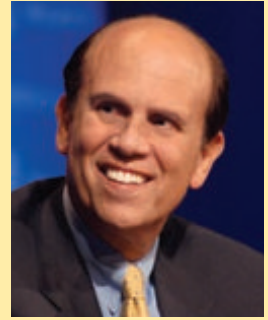




www.celebrationofscience.org

Renewing Our
Commitment to the Future

WHY CELEBRATE SCIENCE



Will Durant famously observed that “the health of nations is more important than the wealth of nations.” Wealth follows health. More than half of economic growth in the past century is attributable to advances in the biosciences, where investments provide long-term benefits through increased productivity, job creation, lower healthcare costs and cheaper energy. More important, bioscience has given millions of people worldwide the incalculable gifts of longer lives, less suffering, greater hope and more time with loved ones. That’s worth celebrating.

In September 2012, *FasterCures* – the Milken Institute’s Center for Accelerating Medical Solutions – convened more than 1,000 leaders in medical research, patient advocacy, industry, philanthropy and public policy. The Celebration of Science weekend was the culmination of two decades of work, including a March on Washington that united hundreds of thousands of patients, families, doctors and advocates on the Mall. In the years following the 1998 March, Congress greatly expanded the resources of the National Institutes of Health, the National Cancer Institute and the National Science Foundation.

Those investments drove extraordinary progress, and we’re now at the dawn of a new scientific revolution that will not only reduce the cost of health care but will save, extend and improve the quality of people’s lives across the planet. Science and technology advances of the past two decades have transformed the impossible into the routine. Processes that once took years and cost millions now can be performed quickly and inexpensively. As just one important example, the original sequencing of the human genome took more than a decade and cost billions of dollars; today it’s approaching two hours and \$1,000.

As impressive and transformative as those advances have been, they’re merely a prologue of what’s to come if we maintain our commitment. Solutions to many seemingly intractable global challenges are within our grasp. There’s hope for millions of individuals around the world struggling with life-threatening or debilitating diseases, and for their families. Bioscience can help us produce abundant nutritious food and provide greater access to clean water, and it promises to help the world develop environmentally sustainable energy, provide defense against pandemics and reduce poverty in developing nations.

That’s why we hosted the Celebration of Science in Washington, DC and why we’ve continued the initiative with events in London, Singapore and New York. By bringing together a diverse range of leaders, we hope to forge a uniquely bipartisan consensus about the importance of bioscience.

It’s time to reaffirm our commitment.

Sincerely,

A handwritten signature in black ink that reads "Michael Milken". The script is fluid and cursive.

Michael Milken
Chairman
FasterCures



An Event Two Decades in the Making

The Celebration of Science unofficially launched two decades ago with work that led to the first-ever Cancer Summit in **1995** and the **1998 MARCH ON WASHINGTON**. The March brought together hundreds of thousands of patients, doctors, researchers and other advocates to support increased bioscience investments.

From left: Former U.S. Vice President, **AL GORE** | The late General **NORMAN SCHWARZKOPF**, honorary chair of The March
MIKE MILKEN, Founder, FasterCures | Candlelight vigil on the National Mall | Former U.S. Senate Majority Leader **BOB DOLE**



In the years following the 1998 March, Congress doubled the resources of the National Institutes of Health (NIH) and the National Cancer Institute (NCI) and tripled the budget of the National Science Foundation (NSF). Those investments have paid off immeasurably, setting off a period of extraordinary biomedical discovery and technological advances. More important, those investments have saved millions of lives and given many individuals the invaluable gift of more time with their loved ones.



THREE DAYS TO CHANGE THE WORLD

More than 1,000 leaders in bioscience research, patient advocacy, industry, philanthropy and public policy actively convened in Washington for the Celebration of Science weekend, September 7–9, 2012. Our goal was to reaffirm the importance of bioscience and, in doing so, to change the world for future generations.





Above: **TONY FAUCI**, Director, Nat'l Inst. of Allergy and Infectious Diseases, NIH | **EARVIN "MAGIC" JOHNSON**, Chairman and CEO, Magic Johnson Enterprises

From left: **JONATHAN SIMONS**, CEO, Prostate Cancer Foundation | **JAMES WATSON**, Nobel Laureate, Chancellor Emer., Cold Spring Harbor Laboratory | **ROBERT BEALL**, Pres. and CEO, Cystic Fibrosis Foundation | **LORELEI MUCCI**, Assoc. Prof., Harvard Sch. of Public Health | **SALLY ROCKEY**, Dep. Director, NIH; **CORA MARRETT**, Dep. Director, NSF

FINDING COMMON GROUND:

