

**Shaochen Chen, PhD**

Zable Endowed Chair in Nanoengineering Technologies  
University of California, San Diego



**Bio:** Dr. Shaochen Chen is Zable Endowed Chair Professor in the NanoEngineering Department and Professor in the Bioengineering Department at the University of California, San Diego (UCSD). He is the founding director of the Biomaterials and Tissue Engineering Center at UCSD. Before joining UCSD, Dr. Chen had been a Professor and a Henderson Centennial Endowed Faculty Fellow in Engineering at the University of Texas at Austin from 2001 to 2010. Between 2008 and 2010, he served as the Program Director for Nanomanufacturing at NSF.

Dr. Chen's primary research interests include: 3D printing and bioprinting, biomaterials and nanomaterials, stem cell and regenerative medicine, and tissue engineering. He has published over 170 papers in top journals. Dr. Chen received the NSF CAREER award, ONR Young Investigator award, and NIH Edward Nagy New Investigator Award. For his seminal work in 3D printing and bioprinting, he received the Milton C. Shaw Manufacturing Research Medal from the American Society of Mechanical Engineers (ASME) in 2017 and Frederick W. Taylor Research Medal from the Society of Manufacturing Engineers in 2023. Dr. Chen is an elected fellow of the US National Academy of Inventors and a member of the European Academy of Sciences and Arts, a Fellow of AAAS, AIMBE, ASME, & SPIE. In 2022, Dr. Chen was awarded as a BRITE Fellow of NSF to advance 3D nanoscale biomanufacturing techniques.