fight river blindness and trachoma in Africa and Latin America. Formerly, he served for 20 years at the Centers for Disease Control and Prevention. He is the author of *The Greatest Killer: Smallpox in History*.

**Will Miller** is chairman and chief executive officer of Irwin Financial Corporation of Columbus, Indiana, an interrelated group of financial services companies serving consumers and small businesses across the United States and Canada.

**Mario J. Molina** is a professor at the University of California, San Diego (UCSD), with a joint appointment in the Department of Chemistry and Biochemistry and the Scripps Institution of Oceanography. He is a member of the U.S. National Academy of Sciences and the Institute of Medicine, and of the Pontifical Academy of Sciences. Molina received the Tyler Ecology & Energy Prize in 1983, the Nobel Prize for Chemistry in 1995, and the UNEP-Sasakawa Award in 1999.

**Marjorie M. Scardino** is chief executive officer of Pearson, an international education and media group headquartered in London, England, whose primary business operations include The Financial Times Group, Penguin Pearson Education, and half interest in The Economist Group. She won a Pulitzer Prize in 1984 while publisher, with her husband, of a weekly newspaper in Georgia. Formerly, she was chief executive officer of The Economist Group.

**Thomas C. Theobald** is an investor and partner in Chicago Growth Partners, a Chicago-based private equity firm. Earlier he was chair and chief executive officer of Continental Bank Corporation and vice chair of Citibank/Citicorp.

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# FOUNDATION STAFF

*As of May 15, 2006*

## OFFICE OF THE PRESIDENT

JONATHAN F. FANTON  
President

WILLIAM E. LOWRY  
Senior Advisor to the President

ELIZABETH T. KANE  
Chief of Staff

MATT T. REED  
Assistant to the President

ROSE E. SPRINKLE  
Special Assistant

LUZ MARIA BLANCO  
Executive Assistant

CARMEN GARCIA  
Executive Assistant

KATHLEEN H. ZAMORSKI  
Executive Assistant

## PROGRAM ON GLOBAL SECURITY AND SUSTAINABILITY

GARY S. SAMORE  
Vice President, Global Security  
and Sustainability

AMY E. GORDON  
Director, International Peace  
and Security

JUDITH F. HELZNER  
Director, Population and  
Reproductive Health

MARY R. PAGE  
Director, Human Rights and  
International Justice

JOHN W. SLOCUM  
Director, Global Migration &  
Human Mobility and  
Co-Chair, Higher Education  
Initiative–Russia

R. MICHAEL WRIGHT  
Director, Conservation and  
Sustainable Development

DAVID S. SPIELFOGEL  
Director, Program  
Administration

ANN K. BLANC  
Program Officer

ELIZABETH CHADRI  
Program Officer

STEPHEN E. CORNELIUS  
Program Officer

RAOUL J. DAVION  
Program Officer and  
Co-Chair, Higher Education  
Initiative–Africa

LUKAS HAYNES  
Program Officer

DAVID L. HULSE  
Program Officer

MILENA NOVY-MARX  
Program Officer

CARRIE SHIELD  
Executive Assistant

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# HOW TO APPLY

## Letter of inquiry

The first step in learning if grant support from MacArthur is available is to thoroughly review the grant-making guidelines that are on the Foundation's website. At the end of the description of each grantmaking area is a brief item about the availability of grants. If support is available, the next step is to submit a cover sheet and a letter of inquiry about the work being proposed. Send it by mail to the Office of Grants Management at the Foundation's Chicago address. The letter of inquiry can also be sent by e-mail to [4answers@macfound.org](mailto:4answers@macfound.org).

In order to expedite a letter of inquiry, it is important that it include a cover sheet with the following information:

- Information regarding who will carry out the work
- Name of your organization (and acronym if commonly used)
- Name of parent organization, if any
- Name of chief executive officer or person holding similar position
- Organization's address (and courier address if different)
- Organization's phone number, fax number, and e-mail address, if any
- Name and title of the principal contact person, if different from the above
- Address (and courier address if different), phone number, and fax number of principal contact
- E-mail address of principal contact
- Web address, if any.