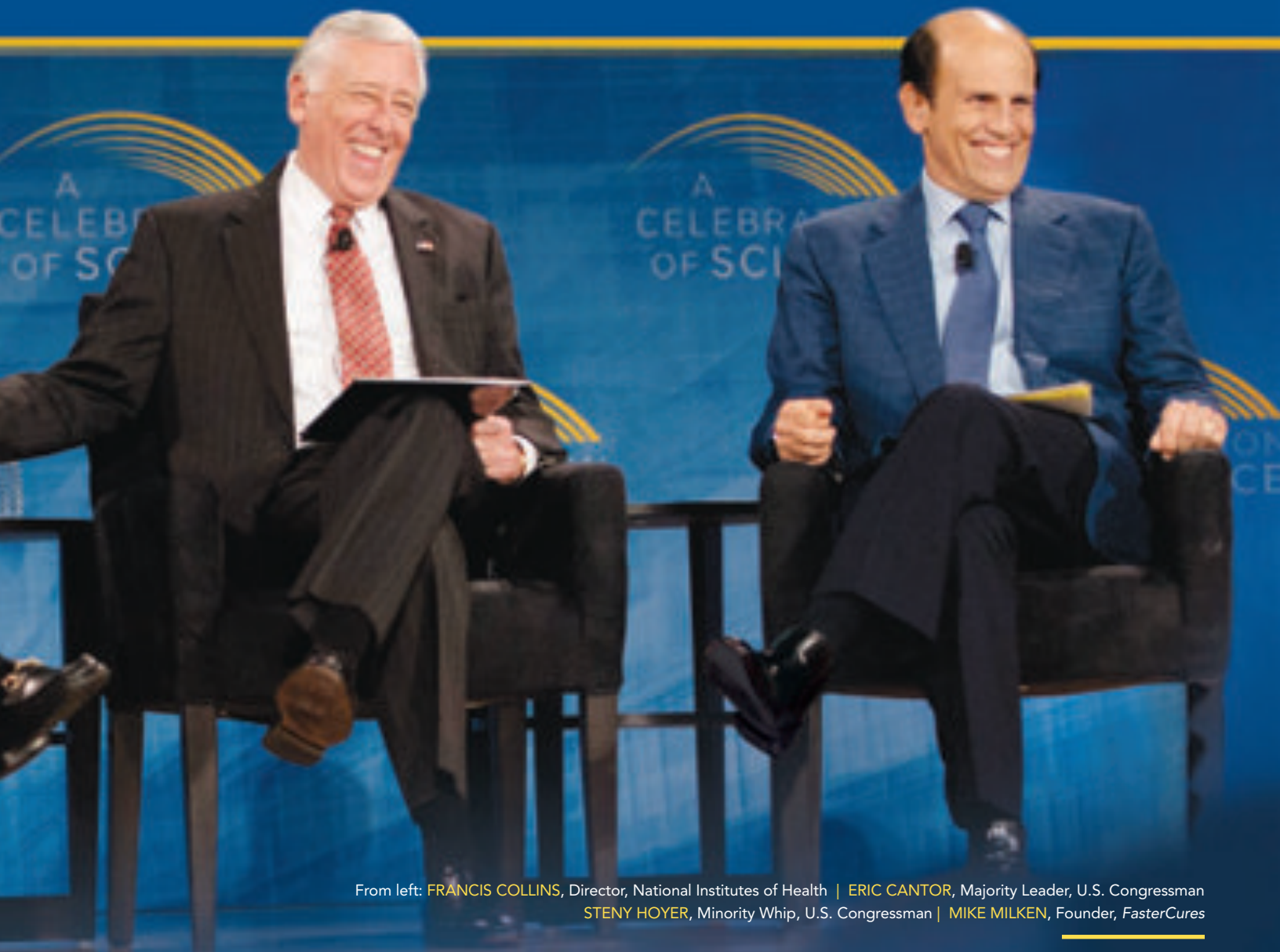
A Uniquely Bipartisan Consensus

As one of our speakers noted, **“DISEASE DOESN’T CARE WHICH PARTY YOU PREFER.”** Even in the midst of a heated election cycle, leaders from both sides of the political aisle stood together for the common cause of saving lives.



“WHAT’S OCCURRED AT THE NATIONAL
INSTITUTES OF HEALTH OVER THE YEARS HAS
HAD A GREATER EFFECT ON THE WORLD THAN
AT ANY OTHER INSTITUTION.”

MIKE MILKEN | Chairman, *FasterCures*



From left: **FRANCIS COLLINS**, Director, National Institutes of Health | **ERIC CANTOR**, Majority Leader, U.S. Congressman
STENY HOYER, Minority Whip, U.S. Congressman | **MIKE MILKEN**, Founder, *FasterCures*

SETTING BOLD GOALS:

Working toward a healthier, more prosperous future

The kickoff weekend made progress on a number of the Celebration's goals, highlighted on the following pages.



