



Chung-Hyun Goh

Assistant Professor

Biographical Sketch:

Dr. Goh joined the Mechanical Engineering faculty of UT Tyler in the Fall Semester of 2015. Prior to joining UT Tyler, he worked as a senior research associate in the Systems Realization Laboratory at the University of Oklahoma from 2012 to 2015. He worked for the Korean government after he received his Ph.D. degree at Georgia Institute of Technology in 2002. Dr. Goh's expertise and

interest include the areas of robotics, machine vision and control, and integrated design and manufacturing. He has over 50 peer reviewed publications, one book, two book chapters, and one US technical patent.

Dr. Goh received the Paralyzed Veterans of America Education Award (2017) and the Crystal Talon Outstanding Scholarship and Creativity of Faculty Award at UT Tyler (2017). He also received the Excellent Paper Award in the IASTEM conference 2018 and Papers of Distinction in the 43rd ASME DAC conference 2017.

Dr. Goh is a member of ASME, ASEE, and TMS and is currently serving as a faculty member of the Institute of Integrated Healthcare in East Texas and an editorial board member of the International Journal of Mechanical Engineering and Applications. He is also working as a faculty advisor for ASME Student association at UT Tyler. He served as the organizing committee member for the AI & IoT conference 2018 and the member of the Board of Directors in the Materials and Fatigue group in the Korean Society of Mechanical Engineers.

Research Interest:

Dr. Goh's research interest includes the areas of Robotics, Machine Vision and Control, as well as computer-aided integrated design and manufacturing. He is currently working on robotic medical device design, coronary stent design using shape memory alloys, and he is also involved in establishing the artificial intelligence-based framework of modeling and simulations in the areas of Robotics and Materials Science and Engineering.

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