There is no set format, but letters of inquiry generally include the following:

- Name or topic of the proposed project or work to be done
- A brief statement (two or three sentences) of the purpose and nature of the proposed work
- The significance of the issue addressed by the project and how it relates to a stated MacArthur program strategy
- How the work will address the issue
- How the issue relates to your organization, and why your organization is qualified to undertake the project
- Geographic area or country where the work will take place
- Time period for which funding is requested
- Information about those who will be helped by and interested in the work and how you will communicate with them
- Amount of funding requested from MacArthur and total cost (estimates are acceptable).

## The Foundation's response

We will send you an acknowledgment that your letter of inquiry was received, and we will direct it to the appropriate staff members for review. If, as a result of that review, the Foundation concludes that there is no prospect of Foundation funding, we will notify you promptly. Please allow up to eight weeks for the Foundation to reply. If the Foundation decides that your project might qualify for a grant, we will contact you to discuss next steps and what further information is required.

As is now the case with most charities in the United States who make grants to organizations based outside the United States, the Foundation checks the names of foreign-based grantees, and the principal officers and directors of such grantees, against one or more lists maintained by the U.S. government, the European Union, and the United Nations, which contain the names determined by such entities to be terrorist organizations or individual terrorists. This process is a result of legislation passed by the U.S. Congress, Executive Orders issued by the President, and suggested guidelines issued by the U.S. Department of the Treasury. A memorandum on this topic is available upon request.

All material submitted becomes the property of the MacArthur Foundation. The Foundation sometimes submits inquiries or proposals to confidential outside review.

## Deadlines

With few exceptions, as noted elsewhere, there are no fixed deadlines.

## What the Foundation does not support

Please note that the Foundation does not support political activities or attempts to influence action on specific legislation. We do not provide scholarships or tuition assistance for undergraduate, graduate, or post-graduate studies; nor do we support annual fundraising drives, institutional benefits, honorary functions, or similar projects.

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# INDEX TO GRANTS AUTHORIZED

