



WHERE'S WALL·E?



# Robots helping people...**in factories!**



Retrieving your purchases  
(Kiva Systems)



Building your cars



Packaging your food  
(Perfect Packaging)

# Robots helping people...in dangerous places!



Firefighting robot  
(Purdue Univ.)



On military missions  
(Boston Dynamics Wildcat)



In collapsed buildings  
(Aerial swarm robots, Penn Univ.)



On the road  
(Stanford winner "Stanley")



Underground  
(INspector Systems)



Underwater  
(Schilling Robotics)

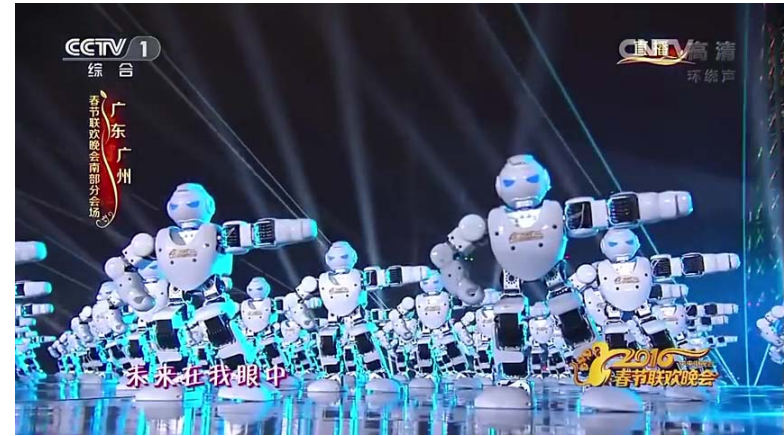


In space  
(NASA Robonaut)

# Robots helping people...to have fun!



Star Tours ride  
(Disneyland)



Chinese New Year festival



Robot soccer competitions



Playing music  
(Aerial swarm robots, Penn Univ.)



BB-8 robot  
(Sphero)



# Robots helping people...**to learn from nature!**



AmphiBot swimming snake  
(EPFL)



Robo Raven  
(Univ. of Maryland)



Actroid  
(Osaka University, Japan)



AquaJelly  
(Festo)



Gecko robot  
(Stanford University)

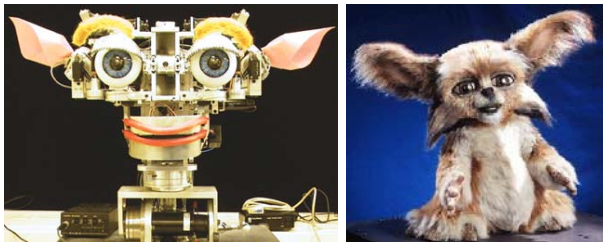


RoboFly  
(Harvard Univ., UC Berkeley)

# Robots helping people...**to engage with others!**



Social robots for developmental disorders  
(National Institute of Inform. and Comm. Tech., Japan)



Kismet and Leonardo  
(MIT Media Lab)



Social robots for autism

# Robots helping people...to care for themselves!



Robot Chef  
(Moley Robotics)



Feeding themselves  
(Kinova Robotics)



Vacuuming  
(Roomba, iRobot)



Assistive robot  
(Fraunhofer Inst., Germany)



Elder care  
(RIKEN, Japan)



Museum guide  
(Fujitsu)

# Robots helping people...to be healthy and happy!



SuitX Exoskeleton  
(US Bionics)



Robots for dementia therapy  
(Paro robot seal)



Prosthetic legs and feet  
(Otto Bock C-Leg)

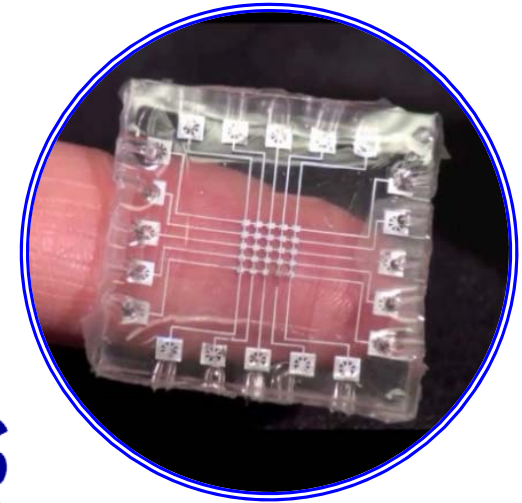
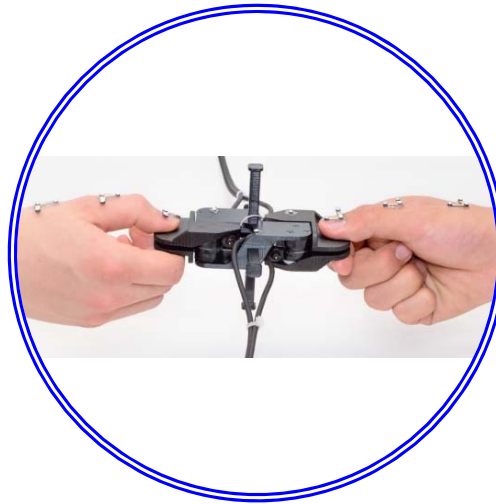


Prosthetic arms  
(Univ. of Pittsburgh)

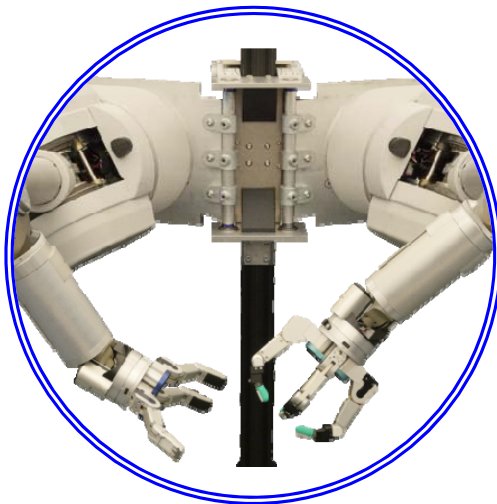


Surgical Systems  
(Intuitive Surgical, Inc.)





# **BIOMECHATRONICS** **LAB at UCLA**



CAREER #0954254/1461547  
 GARDE #1264444/1461630  
 NRI-Small #1208519/1463960