GOAL

1

Demonstrating that America, having benefitted greatly in terms of health and wealth from past investments in bioscience, has reached a turning point – the potential for future returns is even higher if we recommit the nation now.

A photograph of Francis Collins, a man in a dark suit and tie, sitting in a blue armchair and smiling. He is looking towards two women seated next to him. The woman in the foreground is wearing a white lab coat over a red top and has her back to the camera. The woman behind her is smiling and looking towards Francis Collins. The background is a solid blue wall with a horizontal yellow stripe.

“IF THERE WAS EVER A TIME WHERE WE ALL NEED TO GET TOGETHER IN THE SAME ROOM AND FIGURE OUT HOW TO TAKE THIS WONDERFUL SCIENTIFIC OPPORTUNITY AND APPLY THE MOST BOLD, AUDACIOUS PRINCIPLES OF INNOVATION, THIS IS IT.”

FRANCIS COLLINS | Director of the National Institutes of Health

Above: **MARK MCCLELLAN**, Sr. Fellow, Brookings Institution, Former FDA Commissioner
MARGARET HAMBURG, Commissioner, U.S. FDA | **MARGARET ANDERSON**, Exec. Director, *FasterCures*

Opposite, clockwise from top: **ELIAS ZERHOUNI**, Pres., Global R&D, Sanofi, and Former NIH Director | **FRANCIS COLLINS**, NIH Director | **MIKE MILKEN**, Founder, *FasterCures* | **HAROLD VARMUS**, Nobel Laureate and NCI Director | **ORGANIZERS OF THE 1998 MARCH**: **MARY WOOLLEY**, Pres. and CEO, Research!America | **ANDREW VON ESCHENBACH**, Pres., Samaritan Health Initiatives, Former FDA Commissioner and NCI Director | **ELLEN SIGAL**, Chair and Founder, Friends of Cancer Research | **MIKE MILKEN** | **NANCY BRINKER**, Founder and CEO, Susan G. Komen for the Cure | **ANNA BARKER**, Director, ASU Transformative Healthcare Networks and Former NCI Dep. Director | **RICHARD ATKINS**, Partner, Cobblestone Associates LLP | **ALAN KRUEGER**, Chairman, White House Council of Economic Advisers



"I APPRECIATE VERY MUCH THE CELEBRATION OF SCIENCE AND ITS FOCUS ON THE MOST IMPORTANT THING WE CAN DO—EXTEND LIFE."

HARRY REID | Majority Leader, U.S. Senate

GOAL

2

Bringing together a bipartisan group of government leaders from the House, Senate and Administration who showed their support.

Above: **HARRY REID**, Majority Leader, U.S. Senator | Opposite top: **ERIC CANTOR**, Majority Leader, U.S. Congressman
First row: Former U.S. Senator **CONNIE MACK** | **FRED UPTON**, Chairman of the House Energy and Commerce Committee
CHAKA FATTAH, Member of the House Appropriations Committee | Former House Speaker and current Minority Leader **NANCY PELOSI**
Bottom row: The late Senator **DANIEL INOUE**, Appropriations Committee Chairman, and **CATHERINE STEVENS**
Senator **BEN CARDIN**, Member of the Senate Budget and Finance Committees | **BRIAN BILBRAY**, Then-Chairman of the House
Immigration Reform Caucus | **CHRIS VAN HOLLEN**, Ranking Member of the House Budget Committee



"I'M EXCITED THAT HARRY REID AND I CAN STAND ON
STAGE ON THE SAME NIGHT, AT THE SAME TIME,
FOR THE SAME CAUSE."

ERIC CANTOR | Majority Leader, U.S. House of Representatives



GOAL

3

Validating the career choices of those who pursued science, technology, engineering and math (STEM) degrees.

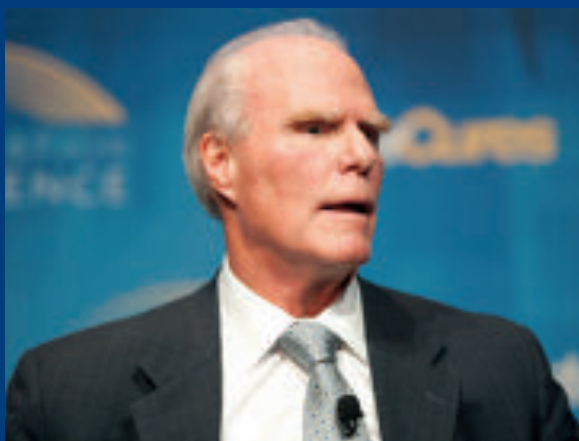


"JUST AS OUR NATION HAS ALWAYS SOUGHT TO HONOR THE COMMITMENTS WE MADE TO VETERANS, WE SHOULD ALSO FOLLOW THROUGH ON THE PROMISES WE'VE MADE TO THE NEXT GENERATION OF SCIENTISTS."

