

Dr. Lijie Grace Zhang is an associate professor in the Department of Mechanical and Aerospace Engineering at the George Washington University. She obtained her Ph.D. in Biomedical Engineering at Brown University. Dr. Zhang joined GW after finishing her postdoctoral training at Rice University and Harvard Medical School. She is the director of the Bioengineering Laboratory for Nanomedicine and Tissue Engineering at GW. Dr. Zhang is the Fellow of the American Institute for Medical and Biological Engineering (AIMBE). She has received the ASME Sia Nemat-Nasser Early Career Award, NIH Director's New Innovator Award, Young Innovator in Cellular and Molecular Bioengineering, American Heart Association Transformative Project Award, John Haddad Young Investigator Award by American Society for Bone and Mineral Research, and Early Career Award from the International Journal of Nanomedicine, etc.

Her research interests include 3D/4D bioprinting, nanobiomaterials, tissue engineering, biomechanics, and breast cancer bone metastasis. Dr. Zhang has authored 3 books, over 128 journal papers, book chapters and conference proceedings, 7 patents and has presented her work on over 320 conferences, university and institutes. She also serves as the Editor of Materials Science and Engineering C: Materials for Biological Applications; Associate Editor-in-Chief of International Journal of Nanomedicine; and Associate Editor of ASME Journal of Engineering and Science in Medical Diagnostics and Therapy.

It is my honor to be nominated to serve as a board member for ISBF. The ISBF core goal is to promote scientific and technological innovation and multidisciplinary interactions in the biofabrication field. It well aligns with my research expertise in 3D/4D bioprinting. I would like to run for this position to contribute to our society.