100&Change is a MacArthur Foundation competition for a $100 million grant to fund a single proposal that promises real and measurable progress in solving a critical problem of our time.

### ADDICTION

**The Cleveland Clinic Foundation (Cleveland Clinic)**  
Fighting opioid addiction through education and multidisciplinary approaches to pain management  
Website: my.clevelandclinic.org  
Overview video: https://youtu.be/bkdO2HC_xM

**Facing Addiction**  
Recognizing addiction as a chronic disease and fighting it with diagnosis, treatment, and support  
Website: https://www.facingaddiction.org  
Overview video: https://youtu.be/6VDL-CypaxQ

**West Virginia University Research Corporation**  
Reversing a trend towards increasing mortality in West Virginia through opioid addiction treatment, job training, and community engagement  
Website: hr.research.wvu.edu  
Overview video: https://youtu.be/rKmYohDh7wY

### AFFORDABLE AND CLEAN ENERGY

**Global Alliance for Clean Cookstoves, an initiative of the United Nations Foundation**  
Reducing indoor pollution through increased supply of clean cookstoves in Uganda and Kenya  
Website: http://www.unfoundation.org/what-we-do/campaigns-and-initiatives/cookstoves/  
Overview video: https://youtu.be/rT7_CEGuvrw

**Nova Lumos Netherlands Holding B.V.**  
Distributing affordable solar systems in Nigeria  
Website: http://www.nova-lumos.com  
Overview video: https://youtu.be/bq-a0Xj6al8

**The Solutions Project**  
Working to transition to a 100 percent clean, renewable energy economy through evidence building and community engagement  
Website: thesolutionsproject.org  
Overview video: https://youtu.be/hJLwKbgPtlU

**The University of New South Wales**  
Accelerating development and deployment of photovoltaics to increase reliance on solar energy and reduce CO2 emissions  
Website: https://www.unsw.edu.au  
Overview video: https://youtu.be/lgqDUnB0zw

**University of Waterloo**  
Addressing energy poverty by supporting innovators on distributed generation and energy storage  
Website: https://uwaterloo.ca  
Overview video: https://youtu.be/lnvfLiV5DI

**We Care Solar**  
Reducing maternal and newborn mortality through deployment of a compact solar-power unit for medical lighting  
Website: https://wecaresolar.org  
Overview video: https://youtu.be/0DgzyMxicDA
**ANTIBIOTIC RESISTANCE**

**Board of Trustees of the University of Illinois**  
Finding new antibiotics to combat “superbugs” by mining the genes of natural microbes  
Website: www.bot.uillinois.edu  
Overview video: https://youtu.be/lrGUi95ko4

**Northeastern University**  
Discovering new antibiotics from microbes in soil  
Website: https://www.northeastern.edu  
Overview video: https://youtu.be/drXfuvqY_oA

**UC Regents**  
Combating antibiotic resistance through global tracking of infectious disease cases and effective treatments  
Website: https://twin-cities.umn.edu  
Overview video: https://youtu.be/quT7xHGez4Y

**The University of Melbourne**  
Eliminating over-use of antibiotics in human and animal medicine  
Website: www.unimelb.edu.au  
Overview video: https://youtu.be/G5jL_J4fsPc

**ARTS AND CULTURE**

**University of Southern California**  
Training cultural heritage scholars in digital preservation techniques  
Website: www.usc.edu  
Overview video: https://youtu.be/l0T72JdhJ0s

**ASSISTIVE TECHNOLOGY**

**Beneficent Technology, Inc. DBA Benetech**  
Providing accessible books to people with disabilities  
Website: www.benetech.org  
Overview video: https://youtu.be/S3MD9Pqyy9g

**Duke University**  
Deploying low-cost technologies and protocols to U.S. neurorehabilitation therapists and training them to use with patients at centers or on virtual reality platforms  
Website: https://www.duke.edu  
Overview video: https://youtu.be/gOFJ5rsOBIA

**University of California San Francisco Global Health Group**  
Fighting vector-borne diseases like malaria and dengue by mobilizing communities  
Website: globalhealthsciences.ucsf.edu  
Overview video: https://youtu.be/rm_zEAbaDAs

**CLEAN WATER AND SANITATION**

**ASU Foundation for A New American University**  
Democratizing access to safe drinking water through a new technology—“drinking water solar panels”  
Website: asufoundation.org  
Overview video: https://youtu.be/XQOMDQpO4DM

**Carnegie Mellon University**  
Removing micropollutants from water using a new affordable, green technology  
Website: http://www.cmu.edu  
Overview video: https://youtu.be/e-V52oFl7ms

**Columbia University**  
Designing innovative technical and financial models to improve water and sanitation infrastructure  
Website: http://www.columbia.edu  
Overview video: https://youtu.be/qK2dYwXTkkU

**Duke University**  
Improving sanitation and empowering women through business development in Gujarat, India  
Website: https://www.duke.edu  
Overview video: https://youtu.be/OB_V8KDj5y0

**Evidence Action**  
Providing safe drinking water through the distribution of bacteria killing chlorine dispensers  
Website: https://www.evidenceaction.org  
Overview video: https://youtu.be/J82jpeMNbPC

**Fundação Banco do Brasil**  
Collecting and storing rainwater in Brazil for drinking, cooking, and irrigation during the dry season  
Website: www.fbb.org.br  
Overview video: https://youtu.be/hbtiPOSybwA
Clean Water and Sanitation continued