- A**
- ABTI-American University of Nigeria, School of Information Technology & Communication, 47
  - Academia Mexicana de Derechos Humanos, 35
  - Academic Educational Forum on International Relations, 46
  - Academy for Nursing Studies, 43
  - Adolescent Health and Information Projects, 45
  - Afluentes, 44
  - African Economic Research Consortium, 47
  - African Virtual University, 47
  - African Wildlife Foundation, 40
  - Alliance of Human Rights Organizations in Sverdlovsk Oblast, 35
  - Alliances for Africa, 36
  - Alsop, Marin, 72
  - Amazon Conservation Association, 41
  - American Association for the Advancement of Science, 34
  - American Bar Association, Fund for Justice and Education, 36
  - American Civil Liberties Union Foundation, 34
  - American Councils for International Education, 46
  - American Library Association, Office for Information Technology Policy, 65
  - American Museum of Natural History, 41
  - American University, School of Communication, 65
  - Ames, Ted, 72
  - Article 19, 44
  - Arts Engine, 64
  - Asesoría, Capacitación y Asistencia en Salud, A.C., 44
  - Aspen Institute, 37, 58
    - Congressional Program, 37
    - International and Policy Programs, 57
  - Autonomous non profit organization ISE Center, 47
  - Avocats Sans Frontieres, 36
- B**
- Beihang University School of Astronautics, 37
  - Belanger, Terry, 73
  - Belzberg, Edet, 73
  - Benetech, 34
  - BirdLife International, 41
  - Blueprint Research & Design, 56
  - Boston Center for Adult Education, 68
  - Brookings Institution, Governance Studies Program, 58
  - Brown University, Annenberg Institute for School Reform, 57
- C**
- California Academy of Sciences, 40
  - California Center for Population Research, 45
  - California Newsreel, 64
  - Camino Bluff Productions, 64
  - CARE USA, 36
  - Carnegie Endowment for International Peace, 38, 47
  - Carnegie Institution of Washington, Department of Global Ecology, 42
  - Carnegie Mellon University, Department of Engineering and Public Policy, 38
  - Carter, Majora, 73
  - Catholics for a Free Choice, 45
  - CDFI Data Project, 58
  - Center for Arms Control and Non-Proliferation, 38
  - Center for Economic Progress, 52
  - Center for Information Research, Institute of the USA and Canada, 36
  - Center for International Environmental Law—U.S., 65
  - Center for Investigative Reporting, 64
  - Center for Media and Security, 39
  - Center for National Policy, 38
  - Center for Strategic and Budgetary Assessments, 38
  - Center for Strategic & International Studies, 38, 47
  - Center on Budget and Policy Priorities, 58
  - Central-Blacksoil Center for Protection of Media Rights, 36
  - Centre for Law Enforcement Education, 35
  - Centro de Conservación, Investigación y Manejo de Áreas Naturales, Cordillera Azul, 41
  - Centro de Derechos Humanos de la Montaña, Tlachinollan A.C., 35
  - Centro Mujeres, 44
  - Centro para el Desarrollo del Indígena Amazónico, 41
  - Chen, Lu, 74
  - Chicago Children's Theatre, 66
  - Chicago Council on Foreign Relations, 48
  - Chicago Council on Urban Affairs, 55
  - Chicago Foundation for Education, 57
  - Chicago Foundation for Women, 66
  - Chicago Project for Violence Prevention, 52
  - Chicago Teachers Union Quest Center, 57
  - Child Welfare League of America, 55
  - China Arms Control and Disarmament Association, 39
  - China Foundation for International and Strategic Studies, 39
  - Churchill Northern Studies Centre, 42
  - City College, 38
  - City Colleges of Chicago, 66
  - City of Chicago, Department of Housing, 55
  - City of New York, Department of Housing Preservation and Development, 53
  - City University of New York, 39
  - Coalition for Environmentally Safe Communities, 52
  - Cohen, Michael, 74
  - College of William and Mary, 38
  - Columbia University, 34
  - Columbia University in the City of New York, Center for United States—China Arts Exchange, 40
  - Commission on the Abraham Lincoln Study Abroad Fellowship Program, 57
  - Committee for Civil Rights, 36
  - Committee of Vice-Chancellors, 47
  - Community Builders, 54
  - Community Forestry International, 41
  - Community Foundation for the National Capital Region, 68
  - Community Preservation and Development Corporation, 53
  - Comunicación e Información de la Mujer, 44
  - Conservation Through Public Health, 40
  - Consortio para el Diálogo Parlamentario y la Equidad, Asociación Civil, 44
  - Consortium of Women's Non-governmental Associations, 36
  - Cornell University, Peace Studies Program, 39
  - Council of State Governments, Eastern Regional Conference, 52, 59
  - Council on Foreign Relations, 38
  - Council on Foundations, 68
  - Court Appointed Special Advocates of Cook County, 55
  - Creative Commons, 65
  - Curtin, Joseph, 74
- D**
- Darfur Peace and Development Organization, 37
  - Darmstadt University of Technology, Interdisciplinary Research Group, Science Technology and Security, 39
  - Democracia y Sexualidad, 44
  - Demos: A Network for Ideas and Action, 58
  - DePaul University College of Law, International Human Rights Law Institute, 37
  - Deutsche Stiftung Weltbevölkerung, German Foundation for World Population, 45
  - Development Alternatives with Women for a New Era, 45
  - Donors Forum Russia, 36
  - Duke University School of Medicine, Services Effectiveness Research Program, 59
  - DuSable Museum of African American History, 66
  - Dworkin, Aaron, 75

