

## Statement

Lijie Grace Zhang

Dr. Lijie Grace Zhang is a Professor and Associate Dean for Research in the School of Engineering and Applied Science at the George Washington University. She obtained her Ph.D. in Biomedical Engineering at Brown University. She 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. She has received the ASME Sia Nemat-Nasser Early Career Award, NIH Director's New Innovator Award, Society of Engineering Science (SES) Young Investigator Medal, Young Innovator in Cellular and Molecular Bioengineering, John Haddad Young Investigator Award by American Society for Bone and Mineral Research, and Early Career Award from the International Journal of Nanomedicine, etc. She is a Fellow of the American Institute for Medical and Biological Engineering. Dr. Zhang also serves as the Editor-in-Chief of Biomedical Engineering Advances and Associate Editors for several high-impact international journals.

As a professor and an Associate Dean for Research, I endeavor not only to become a top researcher in my field, but also to play a critical role in promoting SEAS research activities and elevating the school's academic reputation. My lab's research focuses on advanced 3D/4D printing, nanomaterials, and stem cells for complex tissue regeneration and various disease treatments. I have authored 3 books and over 150 publications. My lab has given over 350 presentations at various international/national conferences and universities. As an Associate Dean for Research, besides the common duties of school-wide research administration, strategic planning, and organization of various meetings/workshops for faculty training purposes, I endeavor myself to empower our faculty to realize their potential in research productivity, impact, and recognition and facilitate SEAS in the realization of its full potential as a world-class research hub. I also co-lead GW's Pod 3 for sponsored project administration which covers over 50% of the GW research activity, half of GW's total proposal applications, and manages 40% of the active research awards at GW.

The ISBF provides an excellent platform for scientists, researchers, and students in the biofabrication field. I have benefited a lot from the activities organized by ISBF. During the past years, I have participated in ISBF conferences and once run for the 2019 Board of Directors election. Through ISBF, I was very glad to interact with so many excellent colleagues from different universities all over the world and learn about their exciting research. The ISBF's 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. My interdisciplinary background and leadership experience will allow me to easily coordinate collaborations across different disciplines and interdisciplinary ISBF conference organizations. It is my honor to be nominated to serve as an ISBF Board of Director and would like to run for this position again to contribute to our society.