The Ohio State University
Building sustainable solar-powered water systems in Tanzanian villages
Website: https://www.osu.edu
Overview video: https://youtu.be/kOtwH9uVJ9o

The Regents of the University of California, Berkeley Campus
Eliminating arsenic in drinking water in India and rural California
Website: http://www.berkeley.edu
Overview video: https://youtu.be/WcjLXoCdSZg

Safe Water Network
Providing safe water in Ghana and India through microenterprise
Website: http://www.safewaternetwork.org
Overview video: https://youtu.be/5JUfgzkLMkM

Stony Brook University
Purifying drinking water with nanotechnology and micro-enterprises
Website: www.stonybrook.edu
Overview video: https://youtu.be/CENb3c5-dX4

Water For People
Employing off-grid decentralized sanitation systems to recover energy and nutrients from human waste
Website: https://www.waterforpeople.org
Overview video: https://youtu.be/jLJ9ms5VlPw

CONSERVATION AND BIODIVERSITY

American Bird Conservancy/Alliance for Zero Extinction
Preventing global species extinction through land conservation and protection
Website: www.abcbirds.org/, www.zeroextinction.org
Overview video: https://youtu.be/KICpAr5Ha7Y

Arizona State University
Expanding the Sustainability Consortium Index to promote conservation in the supply chain
Website: www.asu.edu
Overview video: https://youtu.be/L9w3HefI9g8

Arizona State University
Changing the trajectory of rice-based cultures towards sustainability
Website: www.asu.edu
Overview video: https://youtu.be/hTHWznZ3agM

CAB International (CABI)
Fighting invasive species in agriculture and natural ecosystems
Website: http://www.cabi.org
Overview video: https://youtu.be/CiO4FQ7WFfw

California Polytechnic State University
Promoting effective marine reserve management in the Western Indian Ocean
Website: www.calpoly.edu
Overview video: https://youtu.be/cOqgc1Kj64

Environmental Defense Fund
Promoting sustainable fishing in Asia-Pacific oceans
Website: https://www.edf.org
Overview video: https://youtu.be/Aargh5xfttw

E.O. Wilson Biodiversity Foundation
Campaigning to conserve half the earth’s land and water to protect species and habitat
Website: https://eowilsonfoundation.org
Overview video: https://youtu.be/VF1Anlpf4PM

Governors’ Climate and Forests Task Force
Fighting deforestation through partnerships and collaboration
Website: http://www.gcftaskforce.org
Overview video: https://youtu.be/Mj3O2-pGWOA

Mesoamerican Reef Fund Inc
Protecting the Mesoamerican Reef and surrounding communities
Website: www.marfund.org
Overview video: https://youtu.be/OgXt3STQ1do

Oceana, Inc.
Rebuilding wild fish stocks to promote good nutrition and health
Website: oceana.org
Overview video: https://youtu.be/g5XwljFfdYNE

Peace Parks Foundation
Conserving wildlife, supporting socio-economic development, and building security through cross national management of critical ecosystems in Africa
Website: http://www.peaceparks.org
Overview video: https://youtu.be/lwO8uVFZZDE

The Pew Charitable Trusts
Combating illegal fishing through global tracking and enforcement
Website: www.pewtrusts.org
Overview video: https://youtu.be/odRWDLrObyY
Conservation and Biodiversity continued

The Rockefeller University
Building a Digital Noah’s Ark, cataloging genomes of endangered vertebrates
Website: https://genome10k.soe.ucsc.edu
Overview video: https://youtu.be/EwNR66FXwVk

San Diego Zoo Global
Preserving plant and animal genetic material to fight extinction
Website: http://institute.sandiegozoo.org
Overview video: https://youtu.be/Qkkado7thro

Stitching the Ocean Cleanup
Removing plastic waste from the ocean
Website: https://www.theoceancleanup.com
Overview video: https://youtu.be/rNkxaFhrGol

CRIME, PUNISHMENT, AND REHABILITATION

American Bar Association Fund for Justice and Education
Transforming the public defender system in the United States to protect the right to counsel
Website: http://www.americanbar.org/groups/departments_offices/fund_justice_education.html
Overview video: https://youtu.be/4SDDhw3wXDo

Harvard University
Addressing drugs as a public health issue through criminal justice diversion programs
Website: http://www.harvard.edu
Overview video: https://youtu.be/Ez4FJ9cUUL0

Prison Fellowship Ministries
Reducing prison recidivism through education and reentry programs
Website: https://www.prisonfellowship.org
Overview video: https://youtu.be/lS_X6eH-_6E

Bridges of Iowa
Breaking the cycle of drug abuse and unemployment by providing cognitive behavior-based substance abuse treatment in jail settings
Website: https://bridgesofiowa.org
Overview video: https://youtu.be/ng_LuHTPR9U

DISEASE CONTROL AND ERADICATION

Administrators of the Tulane Educational Fund
Combating emerging disease threats through surveillance, DNA sequencing, and tracking
Website: Overview video: https://youtu.be/cOF-tjlgYZw

Broad Institute, Inc.
Rapidly detecting and responding to infectious disease outbreaks
Website: https://www.broadinstitute.org
Overview video: https://youtu.be/pjUpgR8_WE0

