A Symposium on the Occasion of the 75th Anniversary of Vannevar Bush’s Science – The Endless Frontier

National Academy of Sciences Building
Fred Kavli Auditorium
2101 Constitution Avenue, NW
Washington, DC 20418

February 26, 2020

7:30 am – 8:15 am   Registration/Continental Breakfast

8:15 am – 8:20 am   Welcome

Marcia McNutt, President, National Academy of Sciences

8:20 am – 8:30 am   Remarks

Senator Chris Van Hollen, D – Maryland

8:30 am – 8:40 am   Introductory Comments

Kelvin K. Droegemeier, Director, White House Office of Science and Technology Policy
Robert Conn, President and CEO, The Kavli Foundation

8:40 am – 8:50 am   Remarks

Senator Lamar Alexander, R - Tennessee
8:50 am – 9:30 am  Setting the Stage

The Vannevar Bush Legacy and the Enterprise that Unfolded: Where We Are, What Has Changed, and the Challenges Ahead

France A. Córdova, Director, National Science Foundation

The Future of Science and Technology in the United States

Rafael Reif, President, Massachusetts Institute of Technology

9:30 am – 10:00 am  The Evolving Scientific Research Enterprise

Moderator:

Victor J. Dzau, President, National Academy of Medicine

Panelists:

Gabriella González, Professor of Physics and Astronomy, Louisiana State University
Alan Leshner, Retired CEO, American Association for the Advancement of Science
Shobita Parthasarathy, Professor of Public Policy, University of Michigan

10:00 am – 10:20 am  Q&A with Audience

10:20 am – 10:45 am  Break

10:45 am – 11:30 am  Science Engagement with the Public

Moderator:

Elizabeth Christopherson, President and CEO, Rita Allen Foundation

Opening Address:

Alan Alda

Panelists:

Cristin Dorgelo, President and CEO, Association of Science and Technology Centers
Mahmud Farooque, Associate Director, Consortium for Science, Policy and Outcomes, DC and Clinical Associate Professor, School for the Future of Innovation in Society, Arizona State University
Sheila Jasanoff, Pforzheimer Professor of Science and Technology Studies, Harvard University

11:30 am – 12:00 pm Q&A with Audience

12:00 pm – 1:00 pm Boxed Lunch in Great Hall

1:00 pm – 1:40 pm America’s Unique Advantage: The Role of Government and Philanthropy in Supporting Our Research Enterprise

Moderator:

Harvey Fineberg, President, Gordon and Betty Moore Foundation

Opening Remarks:

Robert Conn, President and CEO, The Kavli Foundation

Panelists:

Adam F. Falk, President, Alfred P. Sloan Foundation
Eric D. Isaacs, President, Carnegie Institution for Science
Shirley Ann Jackson, President, Rensselaer Polytechnic Institute
Mary Woolley, President, Research!America

1:40 pm – 2:00 pm Q&A with Audience

2:00 pm – 2:40 pm Evolution of the Government-University Research Partnership

Moderator:

Mary Sue Coleman, President, Association of American Universities

Speakers:

Kristen J. Baldwin, Deputy Director for Strategic Technology Exploitation and Protection, U.S. Department of Defense
Ronald Daniels, President, Johns Hopkins University
Chris Fall, Director, Office of Science, U.S. Department of Energy
Carrie Wolinetz, Associate Director for Science Policy and Director of Office of Science Policy, National Institutes of Health
2:40 pm – 3:00 pm  Q&A with Audience

3:00 pm – 3:30 pm  Break

3:30 pm – 4:40 pm  From Basic Research to Innovation and Economic Growth, and the Next 75 Years

Moderator:

John L. Anderson, President, National Academy of Engineering

Opening Addresses:

Norman R. Augustine, Retired Chairman and CEO, Lockheed Martin Corporation
Simon Johnson, Ronald A. Kurtz (1954) Professor of Entrepreneurship and Professor, Global Economics and Management, MIT Sloan School of Management

Panelists:

Robbert Dijkgraaf, Director, Institute for Advanced Study
Freeman A. Hrabowski, President, University of Maryland, Baltimore County
Laurie Leshin, President, Worcester Polytechnic Institute
Shirley Tilghman, President Emerita, Princeton University

4:40 pm – 5:00 pm  Q&A with Audience

5:00 pm – 5:15 pm  Concluding Remarks

Marcia McNutt, President, National Academy of Sciences

5:15 pm – 6:00 pm  Reception in Great Hall