- E**
- Educational Broadcasting Corporation, 64
- Energy Foundation, 68
- Enterprise Corporation of the Delta, 59, 59
- Essential Information, 65
- European University at St. Petersburg, 47
- Eyebeam, 65
- F**
- Family Care International, 45
- Family Violence Prevention Fund, 45
- Fauna & Flora International, 40
- Federation Internationale Des Ligues Des Droits De L'Homme, 34
- Fernández, Teresita, 75
- Field Museum, 41
- Five Star Films, 64
- Florida Atlantic University, Catanes Center for Urban and Environmental Solutions, 60
- Fordham University, 48
- Foro Nacional de Mujeres y Políticas de Poblacion Capitulo Distrito Federal, 44
- Foundation Center, 68
- Foundation for Independent Video and Film, 64
- Fundacion Amigos de la Naturaleza, 41
- Fundacion Cayetano Heredia, 42
- Fundacion Para el Desarrollo del Sistema Nacional de Areas Protegidas, 42
- Fundacion Yangareko, 42
- FUNDAR, Centro de Analisis e Investigacion, 35, 44
- Funders' Network for Smart Growth and Livable Communities, 60
- Future of Music Coalition, 65
- G**
- Gender and Development Action, 35
- George Washington University Medical Center, Center for Global Health, 45
- George Washington University Elliott School of International Affairs, 38
- Space Policy Institute, 38
- Georgia Tech Research Corporation, 39, 54
- Global Fund for Women, 45
- Global Kids, 56
- Global Policy Forum, 37
- Gmachl, Claire, 75
- Goldie, Sue, 76
- Goodman, Steven, 76
- Grantmakers in the Arts, 66
- Green Media Toolshed, 68
- Greenwatch, 40
- Gynergy Health Projects, 45
- H**
- Harbury, Pehr, 76
- Harris Theater for Music and Dance, 66
- Harvard Law School, Berkman Center for Internet and Society, 34, 65
- Harvard University, 64
- Center for Population and Development Studies, 45
- School of Public Health, 45
- Harvard University, John F. Kennedy School of Government, Carr Center for Human Rights Policy, 34
- Heartland Alliance for Human Needs and Human Rights, 58, 59
- Henry L. Stimson Center, 38
- Hispanic Housing Development Corporation, 53
- Housing Assistance Council, 53
- Housing Illinois, 55
- Housing Opportunities and Maintenance for the Elderly, 60
- Housing Partnership Network, 53, 58, 59
- Housing Preservation Project, 53
- Human Rights in China, 34
- Human Rights Watch, 34
- Hungarian Helsinki Committee, 34
- I**
- Illinois Arts Alliance Foundation, 66
- Illinois Coalition for Immigrant and Refugee Rights, 52
- INDEM Foundation, 36
- Independent Council of Legal Expertise, 36
- Independent Feature Project, 64
- Independent Institute for Social Policy, 47
- Independent Sector, 68
- Indiana University, Workshop in Political Theory and Policy Analysis, 42
- Inner Asian Conservation, 41, 64
- Institute for Educational Leadership, 57
- Institute for Human Rights and Development in Africa, 35
- Institute of Applied Physics and Computational Mathematics, 39
- Instituto del Bien Comun, 42
- Instituto Mexicano para el Desarrollo Comunitario AC, 35
- Instituto para la Seguridad y la Democracia A.C., 35