MIKE MILKEN | Chairman, *FasterCures*



TAKE A BOW: Dozens of young medical investigators were honored at an Unforgettable Evening at the Kennedy Center on Saturday, September 8.



GOAL

4

Highlighting the crucial role of patients and patient-focused organizations.



"THERE ARE A LOT OF PEOPLE WHO HAVE BEEN IN THIS FIGHT LONGER THAN I HAVE, SO I STAND ON THEIR SHOULDERS."

EARVIN "MAGIC" JOHNSON | Chairman and CEO,
Magic Johnson Enterprises



Opposite, clockwise from top left: **DAWN AVERITT BRIDGE**, Founder, The Well Project and Nat'l HIV Awareness Month
WINTER VINECKI, Founder, Team Winter | Colonel **PAUL PASQUINA**, U.S. Army Medical Corps and Walter Reed Nat'l Military Medical Ctr.
GORDON GUND, Co-founder, Foundation Fighting Blindness

Above, clockwise from top: **BONNIE ADDARIO**, Founder, Bonnie J. Addario Lung Cancer Foundation | **MARY WOOLLEY**, Pres. and CEO, Research!America;
MARGARET ANDERSON, Exec. Director, *FasterCures* | **LEON BLACK**, Founding Partner, Apollo Management; Co-founder, Melanoma Research Alliance
TIMOTHY RAY BROWN, "The Berlin Patient," Founder, Timothy Ray Brown Foundation of the World AIDS Inst. | **GEORGE VRADENBURG**, Chairman and
Co-founder, USAgainst Alzheimer's | **RUDOLPH TANZI**, Prof., Harvard Medical Sch.; Director, Genetics and Aging Research Unit, MassGeneral



GOAL

5

Increasing awareness and understanding of the missions of American health and science agencies – including the National Institutes of Health, the Food and Drug Administration and the National Science Foundation.

“THERE IS A GROWING NEED TO SUPPORT NOT ONLY INDIVIDUAL INVESTIGATORS, BUT ALSO COLLABORATIVE RESEARCH, AND THE MUCH-NEEDED IMPROVEMENTS IN THE INFRASTRUCTURE FOR SCIENCES IN THE COUNTRY.”

SUBRA SURESH | Then-Director, National Science Foundation



Opposite: **KATHLEEN SEBELIUS**, U.S. Secretary of Health and Human Services | **MIKE MILKEN**, Chairman, *FasterCures*

Above: **SUBRA SURESH**, Then-Director, U.S. National Science Foundation | **STEVEN CHU**, Nobel Laureate and Then-U.S. Secretary of Energy

Top: **JIM HEALY**, Managing General Partner, Sofinnova | **JONATHAN LEFF**, Managing Director, Warburg Pincus | **MARGARET HAMBURG**, Commissioner, U.S. FDA; **FRANCOIS MAISONROUGE**, Sr. Managing Director, Evercore Partners | **MARK SIMON**, Advisor, Torrey Partners

Below, from left: **RICHARD MERKIN**, CEO and Founder, Heritage Provider Network | **RICH LIPELES**, COO, Heritage Provider Network; **FRANCIS COLLINS**, NIH Director | **EZEKIEL EMANUEL**, Prof., Univ. of Pennsylvania | **RISA LAVIZZO-MOUREY**, Pres. and CEO, Robert Wood Johnson Foundation | **PETER DIAMANDIS**, Chairman and CEO, X PRIZE Foundation | **TREVOR MUNDEL**, Pres., Global Health Prog., Gates Foundation | **JOHN REED**, CEO, Sanford-Burnham Medical Research Inst.

GOAL

6

Encouraging a more productive dialogue among groups in government, private industry, philanthropy and academic science centers.





"I BELIEVE WE'LL SEE A SIGNIFICANT REDUCTION IN THE 15 YEARS IT CURRENTLY TAKES TO MOVE LIFE-SAVING THERAPIES FROM DISCOVERY TO PATIENTS. BY WORKING TOGETHER – ADVOCATES, FOUNDATIONS, INDUSTRY, GOVERNMENT, ACADEMIA AND INVESTORS – WITH AND FOR PATIENTS, WE'LL SPEED UP THE MEDICAL RESEARCH PROCESS AND SAVE LIVES BY SAVING TIME."

MARGARET ANDERSON | Executive Director, *FasterCures*





GOAL #

7

Providing a 360-degree view of basic, translational and clinical science.

