

Dr. Joseph M. DeSimone is the CEO/Co-founder of Carbon, Inc. located in Silicon Valley. Prior to this, DeSimone was the Chancellor's Eminent Professor of Chemistry at the University of North Carolina at Chapel Hill, and William R. Kenan, Jr. Distinguished Professor of Chemical Engineering at North Carolina State University and of Chemistry at UNC. DeSimone has published over 300 scientific articles and has over 150 issued patents in his name with over 200 patents pending. In June, 2016 DeSimone was recognized by President Barack Obama with the National Medal of Technology and Innovation.

DeSimone is one of less than twenty individuals who have been elected to all three branches of the U.S. National Academies: National Academy of Medicine (2014), National Academy of Sciences (2012) and the National Academy of Engineering (2005). He is also a member of the American Academy of Arts and Sciences (2005). DeSimone has received over 50 major awards and recognitions including the inaugural \$250,000 Kabiller Prize in Nanoscience and Nanomedicine; 2015 Dickson Prize from Carnegie Mellon University; 2014 Industrial Research Institute Medal; 2014 Kathryn C. Hach Award for Entrepreneurial Success; 2012 Walston Chubb Award for Innovation by Sigma Xi; 2010 AAAS Mentor Award in recognition of his efforts to advance diversity in the chemistry PhD workforce; 2009 NIH Director's Pioneer Award; 2009 North Carolina Award; 2008 \$500,000 Lemelson-MIT Prize for Invention and Innovation; 2002 John Scott Award presented by the City Trusts, Philadelphia, given to "the most deserving" men and women whose inventions have contributed in some outstanding way to the "comfort, welfare and happiness" of mankind; and 2002 Engineering Excellence Award by DuPont.

DeSimone is the co-founder of several companies including Micell Technologies, Bioabsorbable Vascular Solutions, Liquidia Technologies and Carbon. DeSimone received his B.S. in Chemistry in 1986 from Ursinus College in Collegeville, PA and his Ph.D. in Chemistry in 1990 from Virginia Tech. He currently resides in Monte Sereno, California with his wife of 30 years, Suzanne.