- Instituto Tecnologico Autonomo de Mexico, 35
- Intellectual Property Watch, 65
- INTERIGHTS, International Centre for the Legal Protection of Human Rights, 35
- International Bar Association, 37
- International Center for Research on Women, 45
- International Center for Transitional Justice, 37
- International Centre for Integrated Mountain Development, 41
- International Institute for Strategic Studies, 38
- International Institute for Sustainable Development, 42
- International Union for Conservation of Nature and Natural Resources-United States, 42
- Interregional Human Rights Group, 36
- Investigacion en Salud y Demografia, 44
- J**
- JSTOR, 47
- Jurix, 36
- Juvenile Law Center, 55
- K**
- Kartemquin Educational Films, 64
- Kikim Media, 64
- King, Nicole, 77
- Kleinberg, Jon, 77
- Kohl Children's Museum of Greater Chicago, 66
- L**
- Landau Network-Centro Volta, Centro Di Cultura Scientifica Alessandro Volta, 39
- Leadership Enterprise for a Diverse America, 68
- League of Chicago Theatres Foundation, 66
- Lethem, Jonathan, 77
- Lichtenstein Creative Media, 64
- Liga para la Defensa del Medio Ambiente, 42
- Local Initiatives Support Corporation, 52
- Lookingglass Theatre Company, 66
- Louisiana Board of Regents, 55
- M**
- Makerere University, Institute of Environment and Natural Resources, 40
- Management Strategies for Africa, 45
- Management Systems International, 45
- Manga, Michael, 78
- Martinez, Todd, 78
- Massachusetts Institute of Technology, 43
- Comparative Media Studies, 56
- Security Studies Program, 38
- Mbarara University of Science and Technology, Institute of Tropical Forest Conservation, 40
- MDRC, 52
- Mehretu, Julie, 78
- MEM Associates, 57
- Mercy Housing, 55
- Metro Chicago Information Center, 52
- Metropolitan Mayors Caucus, 60
- Metropolitan Planning Council, 54
- Monterey Institute for Technology and Education, 56
- Monterey Institute of International Studies, 38
- Moscow Center for Gender Studies, 36
- Moscow Guild of Theater and Screen Actors, 36
- Moscow School of Social and Economic Sciences, 47
- Moscow State Institute of International Relations, 47
- Mountain Institute, 41
- Movement for the Survival of the Ogoni People (MOSOP), 35
- Murphy, Kevin M., 79
- Museum of Broadcast Communications, 66
- N**
- National Academy of Sciences Committee on International Security and Arms Control, 39
- Institute of Medicine, 58
- National Association of Latino Independent Producers, 64
- National Center for Victims of Crime, 52
- National Conference of State Legislatures, 56
- National Council of Juvenile and Family Court Judges, 56
- National Council of La Raza, 56
- National Housing Law Project, 53
- National Low Income Housing Coalition, 54
- National Opinion Research Center at the University of Chicago, 54
- National Universities Commission, 47
- National University of Rwanda, Department of Biology, 40
- Nature Conservancy, Asia/Pacific Region, 43
- Near West Side Community Development Corporation, 54
- Nehru Foundation for Development, 43

