

Biographical Sketch

Donald R. Sadoway is the John F. Elliott Professor of Materials Chemistry in the Department of Materials Science and Engineering. He obtained the B.A.Sc. in Engineering Science, the M.A.Sc. in Chemical Metallurgy, and the Ph.D. in Chemical Metallurgy, all from the University of Toronto. After a year of postdoctoral study at MIT as a NATO Fellow, Dr. Sadoway joined the faculty in 1978. The author of over 150 scientific papers and holder of 19 U.S. patents, his research is directed towards the development of rechargeable batteries for grid-level storage and environmentally sound technologies for the extraction of metals. The fundamental tenet that drives his choice of problems is how to reduce cost at the discovery stage. To push these ideas from lab bench to market place, he is the founder of two companies, Ambri and Boston Electrometallurgical. His impact on engineering education extends far beyond the lecture hall at MIT with his classes being featured on MIT OpenCourseWare. Viewed over 1,400,000 times, his TED talk from February 29, 2012 is a narrative about inventing inventors as much as it about inventing technology. In 2012 he was named by Time magazine as one of the 100 Most Influential People in the World.