

South Plains College

Curriculum/Vitae

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Contact Information	Taek Hyun Jang				
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Education	From Month/Year	To Month/Year	Institution	Degree	Discipline
	01/2013	12/2015	Texas Tech University	M.S.	Statistics
	8/2001	12/2005	Texas Tech University	Ph.D.	Mechanical Engineering
	8/1999	5/2001	Texas Tech University	MS	Mechanical Engineering
List previous teaching and administrative duties relevant to higher education.	From Month/Year	To Month/Year	Institution/Company		
	1/2020	Present	South Plains College		
	Summary of duties: Adjunct instructor at Mathematics and Engineering				
	1/2016	12/2019	Texas Tech University		
	Summary of duties: Instructor at the Department of Mechanical Engineering				
	6/2006	6/2011	Texas Tech University		
	Summary of duties: Postdoctoral Research Associate (Biomechanics)				
Professional publications relevant to the academic positions held or teaching field;	Increasing pre-activation of the quadriceps muscle protects the anterior cruciate ligament during the landing phase of a jump: An in vitro simulation”, <i>The Knee</i> , Vol. 17, No. 3, pp. 235-241, 2010.				
	An alternative mechanism of non-contact anterior cruciate ligament injury during jump-landing: <i>In-vitro</i> simulation”, <i>Experimental Mechanics</i> , Vol. 47, No. 3, pp. 347-354, 2007.				
	Uncertainty analysis for biomechanical injury of cervical spine column”, <i>Proceeding of the ASME International Mechanical Engineering Congress and Exposition</i> , Vol. 2, pp. 545-551, 2009.				
	Designing against head injury while considering neck injury”, <i>Journal of Integrated Design & Process Science</i> , Vol. 11, No. 1, pp. 41-59, 2007				