The Carter Center, Inc.
Eliminating river blindness in Nigeria
Website: https://www.cartercenter.org
Overview video: https://youtu.be/IWj2uWROOJo

Helen Keller International
Fighting podoconiosis in Africa through mapping, diagnostics, and education
Website: www.hki.org
Overview video: https://youtu.be/YhXhdRyUXOg

International Livestock Research Institute (ILRI)
Preventing infectious diseases transmitted from livestock and wildlife to people
Website: https://www.ilri.org
Overview video: https://youtu.be/4G6e_w0zWx0

The Leprosy Mission International
Controlling leprosy through prevention, early diagnosis, mapping, and treatment
Website: https://www.leprosymission.org
Overview video: https://youtu.be/oxgB6Af86WA

Monash University
Deploying bacteria that prevents mosquitoes from transmitting Zika, dengue, and chikungunya
Website: http://www.monash.edu
Overview video: https://youtu.be/Dbk29Ksa1Vk

The Regents of the University of California, Santa Barbara
Eliminating disease-carrying mosquitoes through genetic engineering
Website: www.ucsb.edu
Overview video: https://youtu.be/OoB49KIHUtA
### Disease Control and Eradication continued

**The University of Chicago**  
Eradicating human Toxoplasma gondii, a single-celled parasite, and the infection and diseases it causes  
Website: www.uchicago.edu  
Overview video: https://youtu.be/lqlugqtz2JM

### Disease Therapy and Treatment

<table>
<thead>
<tr>
<th>Institution</th>
<th>Project Description</th>
<th>Website</th>
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<tr>
<td><strong>The Chancellor, Masters and Scholars of the University of Cambridge</strong></td>
<td>Developing personalized treatment approaches for dementia</td>
<td><a href="http://www.cam.ac.uk">http://www.cam.ac.uk</a></td>
<td><a href="https://youtu.be/D9KXxKh0nGI">https://youtu.be/D9KXxKh0nGI</a></td>
</tr>
<tr>
<td><strong>Jhpiego Corporation</strong></td>
<td>Fighting cervical cancer through vaccination, screening, and treatment</td>
<td><a href="https://www.jhpiego.org">https://www.jhpiego.org</a></td>
<td><a href="https://youtu.be/5PeY49pC1Uo">https://youtu.be/5PeY49pC1Uo</a></td>
</tr>
<tr>
<td><strong>MiracleFeet</strong></td>
<td>Treating club foot without surgery</td>
<td><a href="http://www.miraclefeet.org">www.miraclefeet.org</a></td>
<td><a href="https://youtu.be/pr1lB8aPSH0">https://youtu.be/pr1lB8aPSH0</a></td>
</tr>
<tr>
<td><strong>Northwestern University</strong></td>
<td>Fighting cancer through early detection and the development of new therapies</td>
<td><a href="https://osr.northwestern.edu">https://osr.northwestern.edu</a></td>
<td><a href="https://youtu.be/Sf_Wi1LJ_Bs">https://youtu.be/Sf_Wi1LJ_Bs</a></td>
</tr>
<tr>
<td><strong>NYU Langone Medical Center</strong></td>
<td>Genetically engineering pigs to produce organs for human transplant</td>
<td>nyulangone.org</td>
<td><a href="https://youtu.be/POzN1bwJc48">https://youtu.be/POzN1bwJc48</a></td>
</tr>
<tr>
<td><strong>Operation Smile Inc.</strong></td>
<td>Promoting and delivering safe cleft surgeries in low-income global communities</td>
<td><a href="http://www.operationsmile.org">www.operationsmile.org</a></td>
<td><a href="https://youtu.be/JJ06xIDTs4Y">https://youtu.be/JJ06xIDTs4Y</a></td>
</tr>
<tr>
<td><strong>University Hospitals Health System, Inc.</strong></td>
<td>Developing new drugs for rare diseases</td>
<td><a href="http://www.uhhospitals.org">www.uhhospitals.org</a></td>
<td><a href="https://youtu.be/IFxHGPOIQ2w">https://youtu.be/IFxHGPOIQ2w</a></td>
</tr>
<tr>
<td><strong>University of North Carolina at Chapel Hill</strong></td>
<td>Developing low-cost, low-intensity cancer interventions in Malawi and scaling an evidence-based project to low and middle-income countries</td>
<td><a href="http://www.unc.edu">www.unc.edu</a></td>
<td><a href="https://youtu.be/vPhbvSZAksY">https://youtu.be/vPhbvSZAksY</a></td>
</tr>
<tr>
<td><strong>The University of Texas at Austin</strong></td>
<td>Developing radio-isotopes to treat cancer, heart disease, and infection</td>
<td><a href="http://www.utexas.edu">http://www.utexas.edu</a></td>
<td><a href="https://youtu.be/PqEZy34mBU0">https://youtu.be/PqEZy34mBU0</a></td>
</tr>
<tr>
<td><strong>The University of Texas Health Science Center at Houston</strong></td>
<td>Preventing brain disease through early detection</td>
<td><a href="http://www.uth.edu">www.uth.edu</a></td>
<td><a href="https://youtu.be/7AVP6OAqJrE">https://youtu.be/7AVP6OAqJrE</a></td>
</tr>
<tr>
<td><strong>University of Washington Center for Dialysis Innovation</strong></td>
<td>Making dialysis accessible and convenient</td>
<td>cdi.washington.edu</td>
<td><a href="https://youtu.be/vjcqjJDpDwQ">https://youtu.be/vjcqjJDpDwQ</a></td>
</tr>
</tbody>
</table>
**ECONOMIC OPPORTUNITY**

