



NATHAN MYHRVOLD

Founder and Chief Executive Officer

Dr. Nathan Myhrvold founded Intellectual Ventures (IV) in 2000 and has led the company since then as its chief executive officer. Under Nathan's leadership, IV has grown from a handful of entrepreneurs into the world's preeminent invention and investment business. Along with Bill Gates, he created and oversees Global Good, a unit of IV that invents technologies for global health and development, and its Institute for Disease Modeling, a world leader in computational epidemiology. He is also among IV's most prolific inventors, with more than 800 U.S. patents awarded and several hundred patents pending. A number of Nathan's inventions have been commercialized by eight spinout companies that IV has created to bring advanced metamaterials technologies to market. In addition to his work with IV, he is vice chairman of TerraPower, a pioneer in advanced nuclear energy. He also conducts and publishes scientific research in planetary science, paleontology, climate science, and other fields.

Prior to founding IV, Nathan was chief strategist and chief technology officer at Microsoft. During his 14-year tenure there, he led multiple advanced technology and business development groups, founded Microsoft Research, and managed an R&D budget of \$2 billion. As group vice president for applications and content from 1994 to 1996, and then as the company's CTO through 1999, he played pivotal roles in the development of Microsoft's Office, Windows, and online products.

Before joining Microsoft, Nathan cofounded and served as CEO of the software company Dynamical Systems Research. He also worked as a postdoctoral fellow in the Department of Applied Mathematics and Theoretical Physics at Cambridge University, where his cosmology research with Professor Stephen Hawking centered on quantum field theory in curved spacetime and quantum theories of gravitation.

Nathan holds a doctorate in theoretical and mathematical physics and a master's degree in mathematical economics from Princeton University. In 2005, Princeton awarded him the James Madison Medal, the university's highest honor for alumni. He received a master's degree in geophysics and space physics and a bachelor's degree in mathematics from the University of California, Los Angeles in 1979. He also attended culinary school in France, earning a Grande Diplome from Ecole de Cuisine La Varenne in 1995. In 2012, he was awarded an honorary degree from the Culinary Institute of America in recognition of his contributions to the culinary arts.

Combining his interests in food, science, and technology, Nathan founded The Cooking Lab in 2010 and has authored and published a series of influential books, beginning with the acclaimed five-volume, 2,438-page cookbook, *Modernist Cuisine: The Art and Science of Cooking* (2011). The book, which has been translated into seven languages, won two James Beard Foundation awards and was inducted into the Gourmand World Cookbook Hall of Fame. His other award-winning books include *Modernist Cuisine at Home* (2012), *The Photography of Modernist Cuisine* (2013), and *Modernist Bread* (2017), which also won a James Beard award. More details about his published works in science and cuisine are available at nathanmyhrvold.com and modernistcuisine.com.

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