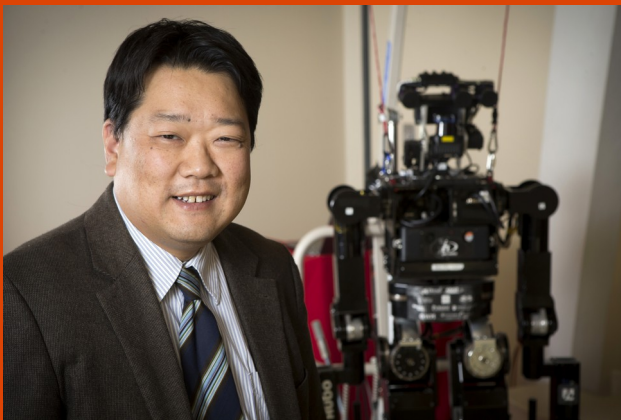


From Disaster Response to Consumer Robotics

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The lines between consumer electronics and consumer robotics is blurry. For example, at the annual Consumer Electronics Show (CES) in Las Vegas, the list of robotics companies exhibits has grown to over 400. Furthermore driverless cars, drones, exo-skeletons, 3D printers and virtual-reality systems are examples of robots that have a consumer focus. This talk highlights observations of this phenomena. This is given in the context of an Age of Acceleration characterized by deep learning, cloud-computing, and artificial intelligence. The talk serves to suggest pathways for roboticists and their design and development endeavors.



Paul Oh is the Lincy Professor of Unmanned Aerial Systems in the mechanical engineering department for the Howard R. Hughes College of Engineering.

He is establishing an unmanned autonomous systems laboratory at UNLV, complete with a fleet of drones and several humanoid robots.

From 2000 to 2014, he served as a mechanical engineering professor at Drexel University in Philadelphia and founded and directed the Drexel Autonomous Systems Laboratory (DASL).

Oh is the former program director for robotics at the National Science Foundation where he managed a portfolio that supported almost all robotics research in American universities. He has worked for Boeing, the Office of Naval Research and the NASA Caltech/Jet Propulsion Lab.

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