**B Lab Company**  
Creating a global network of certified benefit corporations to change the trajectory of capitalism, reducing inequality and poverty  
Website: http://www.bcorporation.net  
Overview video: https://youtu.be/OIF1KAC4lqY

**BRAC USA**  
Eradicating extreme poverty for 300,000 people in Uganda and Tanzania through a series of interdependent interventions within households  
Website: https://www.bracusa.org  
Overview video: https://youtu.be/epJ-ENcNTNI

**Friends of WWB USA INC**  
Empowering girls through financial education and savings programs  
Website: https://www.womensworldbanking.org  
Overview video: https://youtu.be/JpKU1yOezE4

**Generation LLC**  
Figuring out what works in youth employment training worldwide  
Website: Overview video: https://youtu.be/5X45iEJiGeI

**GO Fintech LLC dba Meed**  
Offering affordable and accessible banking via mobile phones  
Website: https://meed.net  
Overview video: https://youtu.be/7IKk24ZVGJ0

**Goodwill Industries International**  
Helping adults get high school diplomas and continue their education  
Website: http://www.goodwill.org  
Overview video: https://youtu.be/HxQjnygaO-8

**Reading and Beyond**  
Breaking cycles of poverty through wrap-around services, education, and workforce development  
Website: http://www.readingandbeyond.org  
Overview video: https://youtu.be/G89HLyyDUIyo

**Tostan, Inc.**  
Scaling a community empowerment program in Guinea-Bissau, the Gambia, and Senegal to unlock the leadership potential of women and girls and achieve progress on economic and human development indicators  
Website: www.tostan.org  
Overview video: https://youtu.be/jeXmQG3eyyo

**EDUCATION**

**ChildFund International**  
Ending child labor through education and economic support  
Website: https://www.childfund.org  
Overview video: https://youtu.be/GVaKsu4m9w4

**Gooru Inc.**  
Designing free, virtual, interactive, and personalized STEM learning tools for middle and high school students  
Website: https://www.gooru.org  
Overview video: https://youtu.be/uP71bISDC1c

**IBM Corporation**  
Increasing literacy through free smart phone-based personal learning programs  
Website: https://www.ibm.com  
Overview video: https://youtu.be/PsX_YierLPs

**Khan Academy**  
Developing internationally-recognized diplomas for worldwide education and job access  
Website: https://www.khanacademy.org  
Overview video: https://youtu.be/yOP0R4GaoeY

**Leland Stanford Junior University and NextGenU.org**  
Providing free higher education to train health care workers  
Website: lsjumb.stanford.edu/, NextGenU.org  
Overview video: https://youtu.be/LdoaTbhsEgo

**Library For All**  
Creating a global library of free e-books  
Website: http://www.libraryforall.org  
Overview video: https://youtu.be/1x6F4fmBtZM

**OneSky for All Children**  
Building local capacity to provide early interventions to unlock the potential of at-risk children in Asia  
Website: onesky.org  
Overview video: https://youtu.be/S9mxsqx3FLo

**Playworks Education Energized**  
Leveraging play to develop empathy and conflict resolution skills among young children  
Website: http://www.playworks.org  
Overview video: https://youtu.be/5VVMgscGv3Y
### ENVIRONMENTAL HEALTH

**Trustees of Indiana University**  
Mapping chemical exposure and toxicity to protect human health  
Website: http://trustees.iu.edu  
Overview video: https://youtu.be/QZTW_y3MSR8

**Virginia Tech**  
Facilitating community-based science to guard against toxic environmental exposures  
Website: https://www.vt.edu  
Overview video: https://youtu.be/j8Y2Q7WPLOE

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### FOOD SECURITY

**BAIF Development Research Foundation**  
Fighting malnutrition by deploying solar-powered technology for drying fruits and vegetables  
Website: www.baif.org.in  
Overview video: https://youtu.be/mz2sPE8Pl28

**Carnegie Mellon University**  
Developing perennial staple crops in sub-Saharan Africa  
Website: www.cmu.edu  
Overview video: https://youtu.be/aA7NxHgqWRw

**Cornell University**  
Revitalizing degraded agricultural soil in semi-arid regions  
Website: https://www.cornell.edu  
Overview video: https://youtu.be/rxEDKfAXfKE

**Forever Oceans Corporation**  
Providing sustainable seafood through deep ocean seafood farming  
Website: www.foreveroceans.com  
Overview video: https://youtu.be/RnVvA5qyDjI

**HarvestPlus**  
Eliminating hidden hunger in Africa by fortifying staple crops  
Website: http://www.harvestplus.org  
Overview video: https://youtu.be/2NdmuTwgOqM

**International Plant Genetic Resources Institute operating as Bioversity International**  
Reviving “forgotten crops” and reducing unsustainable meat consumption  
Website: http://www.bioversityinternational.org  
Overview video: https://youtu.be/Ya4KnJd1QlE

**Iowa State University**  
Developing crops with enhanced nutrient content  
Website: https://www.iastate.edu  
Overview video: https://youtu.be/6Yw_9qJgSuk

