

Contributors

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Leticia Britos Cavagnaro is cofounder and codirector of the University Innovation Fellows program, an initiative of the Hasso Plattner Institute of Design (d.school) at Stanford University. She is also an adjunct professor at the d.school and was the deputy director of the NSF-funded National Center for Engineering Pathways to Innovation (Epicenter). She received a PhD developmental biology from Stanford's school of medicine.

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Humera Fasihuddin is cofounder and codirector of the University Innovation Fellows program, an initiative of the Hasso Plattner Institute of Design (d.school) at Stanford University. She founded the program after a decade of experience at a non-profit where she helped expand entrepreneurship and venture creation in academia. Her skills in building innovation movements come from seven years in industry and four years in economic development. She began her career with a liberal arts education at Smith College (mathematics, minor in economics) and expanded her interests in innovation at UMass Amherst (MBA).

Maryann Feldman is the Heninger Distinguished Professor in the Department of Public Policy at the University of North Carolina. Her research and teaching interests focus on innovation, technological change, and the commercialization of academic research. The author of *The Geography of Innovation* (Springer, 1994), her recent work explores emerging industries, entrepreneurship, and the process of regional transformation.

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Benoît Godin is a professor of science studies at the Institut national de la recherche scientifique in Montreal. His projects on the history of science and technology statistics and the intellectual history of innovation have produced many publications, including his books *Innovation Contested: The Idea of Innovation over the Centuries* (Routledge, 2015) and *Models of Innovation: The History of an Idea* (MIT Press, 2017). Godin holds a PhD in science studies from the University of Sussex.

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Dutch MacDonald is the director of BCG Platinion|MAYA Design, a digital innovation and engineering studio. Formerly, he was the president and CEO of MAYA, which was acquired by the Boston Consulting Group in 2017. He is a past president of the Pittsburgh chapter of the American Institute of Architects and serves on the board of the Carnegie Museum of Art. He holds a BArch from Carnegie Mellon University and has also studied at the École Polytechnique Fédérale de Lausanne and the University of Pittsburgh.

Mickey McManus is a senior advisor at BCG and is a visiting research fellow at Autodesk. A pioneer in pervasive computing, collaborative human/machine innovation, human-centered design, and education, he holds ten patents in the area of connected products, vehicles, and services. While chairman of MAYA he coauthored the award-winning book on the internet of things and beyond called *Trillions* (Wiley, 2012) and is currently working on his next book, code-named *Primordial: When Things Wake Up*.

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Andrew L. Russell is a professor of history and dean of the College of Arts and Sciences at SUNY Polytechnic Institute in Utica, New York. He is the author of *Open Standards and the Digital Age: History, Ideology, and Networks* (Cambridge University Press, 2014) and coeditor (with Robin Hammerman) of *Ada's Legacy: Cultures of Computing from the Victorian to the Digital Age* (ACM/Morgan & Claypool, 2015). With Lee Vinsel, he is a founder of the Maintainers, a global, interdisciplinary network of scholars and practitioners with interests in maintenance, infrastructure, repair, and the myriad forms of labor and expertise that sustain our human-built world.

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Matthew Wisnioski is an associate professor of science, technology, and society and a senior fellow of the Institute for Creativity, Arts, and Technology at Virginia Tech. He is the author of *Engineers for Change: Competing Visions of Technology in 1960s America* (MIT Press, 2012). He is at work on a book titled *Every American an Innovator* that documents the rise of today's ubiquitous culture of innovation. He is also a critical participant in the NSF's Revolutionizing Engineering and Computer Science Department initiative at Virginia Tech. He received an MS in materials science and engineering from Johns Hopkins University and a PhD in history from Princeton University.