

Biography

Kam W. Leong is currently the Samuel Y. Sheng Professor of Biomedical Engineering at Columbia University. He received his undergraduate degree in Chemical Engineering from the University of California at Santa Barbara and his PhD from the University of Pennsylvania. After his postdoctoral training at MIT with Professor Robert Langer, he joined the Department of Biomedical Engineering at The Johns Hopkins School of Medicine. After serving as a faculty at Johns Hopkins for almost 20 years, he moved to Duke University in 2006 and spent almost 10 years there to focus on understanding and exploiting the interactions of cells with nanostructures for therapeutic applications.

Dr. Leong is a pioneer in developing multifunctional nanoscale technologies for delivering drugs, antigens, proteins, siRNA, and DNA to cells. He has published ~280 peer-reviewed research manuscripts and owns more than 50 issued patents. In 2013 he was elected a Member of both the USA National Academy of Engineering and the USA National Academy of Inventors. His work has been recognized by a Young Investigator Research Achievement Award of the Controlled Release Society, Distinguished Scientist Award of the International Journal of Nanomedicine, and Clemson Award for Applied Research of the Society for Biomaterials. He is also the Editor-in-Chief of *Biomaterials*.