**Johns Hopkins University**  
Protecting honeybees by developing and deploying natural toxins against Varroa mites  
Website: https://www.jhu.edu  
Overview video: https://youtu.be/Qw4yoAqAu_Y

**Massachusetts Institute of Technology**  
Leveraging microbes to provide nitrogen and phosphorus to crops and minimize harmful fertilizer use  
Website: http://web.mit.edu  
Overview video: https://youtu.be/61C0B-dK3o8

**Northeastern University**  
Transforming mariculture, supplanting livestock production, and industrial fishing, to provide sustainable, healthy animal protein to a growing human population  
Website: https://www.northeastern.edu  
Overview video: https://youtu.be/Pqk4oKgqCJg

**Oz Harvest Limited**  
Distributing surplus food to avoid waste, reduce carbon emissions, and fight hunger  
Website: www.ozharvest.org  
Overview video: https://youtu.be/nfhiRnTLGVU

**Purdue University**  
Storing grain without using insecticides to increase farmers’ incomes, improve food security, and decrease health risks  
Website: www.purdue.edu  
Overview video: https://youtu.be/EAlc5EIrUco

**Texas A&M AgriLife Research**  
Developing genetically engineered rice with high yields and low greenhouse gas emissions in tropical climates  
Website: agriliferesearch.tamu.edu  
Overview video: https://youtu.be/Q5UsFMeEnRo
Food Security continued

University of California Davis (UC Davis)
Developing crop drying and storage systems to prevent food waste and contamination
Website: https://www.ucdavis.edu
Overview video: https://youtu.be/-Xahy8rETEQ

University of California San Diego
Cultivating algae as a sustainable source of dietary protein
Website: https://ucsd.edu
Overview video: https://youtu.be/85wqMSqSbz4

University of Minnesota
Protecting Upper Midwest U.S. soil and water through cover crops that prevent erosion
Website: https://twin-cities.umn.edu
Overview video: https://youtu.be/6MUihqlnmMY

The University of Sydney
Developing new wheat strains fortified with zinc and iron
Website: https://sydney.edu.au
Overview video: https://youtu.be/Hf_s05oUizE

World Agroforestry Centre
Restoring land threatened by deforestation, over-grazing, and charcoal production in several sub-Saharan African regions
Website: http://www.worldagroforestry.org
Overview video: https://youtu.be/a8tALDwTi1t4

World Wildlife Fund, Inc.
Fighting food waste through incentives, market tools, and metrics
Website: www.worldwildlife.org
Overview video: https://youtu.be/yHb_ZU3Zcq0

Health Behaviors

American Heart Association
Reducing children’s consumption of unhealthy sugary drinks through policy reform and education
Website: www.heart.org
Overview video: https://youtu.be/FKTVhdkJYV0

The George Institute for Global Health Behaviors
Cataloging the global food supply and using the data to enhance nutrition and improve diets
Website: http://www.georgeinstitute.org/units/food-policy
https://youtu.be/19d4Vwtk9Ck

The Trustees of the University of Pennsylvania
Improving life and health through behavior change interventions
Website: www.upenn.edu
Overview video: https://youtu.be/7dUUtqRQG_Y

Health Care Delivery

Colorado State University
Advancing access to radiotherapy for cancer patients
Website: http://www.colostate.edu
Overview video: https://youtu.be/zL9SqLCyqjM

Health Leads, Inc.
Making social needs like housing and nutrition an intrinsic part of health care provision
Website: https://healthleadsusa.org
Overview video: https://youtu.be/D0JMoIg0MY0

HudsonAlpha
Promoting proactive healthcare through deployment of genomic-guided medicine into the public health system
Website: hudsonalpha.org
Overview video: https://youtu.be/hbHFjY8fc6k

Tufts University
Promoting healthy eating in the U.S
Website: https://www.tufts.edu
Overview video: https://youtu.be/ENs9vhM9IOM

University of California, San Francisco (UCSF)
Center for Vulnerable Populations
Mobilizing youth to prevent diabetes
Website: https://cvp.ucsf.edu
Overview video: https://youtu.be/skj4TdHSW00

Human Dx, Ltd. / Human Diagnosis Project, Ltd.
Providing virtual access to specialist medical care for underserved U.S. patients
Website: https://www.humandx.org
Overview video: https://youtu.be/TarS4K3eoss

Northwestern University
Establishing a new model of primary care in underutilized Chicago schools by making high-quality care locally accessible
Website: www.northwestern.edu
Overview video: https://youtu.be/APG4JwCZVR0
Health Care Delivery continued

**The Ohio State University Comprehensive Cancer Center**
Preventing cancer through screening and surveillance of genetically high-risk individuals
Website: https://cancer.osu.edu/about/locations/the-james-cancer-hospital-and-solove-research-institute
Overview video: https://youtu.be/p6rYBgNvTbY

**Partners In Health**
Deploying community health workers with modern digital tools
Website: http://www.pih.org
Overview video: https://youtu.be/tf57U990z1U

President and Fellows of Harvard College
Strengthening the delivery of surgical care in Sierra Leone
Website: http://www.harvard.edu/about-harvard/harvards-leadership/president-and-fellows-harvard-corporation
https://youtu.be/lIx9-cn9-ZA