- Neighborhood Funders Group, 60  
 Neighborhood Reinvestment, 54  
 Neighborhood Safety Initiative, 52  
 Nepalese Youth Opportunity Foundation, 45  
 Network on Police Reform in Nigeria, 35  
 New Economic School, 47  
 New Media Consortium, 57  
 New Press, 60  
 New Woman Foundation, 46  
 New York City Affordable Housing Acquisition Fund, 54  
 New York City Economic Development Corporation, 52  
 New York University, Dialogues: Islamic World-U.S.-The West, 48  
 NHP Foundation, 54  
 Niger Delta Human and Environmental Rescue Organisation, 35  
 Nigeria Higher Education Foundation, 47  
 Nigeria ICT Forum of Partnership Institutions, 48  
 Northeastern Illinois Planning Commission, 53  
 Northwestern University School of Law, 54  
 Northwestern University, Children and Family Justice Center, 56
- O**
- Office Rwandais du Tourisme et des Parcs Nationaux, 40  
 Ohio State University, 57  
 Ohio University, School of Communication Studies, 56  
 Olopade, Olufunmilayo, 79  
 OMG Center for Collaborative Learning, 53  
 One Economy Corporation, 54  
 Organization for Tropical Studies, 42
- P**
- Peking University, School of International Studies, International Security Program, 39  
 Perm Civic Chamber, 36  
 Philanthropic Ventures Foundation, 35  
 Philanthropy Roundtable, 38  
 Population Council, 43, 46  
 Princeton University, Woodrow Wilson School of Public and International Affairs, 38, 39  
 PROFONANPE, 42  
 Project Match, 54
- Public Committee for the Protection of Human Rights, 36  
 Public Interest Projects, 66  
 Public Service Broadcasting Trust, 43  
 Public Verdict Fund, 36  
 Pugwash Conferences on Science and World Affairs, 39
- R**
- Redress Trust, 37  
 Regional Public Organization Network for Ethnological Monitoring and Early Warning, 47  
 Reproductive Health Matters, 46  
 Resources Himalaya Foundation, 41  
 Rosario Castellanos—Grupo de Estudios Sobre la Mujer, 44  
 Royal Society for the Protection of Nature, 41  
 Russian Political Science Association, 47
- S**
- Safer Foundation, 53  
 Salud Integral para la Mujer, 44  
 Salzburg Seminar, 47  
 San Antonio Alternative Housing Corporation, 54  
 Saratov Legal Reform Project, 36  
 Seva Mandir, 43  
 Shehu Musa Yar'Adua Foundation, 48  
 Sheikh, Fazal, 79  
 Shorebank Enterprise Pacific, 58  
 Social Science Research Council, 59  
 Sociedad Peruana de Derecho Ambiental, 42  
 Southern Development Bancorporation, Inc., 59  
 Southern Mutual Help Association, 59  
 St. John's National Academy of Health Sciences, 44  
 Stanford University  
 Center for International Security and Cooperation, 38  
 Institute for the Environment, 43  
 School of Education, 57  
 State of Louisiana, Office of the Governor, 56  
 Stewards of Affordable Housing for the Future, 54
- T**
- TAC, 56  
 Tax Policy Forum, 60  
 Tertiary Education Network, 48  
 Thompson, Emily, 80  
 Treatment Alternatives for Safe Communities, 53  
 Tsinghua University, Institute of International Studies, 39  
 Tsinghua University Law School, 37
- U**
- U.S. Civilian Research and Development Foundation, 47  
 U.S. Pugwash, 38, 39  
 Uganda Wildlife Authority, 40  
 ULI Foundation, 54  
 Unidad de Atencion Sicológica, Sexologica y Educativa para el Crecimiento Personal, 44  
 United Nations Educational, Scientific and Cultural Organization, 41  
 United States Committee for the United Nations Population Fund, 46  
 Universidad Nacional de la Amazonia Peruana, Escuela de Post Grado 42  
 University of British Columbia, LIU Institute for Global Issues, 37  
 University of California, Berkeley, 57  
 Graduate School of Journalism, 35  
 Human Rights Center, 37  
 Richard and Rhoda Goldman School of Public Policy, 39  
 School of Information Management and Systems, 57  
 Institute of Business and Economic Research, Program on Housing and Urban Policy, 55  
 University of California, Irvine, 46  
 University of Chicago, 55  
 Center for Urban School Improvement, 57  
 Consortium on Chicago School Research, 57  
 Department of Economics, 46  
 School of Social Service Administration, 55  
 University of East Anglia, Overseas Development Group, 40  
 University of Florida, Geography Department, 42  
 University of Georgia Foundation, 39  
 University of Hawai'i at Manoa, Office of Research Services, 59  
 University of Ibadan, 48  
 University of Illinois at Chicago, 66  
 University Library, 65  
 University of Illinois at Urbana—Champaign, 48  
 University of Massachusetts, Medical Center, 56  
 University of Michigan, School of Natural Resources and Environment, 43  
 University of North Carolina Press, 65  
 University of Southern California, Annenberg Center for Communication, 57
- University of Texas at Austin, Population Research Center, 46  
 University of Virginia, 59  
 University of Wisconsin—Madison, Institute for Research on Poverty, 55  
 Urban Homesteading Assistance Board, 54  
 Urban Institute, 53, 55
- V**
- Volunteers of America, 54, 59
- W**
- W.K. Sullivan School, 57  
 Walsh, Michael, 80  
 We the People Media, 55  
 West Wind Productions, 65  
 WGBH Educational Foundation, 65  
 Frontline, 65  
 Wildlife Conservation Society, 40, 42  
 Wildlife Trust, 43  
 WNET Channel 13, (Thirteen – WNET), 65  
 Women's Global Health Imperative, University of California, San Francisco, 46  
 Women's Initiatives for Gender Justice, 37  
 Women's Right Advancement and Protection Alternative, 35  
 World Bank, International Bank for Reconstruction and Development, 43  
 World Federalist Movement—Institute for Global Policy, 37  
 World Resources Institute, 41  
 World Wildlife Fund, 41, 42, 43
- Y**
- Yale University, 46  
 School of Forestry and Environmental Studies, 43  
 School of Law, 65  
 Youth Human Rights Movement, 36  
 Youth Transition Funders' Group, 56

