

國立清華大學第 19 屆新進人員研究獎得獎人簡介



醫工所萬德輝教授

萬教授於 2013 年返國加入本校生物醫學工程研究所，成立奈米光電暨生醫感測實驗室，主要研究方向為奈米材料在生醫工程領域之應用，包括開發低成本奈米生醫檢測平台、新穎奈米複合材料的性質與應用以及奈米自組裝塗層技術。萬教授過去的研究成果備受國際間肯定，目前已發表的國際期刊論文共計 23 篇，均發表在奈米材料領域之知名期刊(包括 ACS Nano、Advanced Functional Materials、Small 等)，且曾獲清華大學激勵優秀新聘助理教授獎勵、清華大學延攬及留住特殊優秀人才彈性薪資獎勵、清華大學第六屆工學院新進研究人員研究獎、105 年度李昭仁教授生醫工程年輕學者獎、第一屆立創光電盃應用論文競賽金質獎。

有幸能獲得清華大學新進人員研究獎的肯定，萬教授首先要感謝博士指導教授陳學禮博士及博士後指導教授 Dr. Younan Xia 的栽培，才能有機會貢獻所長。此外，特別感謝本校、工學院與醫工所提供優良的研究環境與資源，同仁們的提攜與照顧和科技部與環保署的研究經費支持。更要感謝優秀的研究生團隊，每一份卓越的成果，都來自於大家共同努力經營。更要感謝家人的支持，作為最溫暖而堅強的後盾。萬教授期許自己未來在清華，不論在教學、研究、服務方面，盡心盡力、作育英才，也期望能在奈米生醫材料領域有更出色的研究表現。

Assist. Prof. Dehui Wan received his B.S. (2003) in Chemistry and Ph.D. (2010) in Materials Science and Engineering from the National Taiwan University. Before joining Institute of Biomedical Engineering, National Tsing Hua University in 2013, he was a postdoctoral fellow with Dr. Younan Xia at the Department of Biomedical Engineering, Institute of Georgia Technology between 2011 and 2012. Prof. Wan's research integrates controlled synthesis, surface chemistry and optical behaviors of nanostructures to develop novel biosensor, photothermal therapy, and energy devices. He has authored twenty three peer-reviewed SCI journals on these topics and served on the program and organizing committees of few international conferences.

Besides, Dr. Wan would like to thank the university, College of Engineering, and Institute of Biomedical Engineering for providing such excellent research facilities as well as a wonderful atmosphere, and the colleagues for their help and guide. He also wishes to thank his graduate students for their outstanding work. In addition, he wants to appreciate his family who always support him and are there for him.