The Trustees of Columbia University in the City of New York
Promoting maternal and infant health through technology and community engagement
Website: http://secretary.columbia.edu/trustees-columbia-university
Overview video: https://www.youtube.com/watch?v=oj_fu_i7kjw

**HOUSING AND HOMELESSNESS**

**Community Solutions International, Inc.**
Ending chronic homelessness through supportive housing
Website: www.cmtysolutions.org
Overview video: https://youtu.be/3lti4taioP8

**Foundation for Charitable Activities in Bangladesh (FCAB)**
Resettling climate refugees from Bangladesh’s coastlines
Website: www.fcabd.org
Overview video: https://youtu.be/Cg-pKQ4._HA

**Project HOME**
Fighting chronic homelessness through housing and holistic case management
Website: https://projecthome.org
Overview video: https://youtu.be/dY9QKXhpAtI

**Vermont Energy Investment Corporation**
Facilitating home-ownership and car-sharing for lower income families
Website: https://www.veic.org
Overview video: https://youtu.be/xK4p6lgEddY

**HUMAN TRAFFICKING**

**Seattle Foundation**
Fighting sex trafficking and sexual exploitation by reducing demand and changing norms
Website: www.endingexploitation.com
Overview video: https://youtu.be/nXPnVzO84Xw

**INFORMATION AND MEDIA ACCESS AND INCLUSION**

**The Internet Archive**
Providing digital access to four million books
Website: https://archive.org
Overview video: https://youtu.be/5eMqwgFECaA

**The University of Edinburgh**
Providing robust, affordable, solar-powered internet access to remote regions
Website: www.ed.ac.uk
Overview video: https://youtu.be/sM9bc8OSwdU
INTERNATIONAL PEACE AND SECURITY

Polis Center, Indiana University Purdue University, Indianapolis
Eradicating land mines through technology, mine removal, advocacy, and education
Website: http://polis.iupui.edu
Overview video: https://youtu.be/krYwxL-ItIMM

Project for Public Spaces
Empowering community members to transform public urban spaces
Website: https://www.pps.org
Overview video: https://youtu.be/bMePTc4WHmM

MATERNAL AND REPRODUCTIVE HEALTH

American College of Obstetricians and Gynecologists
Fighting maternal death during childbirth through training and community care
Website: www.acog.org
Overview video: https://youtu.be/h2CoJX1OvYU

ayzh, Inc.
Providing women affordable, culturally relevant products that support childbirth, newborn and postpartum health, and menstrual hygiene
Website: www.ayzh.com
Overview video: https://youtu.be/lefFrQ0PdfU

DKT International, Inc.
Expanding access to contraception through leveraging existing commercial infrastructure in the developing world
Website: www.dktinternational.org
Overview video: https://youtu.be/vilkd-uezu0

Living Goods
Training community health workers to improve basic health care in Africa
Website: https://livinggoods.org
Overview video: https://youtu.be/9mfmlcAHuWQ

MSI-US
Deploying 20,000 community health workers across Africa to provide reproductive health services
Website: Overview video: https://youtu.be/orcPuqpRJQY

Praekelt Foundation NPC
Improving maternal and infant health through mobile phone based health messaging
Website: www.praekelt.org
Overview video: https://youtu.be/ga21TWQG9OI

Regents of the University of Michigan
Eliminating preventable maternal and early neonatal death in sub-Saharan Africa through OBGYN training
Website: http://www.regents.umich.edu
Overview video: https://youtu.be/z_wdrhKKVIs

MEDICAL INFORMATICS

Children's Medical Research Institute
Analyzing cancer samples and treatment outcomes worldwide for a digitized library
Website: http://www.cmri.org.au
Overview video: https://youtu.be/moFdZ6WM_wM

Curoverse, Inc.
Creating a high quality public resource of genomic and health data to inform disease diagnosis and treatment with the help of well-consented participants
Website: curoverse.com/100andChange
Overview video: https://youtu.be/de7y-KJCS5U

Sanford Research
Improving health care in isolated areas through data and telemedicine
Website: www.sanfordresearch.org
Overview video: 

State University of New York at Buffalo
Developing a platform to screen and rank all human-use drugs
Website: http://www.buffalo.edu
Overview video: https://youtu.be/2tI8RZXYO-M

University of California San Diego
Mapping cancer cell genomes to develop personalized treatments
Website: https://ucsd.edu
Overview video: https://youtu.be/LHs312JNbUw
Medical Informatics continued

**University of Chicago**
Creating a massive open database of cancer genomic data, facilitating research and treatment
Website: www.uchicago.edu
Overview video: https://youtu.be/7paZO4xRm4U

**University of North Carolina at Chapel Hill**
Indexing under-studied proteins in the human genome to facilitate drug research and development
Website: http://www.unc.edu
Overview video: https://youtu.be/JO7Eg6Kc-qk

Vanderbilt University Medical Center
Cataloging human immune system genes to understand diseases and find cures
Website: https://ww2.mc.vanderbilt.edu
Overview video: https://youtu.be/gPdwNEkkM

MENTAL HEALTH

**Board of Regents of The University of Texas System**
Improving screening and care for serious mental illness in Texas
Website: https://www.utsystem.edu/board-of-regents
Overview video: https://youtu.be/QipqQlu2dC4

**Crisis Text Line**
Establishing a global, text-based hotline service for suicide and mental health counseling
Website: http://www.crisistextline.org
Overview video: https://youtu.be/mgue7zX6pp8

