

Obama Administration Presidents Council of Advisors on Science and Technology Accomplishments

Announced April 27, 2009



Caption: President Barack Obama and Vice President Joe Biden join President's Council of Advisors on Science and Technology (PCAST) members for a group photo in the Diplomatic Reception Room following a meeting in the China Room of the White House, Jan. 5, 2017. (Official White House Photo by Lawrence Jackson)

Membership

Currently *19* members serving
A total of *25 members* have served this Administration

Co-Chairs			
John P. Holdren 2009 – Current	Eric S. Lander 2009 – Current	Harold Varmus 2009 – 2010	
Vice Chairs			
William Press 2009 – Current	Maxine Savitz 2009 – Current		
Members			
Wanda M. Austin 2015 – Current	Mark Gorenberg 2011 – Current	Chad Mirkin 2009 – Current	Barbara Schaal 2009 – Current
Rosina Bierbaum 2009 – Current	Susan L. Graham 2013 – Current	Mario Molina 2009 – Current	Eric Schmidt 2009 – Current
Christine Cassel 2009 – Current	Shirley Ann Jackson 2009 – 2014	Ernest Moniz 2009 – 2013	Daniel Schrag 2009 – Current
Christopher Chyba 2009 – Current	Richard Levin 2009 – 2014	Craig Mundie 2009 – Current	David Shaw 2009 – 2013
S. James Gates, Jr. 2009 – Current	Michael McQuade 2013 – Current	Ed Penhoet 2009 – Current	Ahmed Zewail 2009 – 2013

Meetings

January 6th 2017 marks PCAST's

50th public meeting

- 45 In person meetings at various locations
- 5 public teleconferences



Caption: President Barack Obama and Vice President Joe Biden meet with the President's Council of Advisors on Science and Technology (PCAST) in the China Room of the White House, Jan. 5, 2017. (Official White House Photo by Pete Souza)

First Term Reports

		Publication Date
1	Report to the President on U.S. Preparations for 2009-H1N1 Influenza	August 2009
2	Report to the President and Congress on the Third Assessment of the National Nanotechnology Initiative	March 2010
3	Report to the President on Reengineering the Influenza Vaccine Production Enterprise to Meet the Challenges of Pandemic Influenza	August 2010
4	Report to the President: Prepare and Inspire: K-12 Science, Technology, Engineering, and Math (STEM) for America's Future	September 2010
5	Report to the President on Accelerating the Pace of Change in Energy Technologies Through an Integrated Federal Energy Policy	November 2010
6	Report to the President on Realizing the Full Potential of Health Information Technology to Improve Healthcare for Americans: The Path Forward	December 2010
7	Report to the President and Congress on Designing a Digital Future: Federally Funded Research and Development in Networking and Information Technology	December 2010
8	Report to the President on Ensuring American Leadership in Advanced Manufacturing	June 2011
9	Report to the President on Sustaining Environmental Capital: Protecting Society and the Economy	July 2011
10	Report to the President: Engage to Excel: Producing One Million Additional College Graduates with Degrees in Science, Technology, Engineering, and Mathematics	February 2012
11	Report to the President and Congress on the Fourth Assessment of the National Nanotechnology Initiative	April 2012
12	Report to the President on Capturing Domestic Competitive Advantage in Advanced Manufacturing	July 2012
13	Report to the President on Realizing the Full Potential of Government-Held Spectrum to Spur Economic Growth	July 2012
14	Report to the President on Propelling Innovation in Drug Discovery, Development, and Evaluation	September 2012
15	Report to the President on Transformation and Opportunity: The Future of the U.S. Research Enterprise	November 2012
16	Report to the President on Agricultural Preparedness and the Agricultural Research Enterprise	December 2012

Second Term Reports

		Publication Date
17	Report to the President and Congress on Designing a Digital Future: Federally Funded Research and Development in Networking and Information Technology	January 2013
18	Letter Report to the President on Climate Change	March 2013
19	Report to the President on Immediate Opportunities for Strengthening the Nation's Cybersecurity * classified version available	November 2013
20	Letter Report to the President on Education Technology – Higher Education	December 2013
21	Report to the President on Big Data and Privacy: A Technological Perspective	May 2014
22	Report to the President on Better Health Care and Lower Costs: Accelerating Improvement through Systems Engineering	May 2014
23	Report to the President on Combating Antibiotic Resistance	September 2014
24	Letter Report to the President on Information Technology for Targeting Job-Skills Training and Matching Talent to Jobs	September 2014
25	Report to the President and Congress on The Fifth Assessment of the National Nanotechnology Initiative	October 2014
26	Report to the President on Accelerating U.S. Advanced Manufacturing	October 2014
27	Report to the President and Congress on Ensuring Leadership in Federally Funded Research and Development in Information Technology	August 2015
28	Letter Report to the President on Aging America & Hearing Loss: Imperative of Improved Hearing Technologies	October 2015
29	Letter Report to the President on Private Sector Efforts in Adaptation to Climate Change	November 2015
30	Report to the President on Technology and the Future of Cities	February 2016
31	Report to the President on Independence, Technology, and Connection in Older Age	March 2016
32	Report to the President on Forensic Science in Criminal Courts: Ensuring Scientific Validity of Feature-Comparison Methods *annex available	September 2016
33	Letter Report to the President on Action Needed to Protect against Biological Attack * classified annex available	November 2016
34	Report to the President on Science and Technology to Ensure the Safety of the Nation's Drinking Water	December 2016
35	Ensuring Long-Term U.S. Leadership in Semiconductors	January 2017
36	Letter Report to the President and Congress on the Sixth Assessment of the National Nanotechnology Initiative	January 2017

