

**Prof. Jeffrey R. Long**

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Prof. Jeffrey R. Long obtained his doctorate in Chemistry from Harvard University in 1995 and conducted postdoctoral research at Harvard and UC Berkeley before joining the UC Berkeley faculty in 1997. He was appointed to Associate Professor in 2003 and to Full Professor of Chemistry in 2008. In 2015, Prof. Long received a joint appointment as Professor of Chemistry & Biomolecular Engineering, and in 2022 he was named the C. Judson King Distinguished Professor.

Prof. Long's research program focuses on the design and controlled synthesis of novel inorganic materials and molecules toward the fundamental understanding of new physical phenomena, with applications in gas storage, molecular separations, conductivity, catalysis, and magnetism. He has published more than 375 papers with over 85,000 citations as well as 21 patents. His contributions to inorganic and materials chemistry have been recognized with numerous awards and honors, including the Royal Society of Chemistry Ludwig Mond Award and the American Chemical Society F. Albert Cotton Award in Synthetic Inorganic Chemistry, and he is an elected member of the American Academy of Arts and Sciences. Prof. Long served as Co-Founder and Director of Mosaic Materials from 2014 to 2022, a carbon capture technology company acquired by Baker Hughes in 2022. He is also a Co-Founder of ChemFinity Technologies, a startup founded in 2022 with prior Ph.D. students to commercialize membrane technology developed in his laboratory for water purification applications.