**Florida Institute of Technology**
Creating a web-based hub for screening and treatment of autism
Website: www.fit.edu
Overview video: https://youtu.be/CRpLv9g1mn0

**Give an Hour**
Changing the culture around mental health in the U.S.A. through education and outreach
Website: https://www.giveanhour.org
Overview video: https://youtu.be/ljIRU8iXudo

**Grand Challenges Canada**
Providing universal mental health care through evidence-based community solutions
Website: www.grandchallenges.ca
Overview video: https://youtu.be/QvjvgYtGbOM

**The Regents of the University of California - on behalf of the UCLA campus**
Preventing and treating depression in poorly resourced areas
Website: regents.universityofcalifornia.edu
Overview video: https://youtu.be/qokoJ_FTty

**Southcentral Foundation**
Providing mental health care, basic needs, and mentoring to Alaska Native families and children
Website: https://www.southcentralfoundation.com
Overview video: https://youtu.be/0SZl66rtMps

NEWBORN HEALTH

**Save the Children Federation, Inc.**
Reducing neonatal mortality by preventing infections, ensuring warmth, and providing optimal feeding
Website: www.savethechildren.org
Overview video: https://youtu.be/ffOuRMRN0K0

**William Marsh Rice University**
Improving newborn survival in Africa
Website: http://www.rice.edu
Overview video: https://youtu.be/o_WJDA1EgT4
PRIVACY RIGHTS

Consumers Union of United States, Inc.,
dba Consumer Reports
Protecting consumers in the digital marketplace
Website: http://consumersunion.org
Overview video: https://youtu.be/w5SEAE3-uXo

PUBLIC SECTOR CAPACITY BUILDING

The Board of Trustees of the Leland Stanford Junior University
Creating tools for data-driven public policy
Website: http://facts.stanford.edu/administration
Overview video: https://youtu.be/H808rP-Ih5w

University of Toronto
Collecting data on death in Asia and Africa, facilitating study of mortality and climate change
Website: https://www.utoronto.ca
Overview video: https://youtu.be/ZlgkMkibGPo

what3words
Mapping and creating addresses for informal settlements, enabling government services and health care
Website: what3words.com
Overview video: https://youtu.be/KPiD-gkBsq8

RACIAL, ETHNIC AND GENDER JUSTICE, EQUITY, AND INCLUSION

Johns Hopkins University
Fostering social cohesion in Baltimore neighborhoods and developing a template for inclusive revitalization for U.S. cities
Website: https://www.jhu.edu
Overview video: https://youtu.be/zPTI82oawfY

Pro Mujer
Empowering women in Latin America through financial opportunities, health care, and support for victims of violence
Website: promujer.org
Overview video: https://youtu.be/yINr8rwD1z8

REFUGEES AND VICTIMS OF CONFLICT

Sesame Workshop
Educating children displaced by conflict and persecution
Website: www.sesameworkshop.org
Overview video: https://youtu.be/99qeQSTmSaw

Southern New Hampshire University
Providing higher education and accredited degrees to refugees in emergency situations
Website: http://www.snhu.edu
Overview video: https://youtu.be/F33g_Y8OncE
### RESILIENCE AGAINST CLIMATE CHANGE

**Columbia University**
Identifying opportunities for coordinated behavior across countries to reduce greenhouse gas emissions
Website: www.columbia.edu
Overview video: https://youtu.be/DGnRc_8JsVU

**WWF Brasil**
Fighting climate change, augmenting soil, and providing energy through decentralized production of biochar
Website: http://wwf.panda.org/who_we_are/wwf_offices/brazil
Overview video: https://youtu.be/oXPivLy6vCs

**Environmental Defense Fund**
Reduce global warming by using science to pinpoint the sources of emissions and creating a campaign that generates the will for policymakers and the oil and gas industry to act
Website: https://www.edf.org
Overview video: https://youtu.be/mdHzFLDriQ0

**Climate Policy Initiative**
Developing financial tools for investment in climate change mitigation and adaptation
Website: https://climatepolicyinitiative.org
Overview video: https://youtu.be/fUkxxDxY6Bc

**Deakin University**
Protecting coastal zone carbon sinks to combat climate change and provide resources
Website: www.deakin.edu.au
Overview video: https://youtu.be/mGFy7nyWh0c

**Dioxide Materials, Inc.**
Demonstrating new approaches to carbon capture and fuel production
Website: https://dioxidematerials.com
Overview video: https://youtu.be/HU9z6nuDwCM

**Ecology Action of the Midpeninsula**
Using organic farming principles to improve soil capacity, crop yields, and financial outcomes for small farmers
Website: http://www.growbiointensive.org
Overview video: https://youtu.be/zNZhNkuRe-A

### RESILIENCE AGAINST CLIMATE CHANGE AND ENVIRONMENT

**Aclima, Inc.**
Deploying networked air pollution sensors in 50 cities worldwide
Website: https://aclima.io
Overview video: https://youtu.be/1Lwo-IXbs8g

**Greening Australia Limited**
Reducing sediment run-off to protect the Great Barrier Reef
Website: https://www.greeningaustralia.org.au
Overview video: https://youtu.be/G3U339JckBg

