

Ya-Lin Fang

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OBJECTIVE	To secure a challenging position in the field of biotechnology	
EDUCATION	Stevens Institute of Technology , Hoboken, New Jersey Certificate of Advanced Manufacturing in Mechanical Engineering, Expected May 2015	
	Stevens Institute of Technology , Hoboken, New Jersey Master of Engineering in Materials Engineering, December 2014 GPA: 3.446	
	China Medical University , Taichung, Taiwan Bachelor of Science in Cosmeceutics, June 2011 GPA: 3.16	
	Course Work: Biomaterials (including Lab), Biomechanics, Advanced Biomaterials	
SKILLS	Laboratory Skills: Cell culture, electrospinning, MTS assay, PCR, Western Blot, confocal microscopy, FT-IR, UV-Vis-NIR spectra, HR-TEM, FE-SEM, and data analysis Software: Microsoft Office, Origin 6.0, Solidworks (fundamental), MATLAB (fundamental)	
CERTIFICATES	Food Biotechnology Program of University of Maryland, 2010 Certificate of Equipment Training in Spectra Max M2e, 2010 Certificate of Participation in the Inter-Science Education Program, 2009	
PROJECTS	China Medical University , Taichung, Taiwan Nano-Biomedical Materials and Nano-Cosmetics, Research Assistant, 02/2008 – 06/2011	
	<ul style="list-style-type: none">Reviewed, analyzed, summarized, and interpreted research data to Conduct an oral presentation in the Second International Symposium on Surface and Interface of Biomaterials (ISSIB-II)Composed a undergraduate thesis report: The Effect of Different Sugars on the Synthesis of Metal Nanoparticles, published by China Medical University, Nov 2010	
WORK EXPERIENCE	Stevens Institute of Technology , Hoboken, New Jersey Research Assistant	08/2014 – present
	<ul style="list-style-type: none">Fabricated porous spiral scaffold to mimic osteochondral implantElectrospun nanofibersUsed MTS, Western Blot, PCR, confocal microscopy, and histology to determine the efficacy of osteogenesis and chondrogenesis	
	Industrial Technology Research Institute , Hsinchu, Taiwan Internship in Biomedical Technology and Device Research Laboratories	06/2014 – 08/2014
	<ul style="list-style-type: none">Compiled and sorted information for researchStudied for the innovated medical devicesConducted research for appropriate formula of Class I medical devices	
	China Medical University , Taichung, Taiwan Part-Time Employee,	07/2008 – 09/2008
	<ul style="list-style-type: none">Prepared and key-in of documentsSorted and filed of textsAssisted faculty to prepare course materials	
	China Medical University Beigang Hospital , Yunlin, Taiwan Volunteer	03/2008 – 06/2008
	<ul style="list-style-type: none">Service consultationBlood pressure measurement	
AWARDS	Excellent Poster Award in the 2010 ISOMRM (2010 International Symposium of Materials on Regenerative Medicine)	
ACTIVITIES	Sound Control of Graduation Exhibit, Member of Cheerleader Team, Member of Women's Basketball Team, and Member of Chinese Music Club	