



Erica R.H. Fuchs is a Professor in the Department of Engineering and Public Policy at Carnegie Mellon University, and by courtesy in the Department of Materials Science and Engineering and the Heinz College of Information Systems and Public Policy. She is also a Research Associate with the National Bureau of Economic Research. Her research focuses on the development, commercialization and global manufacturing of emerging technologies, and national policy in that context. Dr. Fuchs is currently leading Carnegie Mellon’s College of Engineering “[moonshot](#)” on national technology strategy in critical technologies, supply chains, and infrastructure – an initiative across Carnegie Mellon’s schools of engineering, computer science, and the Heinz College. Professor Fuchs previously was the founding Faculty Director of Carnegie Mellon University’s Manufacturing Futures Initiative – an initiative across six schools aimed to revolutionize the commercialization and local production of advanced manufactured products, which today is an endowed institute. Over the past decade, Dr. Fuchs has played a growing role in national and international meetings on technology policy, including being one of 23 participants in the President’s Council of Advisors on Science and Technology workshop that led to the creation of the Advanced Manufacturing Partnership, and serving on the expert group that supported the White House in the 2016 Innovation Dialogue between the U.S. and China. In 2012 she was selected a World Economic Forum “Young Scientist” (top 40 under 40 globally.) She currently serves on the M.I.T. Corporation’s Visiting Committee for M.I.T.’s Institute for Data, Systems, and Society, of which M.I.T.’s Technology Policy Program is a part; and on the Advisory Editorial Board for *Research Policy*. Before coming to CMU, Dr. Fuchs completed her Ph.D. in Engineering Systems at M.I.T. in June 2006. She received her Masters and her Bachelors degrees also from M.I.T. in Technology Policy (2003) and Materials Science and Engineering (1999), respectively. She spent 1999-2000 as a fellow at the United Nations in Beijing, China. Dr. Fuchs grew up and attended K-12 in the Reading Public School District in Reading, PA. Her work has been published among other places in *Science*, the *Nature* journals, *Research Policy*, and *Management Science*. She has testified in Congressional hearings and had her work covered, among other places, by National Public Radio, Bloomberg, and the *New York Times*.