**One Acre Fund**
Helping small farmers in East Africa adapt to climate change and improve yields
Website: https://www.oneacrefund.org
Overview video: https://youtu.be/H9HdfLhqAfM

**Trustees of Princeton University**
Monitoring ocean temperatures and climate change with floating autonomous robots
Website: https://www.princeton.edu/vpsec/trustees
Overview video: https://youtu.be/mFypYbuoWnE

**University of South Florida**
Restoring coral reefs with local stakeholders
Website: www.usf.edu
Overview video: https://youtu.be/rsvqgxI6CVQ

### RESILIENCE AGAINST NATURAL DISASTERS

**Rutgers, The State University of New Jersey**
Predicting catastrophic storms through undersea robotic gliders
Website: www.rutgers.edu
Overview video: https://youtu.be/d3tXLNbfYSQ
RURAL POVERTY

**Evidence Action**  
Reducing seasonal income insecurity among rural households through migration subsidies  
Website: https://www.evidenceaction.org  
Overview video: https://youtu.be/L_FjjT2D3rs

**Stanford University**  
Providing energy, education, health care, and sanitation for rural villages  
Website: https://www.stanford.edu  
Overview video: https://youtu.be/BkPFONQ3u1l

**Shared-X LLC**  
Teaching small cacao and coffee farmers sustainable farming practices  
Overview video: https://youtu.be/fm3hUxMFqc8

SOCIAL PROTECTION AND/OR SAFETY NETS

**Catholic Relief Services - United States Conference of Catholic Bishops**  
Changing how society cares for children in orphanages  
Website: http://www.crs.org  
Overview video: https://youtu.be/xECBsNPkOZ4

**Plan International USA, Inc.**  
Accelerating birth and death registrations in Ghana and Zambia to facilitate rights and services  
Website: https://www.planusa.org  
Overview video: https://youtu.be/u0I1ZKTzSb0

**Institute for the Future**  
Creating a guild for workers across sectors nationwide, offering benefits, advocacy, and support  
Website: www.dataforcities.org  
Overview video: https://youtu.be/lfGQxvmulTQ

**Washington University**  
Preventing child maltreatment in the U.S. through restructuring public health and family service systems  
Website: https://wustl.edu  
Overview video: https://youtu.be/6p7GufxeskU

**LIFE ElderCare**  
Expanding Meals on Wheels food and service delivery to senior citizens  
Website: lifeeldercare.org  
Overview video: https://youtu.be/kmlPhhJzYME

**ASU Foundation for A New American University**  
Revolutionizing public health management, using data-driven decision-making, informed by near-real-time population health monitoring  
Website: https://www.asufoundation.org  
Overview video: https://youtu.be/Kqq4nqAu4og

**RAND Corporation**  
Improving life in rural U.S. communities through education, economic development, health, and technology  
Website: www.rand.org  

**Habitat for Humanity International**  
Revitalizing distressed neighborhoods by connecting and organizing residents  
Website: http://www.habitat.org  
Overview video: https://youtu.be/vfChkVJ1Pz0

**The Regents of the University of Colorado**  
Enabling renewable ammonia production using concentrated sunlight, air, and water to facilitate improved use of farmable land  
Website: http://www.cu.edu/ regents  
Overview video: https://youtu.be/AqS74QYaIhU

**ISEAL Alliance**  
Transforming business practices and promoting conservation through the adoption of sustainability standards  
Website: www.isealalliance.org  
Overview video: https://youtu.be/GuhQvHptPzM

**Sustainability Leaders Network**  
Identifying place-based climate solutions through participatory engagement of local communities  
Website: www.sustainabilityleadersnetwork.org  
Overview video: https://youtu.be/TXh2RPbKPSc
### Sustainable Cities, Communities, and Regions

**World Council on City Data**  
Facilitating data-driven innovation in cities through a global open data platform  
Website: www.dataforcities.org  
Overview video: https://youtu.be/aICnXZRl4pg

### VACCINE DEVELOPMENT

**Beth Israel Deaconess Medical Center**  
Developing a Zika virus vaccine  
Website: http://www.bidmc.org  
Overview video: https://youtu.be/liEFKCNQnUw

**Duke University**  
Developing an HIV vaccine that prevents infection  
Website: https://www.duke.edu  
Overview video: https://youtu.be/9Uejb1cv00

**Icahn School of Medicine at Mount Sinai**  
Developing an influenza vaccine that provides lifetime protection against diverse flu strains  
Website: http://icahn.mssm.edu  
Overview video: https://youtu.be/-TpYUY9dL9g

**Roswell Park Alliance Foundation**  
Developing a vaccine targeted at lung cancer most common in smokers  
Website: www.roswellpark.org  
Overview video: https://youtu.be/s2x0TZ6-quM

### VISION CARE

**Himalayan Cataract Project**  
Eliminating needless blindness in Nepal, Ethiopia, and Ghana  
Website: http://www.cureblindness.org  
Overview video: https://youtu.be/hNu6xDhigMs

**Seva Foundation**  
Providing accessible and low-cost eye care in developing countries  
Website: www.seva.org  
Overview video: https://youtu.be/NnKrEUfOYng

**Wynn Institute for Vision Research**  
Preventing and curing blindness through basic and clinical research and novel clinical treatment modalities  
Website: www.wivr.uiowa.edu  
Overview video: https://youtu.be/SFCLXwm3rmY
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