WE UNDERESTIMATE HOW POWERFUL IT IS TO BE CALLED TO
THE SERVICE OF SCIENCE. WE NEED TO LIGHT PEOPLE'S FIRES.
TELL THEM, 'WE NEED YOU,' THE SAME WAY JIM WATSON ONCE
SAID TO ME, 'DO SOMETHING WITH THE GENOME!'"

ERIC LANDER | President, Broad Institute of Harvard and MIT



Opposite: **ERIC LANDER**, Pres., Broad Inst. of Harvard and MIT; Co-Chair, President's Council of Advisors on Science & Technology (PCAST)

Clockwise from above left: **PETER KWONG** of the NIH's Vaccine Research Ctr. discusses AIDS vaccines with **FRANCIS COLLINS**, NIH Director
KEITH YAMAMOTO, Vice Chancellor for Research, UCSF and Exec. Vice Dean, USCF Sch. of Medicine | **CHRIS VIEHBACHER**, CEO, Sanofi
ANDREW VON ESCHENBACH, Pres., Samaritan Health Initiatives; Former FDA Commissioner and NCI Director | **FREDA LEWIS-HALL**, Exec. Vice Pres., Chief
Medical Ofcr., Pfizer | **JONATHAN ROTHBERG**, CEO, Ion Torrent | **ELIAS ZERHOUNI**, Pres., Global R&D, Sanofi; Former NIH Director
CHARLES SAWYERS, HHMI Investigator; Chair, Human Onc. and Pathogenesis Prog., Memorial Sloan-Kettering Cancer Ctr.



GOAL #

8

Showing the importance of bioscience to America's relationships with the rest of the world.

"THE ADVANCES EMERGING FROM AMERICAN LABORATORIES ARE SOME OF OUR BEST AMBASSADORS THROUGHOUT THE WORLD. THEIR IMPACT IS GREATER THAN ALL THE FOREIGN AID WE'VE EVER DISPENSED."

MIKE MILKEN | Chairman, *FasterCures*



Clockwise from opposite left: **JOHN LIM**, CEO, Health Sciences Authority, Singapore | **SIR DAVID LANE**, Chief Scientist, A*STAR; Chairman, Chugai Pharmabody Research | **TONY FAUCI**, Director, Nat'l Inst. of Allergy and Infectious Diseases, NIH; | **TREVOR MUNDEL**, Pres., Global Health Prog., Bill and Melinda Gates Foundation | **GREG SIMON**, CEO, Poliwoogg; former Pres., *FasterCures*

Accelerating Innovation BECAUSE TIME = LIVES



In Fall 2011, by the shores of Lake Tahoe, *FasterCures* convened what one participant described as the “board of directors of the bioscience ecosystem” – leaders from government, academia, research institutions and private enterprise. At their inaugural retreat, participants rallied behind establishment of the National Center for Advancing Translational Sciences (NCATS) at the NIH, which President Obama signed into law a few months later.

The group reconvened at the Celebration of Science to continue the dialogue and implement strategies for getting new treatments to patients faster.



Center photo: Participants at the Lake Tahoe Retreat

Opposite page: **MIKE MILKEN**, Chairman, *FasterCures* | **CHRIS VIEHBACHER**, CEO, Sanofi | **FREDA LEWIS-HALL**, Exec. Vice Pres., Chief Medical Ofcr., Pfizer | **JAMES GREENWOOD**, Pres. and CEO, Biotechnology Industry Organization | Below: **FRANK DOUGLAS**, Pres. and CEO, Austen BioInnovation Inst. in Akron | **ELIAS ZERHOUNI**, Pres., Global R&D, Sanofi, and Former NIH Director | **PETER DIAMANDIS**, Chairman and CEO, X PRIZE Foundation | **PAUL CHEW**, Sr. Vice Pres., Chief Medical Ofcr. and Head of Global Medical Affairs, Sanofi



“YOU’RE HERE BECAUSE YOU CARE ABOUT CHANGING MEDICINE.
THERE’S ENOUGH POWER IN THIS ROOM TO CHANGE THINGS IF WE
WANT. WE CAN BRING SCIENCE TO PATIENTS FASTER.”

