

Biographical Sketch (240 words)
Robert M. Hazen – June 2017

Robert M. Hazen, Senior Staff Scientist at the Carnegie Institution's Geophysical Laboratory and Clarence Robinson Professor of Earth Sciences at George Mason University, received the B.S. and S.M. in geology at the Massachusetts Institute of Technology and the Ph.D. at Harvard University in earth science. He is author of 400 scientific articles and 25 books, including *Genesis: The Scientific Quest for Life's Origin* (National Academy Press, 2005) and *The Story of Earth* (Viking-Penguin, 2012). A former President of the Mineralogical Society of America and winner of awards for research, science communications, and teaching, Hazen's recent research focuses on the varied roles of minerals in the origin of life, the co-evolution of the geo- and biospheres, the development of complex systems, and the application of "big data" to understanding mineral diversity and distribution. He is active in national science education policy; with coauthor James Trefil he contributed to the *National Science Education Standards* and wrote the best-selling *Science Matters: Achieving Scientific Literacy* (Doubleday, 1991) and *The Sciences: An Integrated Approach* (Wiley, 1995). He is also Executive Director and Principal Investigator of the Deep Carbon Observatory, a 10-year project to study the chemical and biological roles of carbon in Earth's interior, sponsored by the Alfred P. Sloan Foundation and the Carnegie Institution. Hazen is active in presenting science to nonscientists through writing, radio, TV, public lectures, and video courses. In 2016 Hazen retired after a 40-year career as a professional symphonic trumpeter.