# APPRECIATION

In June 2005, three longstanding members of the MacArthur board retired.

William Foege, a physician with a lifelong dedication to world health, brought to our discussions a deep knowledge of the developing world and an understanding of the interplay of issues within the fields of health, economic development, the environment, and security.

John Holdren, trained in engineering and plasma physics, understands the uses and misuses of science in the policy process. His profound intellectual insights helped shape our thinking about peace and security, as well as the environment and energy.

George Ranney, Jr., a lawyer and business leader with a broad understanding of urban issues and the important interrelations between the problems of neighborhoods, cities, and their regions, contributed greatly to shaping the Foundation's urban and regional grantmaking.

While each brought special expertise, interests, and insights to the work of the board, all three shared a commitment to, and were active participants in, all aspects of the Foundation's work. It is with appreciation and admiration that the Foundation recognizes and thanks these three extraordinary leaders. MacArthur is a better foundation, in so many ways, because of their service on the board.

SARA LAWRENCE-LIGHTFOOT  
*Chair*

JONATHAN F. FANTON  
*President*



**William H. Foege**  
(MacArthur Board of Directors 1991-2005) is Distinguished Professor at the Rollins School of Public Health at Emory

University and a fellow for health policy at the university's Carter Center. He also serves as a fellow of the Bill & Melinda Gates Foundation. Foege worked for 20 years at the Centers for Disease Control, of which he was director for five years. In the 1970s, he worked on the successful campaign to eradicate smallpox. Foege attended Pacific Lutheran University, received his medical degree from the University of Washington and his Master's in Public Health from Harvard University.



**John P. Holdren**  
(MacArthur Board of Directors 1991-2005) is the Teresa and John Heinz Professor of Environmental Policy

and director of the Program in Science, Technology, and Public Policy at the Kennedy School of Government at Harvard University. He also serves as a professor in Harvard's Department of Earth and Planetary Sciences, Director of the Woods Hole Research Center, and President (2006-2007) of the American Association for the Advancement of Science. Trained in engineering and plasma physics at MIT and Stanford, Holdren co-founded and co-led for 23 years the graduate program in energy and resources at the University of California, Berkeley.



**George A. Ranney, Jr.**  
(MacArthur Board of Directors 1991-2005) is president and CEO of Chicago Metropolitan

2020, Senior Counsel to the Chicago law firm of Mayer, Brown, Rowe & Maw, and Chairman and CEO of Prairie Holdings Corporation. He was vice president and general counsel of Inland Steel Industries, Inc. Ranney has also served as a senior finance officer for the State of Illinois and chaired state commissions for three governors. He graduated *magna cum laude* from Harvard College, where he was awarded a Shaw Fellowship to travel around the world for a year, and from the University of Chicago Law School, where he was editor-in-chief of the Law Review.

### **Our Commitment to Fairness and Courtesy**

The Foundation is committed to ensuring that grant-seekers, grantees, and others of the public have access to clear and up-to-date information about the Foundation and its grantmaking programs, and are treated with fairness and professional courtesy. To this end we are committed to providing:

- Understandable, updated descriptions of grantmaking goals and strategies
- Clear procedures for submitting a grant request to the Foundation
- Prompt and courteous responses to all inquiries
- Fair and expeditious consideration of grant requests
- Clear policies and procedures for submitting grant reports
- A named contact at MacArthur for applicants or grantees.

If you feel that you have not been treated with fairness and professional courtesy, you are invited to bring your concern to the pertinent staff member, the vice-president in charge of the program or area, or to the president. Alternatively, a senior staff person has been designated to receive and address concerns about our process. He is John Hurley, Secretary of the Foundation. His direct phone is (312) 920-6252, and his e-mail address is [concerns@macfound.org](mailto:concerns@macfound.org).

John Hurley will ensure that the matter is understood and addressed, where appropriate, by relevant Foundation staff and will report back to the concerned person. If asked, he will keep confidential the name and organization of the person submitting the feedback.

Please note that John Hurley's role does not extend to providing a second venue for the appeal of decisions about grant proposals. It is the program staff, including program officers, directors, vice presidents, and the president, who decide the substantive merit of proposed projects, and it is the program staff who decide whether to reconsider a proposal, once declined.

We hope this additional way of registering concerns about our adherence to professional standards will be useful.

### **Credits:**

p. 6, Landsat image, Carnegie Institution; inset South America images, Carnegie Institution and Google Earth; p. 20, the Kim Lee family photographed by Chris Strong at the Neighborhood Technology Resource Center, Lawndale at Homan Square (Chicago); p. 61, Still Here, Interactive Cinema Installation, 2005, Morgan Barnard; p. 69, Joseph Curtin. Produced by Lipman Hearne, Chicago/Washington



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