CHRIS VIEHBACHER | CEO, Sanofi

A DAY AT THE NIH

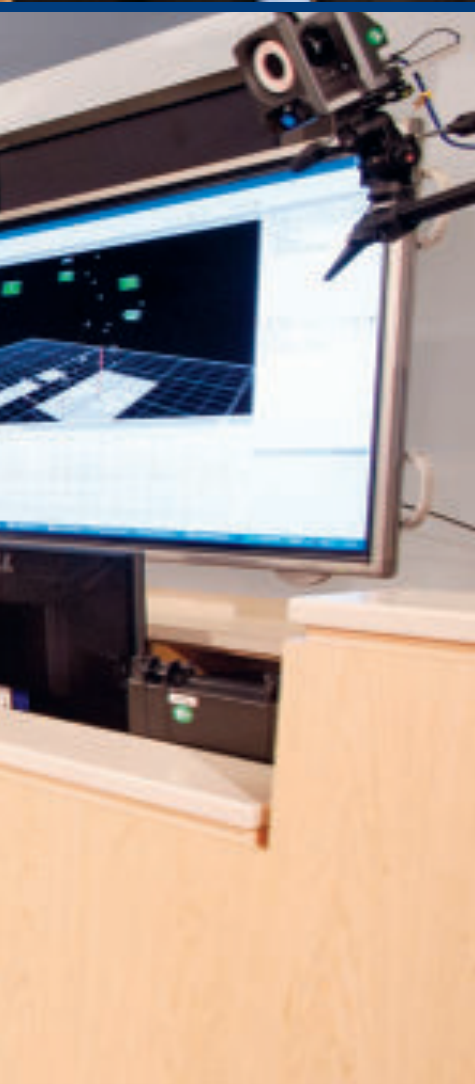
With Your Tour Guide, Dr. Francis Collins

Celebration of Science participants convened at the National Institutes of Health campus in Bethesda, MD for panels about the NIH impact on health and the economy and short talks by national leaders in government, industry, and medical centers. The day's host, NIH Director Francis Collins, visited labs across the campus and provided live remote presentations about the cutting-edge research the agency supports.



"WE AT NIH ARE READY. JOIN US, AND TOGETHER WE'LL
TURN TODAY'S DREAMS INTO TOMORROW'S CURES."

FRANCIS COLLINS | NIH Director



Opposite: Actor **JOHN O'HURLEY** shows off the "Waltz of the NIH" to **DIANE DAMIANO**, chief at the NIH's Rehabilitation Medicine Department, and NIH Director **FRANCIS COLLINS**

Clockwise from top: **THE BEERY FAMILY** – Retta, Noah, Zach, Alexis, and Joe – tell their remarkable genome sequencing story
Colonel **GEOFF LING**, Prog. Manager, DARPA Defense Sciences Office | **KAFUI DZIRASA**, Asst. Prof., Psychiatry and Behavioral Science, Duke Univ. Sch. of Medicine | Audience members at the NIH campus



AN EVENING AT THE KENNEDY CENTER

Honoring Individuals Whose Work Saves, Improves & Extends Lives

During an unforgettable special evening at the Kennedy Center for the Performing Arts, we honored scientists and public figures whose work has changed the world, heard inspiring patient stories, and enjoyed performances by popular entertainers and an ensemble of musically gifted scientists – the “Rock Docs.”



Opposite: Singer/Songwriter **STEVIE NICKS** | Clockwise from top left: **MARGARET ANDERSON**, Exec. Director, *FasterCures* | **KENNY 'BABYFACE' EDMONDS**, Producer, Musician, Singer and Songwriter | Actor **JOHN O'HURLEY** | Whoopi Inc. Pres. **WHOOPI GOLDBERG** | **THE ENTERTAINERS OF SCIENCE** (a.k.a. the “Rock Docs”) | Singer and Songwriter **MELISSA MANCHESTER** | Philanthropist **STEWART RAHR**, sporting his trademark yellow sunglasses



THE NATIONAL PORTRAIT

The Celebration weekend kicked off with a reception and dinner at the National Portrait Gallery. Members of Congress and the Administration joined leaders from across the bioscience ecosystem for brief talks about the latest work on the frontiers of science.

Above: Retired U.S. Army General **PETER CHIARELLI** (right) and retired Captain **DAN BERSCHINSKI**, discussing advances in treating our wounded warriors.

Opposite, clockwise from top left: **STUART "SKIP" HOLDEN**, Medical Director, Prostate Cancer Foundation | **TONI HOLDEN** | **RICHARD SANDLER**, Executive Vice President, Milken Family Foundation | Attendees at the reception | **JAY SCHNITZER**, Director of the Defense Sciences Office, DARPA | The National Portrait Gallery's Kogod Hall | **HOWARD SOULE**, Chief Science Officer, Prostate Cancer Foundation | **KENT BRADLEY**, Chief Medical Officer, Safeway | U.S. Representative **CHAKA FATTAH** and wife, news anchor **RENEE CHENAULT-FATTAH**, with **MIKE MILKEN**, Chairman, *FasterCures* | **JOE TORRE**, **MIKE MILKEN**, **MARGARET ANDERSON**, and **FRANCIS COLLINS** on stage.



GALLERY RECEPTION





MILKEN ASIA

CONTINUING THE CELEBRATION

In the United States and Around the World

The Celebration of Science weekend was only the beginning of an ongoing initiative led by *FasterCures* and the Milken Institute. Both organizations continue to hold Celebration events to maintain the momentum – including sessions at the Milken Institute London Summit, the opening of the Milken Institute Asia Center in Singapore, the annual Partnering for Cures conference in New York and other disease-specific scientific events.



