



# Curriculum Vitae

<b>Faculty Name:</b>	<b>Mingli Han</b>	<b>Work Address:</b>	P.O. Box 519; MS 2525 Prairie View, TX 77446
<b>Position Title:</b>	Lecturer I		
<b>Office Location:</b>	S. R. Collins Engineering 311		
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<b>Education:</b>	<b>Degree and Area of Study</b>	<b>Institution Name</b>	<b>Degree Date</b>
	Doctor of Philosophy in Mechanical and Aerospace Engineering	Nanyang Technological University, Singapore	2013
	Master of Science in Electrical and Electronic Engineering	Nanyang Technological University, Singapore	2006
	Bachelor of Engineering in Automation	Wuhan University of Technology, Wuhan, P.R. China	2003

<b>Teaching Experience</b>	<b>Position Title</b>	<b>Institution Name</b>	<b>Position Dates (Beginning and End)</b>
	Lecturer I	Prairie View A&M University	Sep. 2018 - present
	Adjunct Assistant Professor	Prairie View A&M University	Oct. 2016 - Aug.2018
	Graduate Teaching Assistant	Nanyang Technological University, Singapore	Aug. 2008 – Nov. 2010

<b>Professional Publications:</b>	
<b>1</b>	Akinyemi Dosumu, MingLi Han and Chang Duan, "A methodology to manage point cloud data for use in robotic applications", International Conference on Robotics and Automation Science, pp. 1-5, 2018
<b>2</b>	Ming Li Han, Yan Liang Zhang, Meng Ying Yu, Cheng Yap Shee and Wei Tech Ang, "No-Contact force sensing for real-time stressing of biological cells", Micro and Nano Letter, vol. 6, no. 5, pp.306-310, 2011
<b>3</b>	Yan Liang Zhang, Ming Li Han, Cheng Yap Shee and Wei Tech Ang, "Self-calibration method for vision-guided cell micromanipulation systems", Journal of Microscopy, vol. 233, no. 2, pp. 340-345, 2009
<b>4</b>	Yan Liang Zhang, Ming Li Han, Cheng Yap Shee and Wei Tech Ang, "Automatic control of mechanical forces acting on cell biomembranes using a vision-guided microrobotic system in computer microscopy", Journal of Microscopy, vol. 236, no. 1, pp. 70-78, 2009
<b>5</b>	Ming Li Han, Yan Liang Zhang, Cheng Yap Shee and Wei Tech Ang, "Real-time modeling and control of the circular cell membranes strain", IEEE International Conference on Robotics and Automation, pp. 4115-4120, 2011

6	Ming Li Han, Yan Liang Zhang, Meng Ying Yu, Cheng Yap Shee and Wei Tech Ang, "Development of zebrafish embryos under cyclic compressive deformation", International Conference on Food Engineering and Biotechnology, accepted, 2011
7	Ming Li Han, Yan Liang Zhang, Cheng Yap Shee and Wei Tech Ang, "Real-time stressing and force sensing on biological cells", IEEE International Conference on Nano/Molecular Medicine and Engineering, pp. 16-20, 2010
8	Ming Li Han, Yan Liang Zhang, Cheng Yap Shee and Wei Tech Ang, "Vision based cell strain modeling and control system", IEEE RAS/EMBS International Conference on Biomedical Robotics and Biomechatronics, pp. 698-703, 2010
9	Ming Li Han, Yan Liang Zhang, Cheng Yap Shee, Tet Fatt Chia and Wei Tech Ang, "Plant cell injection based on autofocusing algorithm", IEEE Conference on Robotics, Automation and Mechatronics, pp. 439-443, 2008
10	Ming Li Han, Yan Liang Zhang, Cheng Yap Shee and Wei Tech Ang, "Estimation of the cell deformation", International Conference on Intelligent Robotics and Application, vol. 5315, pp. 217-223, 2008
<b>Additional Trainings/Skills:</b>	
	MATLAB and Simulink
	LabVIEW
	Minitab
	C++