INSTITUTE CENTER



TONY BLAIR, Former Prime Minister, Great Britain and Northern Ireland | MIKE MILKEN, Chairman, *FasterCures*
Above: ALAN ASHWORTH, Chief Exec., The Inst. of Cancer Research | DAVID KERR, CBE, Prof. of Cancer Medicine, Nuffield Department of Clinical
and Laboratory Sciences, Univ. of Oxford | JAY SCHNITZER, Then-Director, Defense Sciences Office, DARPA | LORD ARA DARZI, PC, KBE, Hamlyn
Chair of Surgery, Imperial College London

Continuing the Celebration In the United



Above: NIH Director **FRANCIS COLLINS** and FasterCures Chairman **MIKE MILKEN** interview with Fox Business Network's **LIZ CLAMAN** | Opposite, clockwise from top: **THE ENTERTAINERS OF SCIENCE** at Partnering for Cures | **FREDA LEWIS-HALL**, Exec. Vice Pres., Chief Medical Ofcr., Pfizer | **MARGARET ANDERSON**, Exec. Director, *FasterCures* | **CHRIS AUSTIN**, Director, Nat'l Ctr. for Advancing Translational Sciences (NCATS), and an accomplished operatic singer, performs an aria for a Celebration dinner in New York | **ANNA BARKER**, Director, ASU Transformative Healthcare Networks and Former NCI Dep. Director

States and Around the World





Bringing Congress Into the Conversation

FasterCures' leadership frequently briefs Congress on important medical research issues.

In the weeks leading up to the September 2012 Celebration of Science, and again in the months following, two distinguished panels came to Capitol Hill to discuss the importance of reaffirming our commitment to bioscience.





July 25, 2012

Renewing America's Commitment to Bioscience:

A Congressional Briefing on Improving the Nation's Health, Creating Jobs and Stimulating Economic Growth

FRANCIS COLLINS

Director, National Institutes of Health

HAROLD VARMUS

Director, National Cancer Institute

STEPHEN SPIELBERG

Deputy Commissioner, FDA

WILLIAM NELSON

Dir., Kimmel Cancer Center, Johns Hopkins

MIKE MILKEN

Chairman, Milken Institute

MARGARET ANDERSON

Executive Director, FasterCures

ROSS DEVOL

Chief Research Officer, Milken Institute



February 6, 2013

The Blueprint of Medical Research:

A Capitol Hill Briefing on How New Medicines Get from the Lab to the Patient

DEBORAH BROOKS

Co-founder and Exec. Vice Chairman, The Michael J. Fox Foundation for Parkinson's Research

N. ANTHONY COLES

President, CEO, and Chairman, Onyx Pharmaceuticals

FRANCIS COLLINS

Director, National Institutes of Health

MARGARET HAMBURG

Commissioner, U.S. Food and Drug Administration

ROY A. JENSEN

Director, Univ. of Kansas Cancer Ctr.

MIKE MILKEN

Chairman, FasterCures

ELLEN V. SIGAL

Chairperson and Founder, Friends of Cancer Research

MARGARET ANDERSON

Executive Director, FasterCures

THE PROGRAM

FRIDAY, SEPTEMBER 7, 2012

Four Seasons Hotel

8:00 AM Accelerating Innovation in the Bioscience Revolution

George Washington University's Jack Morton Auditorium

12:00 PM Celebration of Science Welcome

12:20 PM Anthony Fauci and Earvin "Magic" Johnson discuss progress against HIV/AIDS

12:50 PM Anthony Fauci and Trevor Mundel Discuss Global Health

1:20 PM Your NIH: A 20-Year Perspective

2:15 PM Andrew von Eschenbach: The Interaction of Government,
Industry and Academic Centers

2:35 PM Linking Prevention, Care and Cures

3:30 PM Eric Lander: Past Achievements and Future Potential in Bioscience

3:50 PM The FDA: Past, Present and Future

4:45 PM Accelerating Basic, Translational and Clinical Research

6:00 PM Reception at the National Portrait Gallery

7:45 PM Celebration of Science Dinner

Videos, photos and panelist information: www.celebrationofscience.org

SATURDAY, SEPTEMBER 8, 2012

National Institutes of Health Campus

- | | |
|----------|---|
| 9:30 AM | NIH Day - Welcome |
| 9:40 AM | The Impact of Biomedical Research on our Health and the Economy |
| 10:10 AM | HIV/AIDS: Yesterday's Progress, Tomorrow's Promise |
| 10:30 AM | Towards an HIV Vaccine |
| 10:40 AM | The Protein Folding Problem |
| 11:00 AM | Uncovering the Mystery of the Brain |
| 11:20 AM | Using Imaging to Explore our Brains |
| 11:30 AM | The NIH Impact on Prevention, Care and Research |
| 12:00 PM | NIH Lunch |
| 1:30 PM | Restoring Mobility and Independence |
| 1:40 PM | Research and Rehabilitation of our Wounded Soldiers |
| 2:00 PM | Precision Medicine |
| 2:20 PM | Closing Remarks |

The Kennedy Center for Performing Arts

- | | |
|---------|--|
| 8:00 PM | An Unforgettable Evening at the Kennedy Center |
|---------|--|

Videos, photos and panelist information: www.celebrationofscience.org

THE PROGRAM

SUNDAY, SEPTEMBER 9, 2012

George Washington University's Marvin Center

8:40 AM

Economic Return on Bioscience Initiatives
The Prospect of Eradicating AIDS
Translation, Innovation and Commercialization: Role of the NCI's Comprehensive Cancer Centers
STEM Education and Job Prospects for Young Investigators

9:40 AM

The Role and Benefits of Prevention and Wellness Programs
Bioscience in Energy, Environment, Water, Agriculture, and Bioterror Defense
Who Pays for Treatment and Cures?
Patient Groups and the Drug Discovery Process

10:40 AM

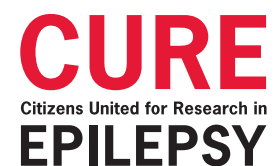
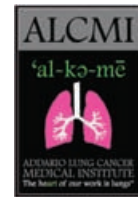
Science and Progress at the FDA
Leveraging Medical Philanthropy
The Coming Age of Precision Medicine
Biological Effects of Physical Energy
Opportunities and Challenges for Research Universities

11:40 AM

Alzheimer's and Other Issues of Aging
Investment Opportunities in Medical Research
Advances Against the Crafty Cancer Cell
A Conversation with Nobel Laureate James Watson

Videos, photos and panelist information: www.celebrationofscience.org

TRAIN - THE RESEARCH ACCELERATION AND INNOVATION NETWORK





TRAIN - THE RESEARCH ACCELERATION AND INNOVATION NETWORK



FasterCures Board of Directors

MARGARET ANDERSON, Executive Director, *FasterCures*
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ERNEST BATES, M.D., Chairman, American Shared Hospital Services
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LARRY FLAX, Co-Founder, California Pizza Kitchen
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SHMUEL MEITAR, Vice Chairman, Aurec, Ltd.
RICHARD MERKIN, M.D., Founder and CEO, Heritage Provider Network
MICHAEL MILKEN, Chairman, The Milken Institute and *FasterCures*
ALLAN SCHWEITZER, Executive Managing Director, Beach Point Capital Management
GREG SIMON, Former President, *FasterCures*; CEO, Poliwogg
JONATHAN W. SIMONS, M.D., President and CEO, Prostate Cancer Foundation
DAVID A. STEINBERG, Founder and CEO, CAIVIS and XL Marketing

FasterCures Ten Centers for Medical Progress

1. The Center for Treatment and Care Innovation
2. The Center for Prevention and Wellness
3. The *FasterCures* Center for Translational Research
4. The Center for Cancer Research Innovation
5. The Center for Drug Development Innovation
6. The Research Acceleration & Innovation Network (TRAIN) Center
7. The Center for International Collaboration in the Biosciences
8. The Center for Patients Helping Doctors
9. The Center for Bioscience Regulatory Policy
10. The Center for Philanthropy Advisory Services

Opposite flap, top to bottom, left to right: MELISSA STEVENS, Dep. Exec. Director, *FasterCures* | CARMEN PULIAFITO, Dean, Keck School of Medicine, University of Southern California | JEAN-LOU CHAMEAU, Pres., Caltech | PADMANEE SHARMA, Associate Professor, Department of Genitourinary Medical Oncology, Division of Cancer Medicine, The University of Texas MD Anderson Cancer Center | OWEN WITTE, Dir., Broad Stem Cell Research Center; HHMI Investigator; Prof., Microbiology and Pharmacology, UCLA | JAMES ALLISON, Chairman, Immunology Prog., Memorial Sloan-Kettering Cancer Center | JILL O'DONNELL-TORMEY, CEO and Dir., Scientific Affairs, Cancer Research Institute | GENE BLOCK, Chancellor, UCLA | ERIC PERAKSLIS, Chief Information Officer and Chief Scientist (Informatics), FDA | SALLY ROCKEY, Dep. Director, NIH | CORA MARRETT, Dep. Director, NSF | LESA MITCHELL, VP, Innovation and Networks, Ewing Marion Kauffman Foundation | STEVEN KNAPP, Pres., George Washington University





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