

**Darren Kinney**  
**Augsburger Komm Engineering, Inc.**  
**3315 E. Wier Avenue**  
**Phoenix, AZ 85040**  
**602-443-1060**  
**602-443-1074 fax**

## **EDUCATION**

Universal Technical Institute  
OSHA 500 Trainer  
Maricopa County Dust Control Trainer

## **EXPERIENCE**

3D Printing, milling parts for and assembly of mechanical parts, printed circuit board design, assembly and installation for robotic devices.  
Training regarding regulations in the construction industry, including dust control and OSHA 500. On-site inspections and investigations.

## **EXPERIENCE HISTORY**

3/19 -	Augsburger, Komm Engineering, Phoenix, AZ
10/11 to 3/19	SpringActive, Phoenix, AZ
4/07 to 10/11	CST Risk Management, Phoenix, AZ
3/93 to 4/07	Pearson's Sign Company & Norjan Associates, Phoenix, AZ

## **PATENTS**

2017 Joint torque augmentation system and method for gait assistance, U.S. Patent No. 9,662,262

## **BOOKS**

Sugar, TG, Fernandez, E, Kinney, D., Hollander, KW and RedKar, S, 2017, "Hesa, Hip Exoskeleton for Superior Assistance", Wearable Robotics: Challenges and Trends, Springer International Publishing, pages 319-323

## **INVITED TALKS**

2022 Hollander, KW, Martin, WP, Kinney, D, 2022, "PhenEx the Workplace Exo," Sunrise Rotary Club, Scottsdale, AZ, October 20.

## **JOURNAL PUBLICATIONS**

J15. Martin, WB, Boehler, A, Hollander, KW, Kinney, D, Hat, JK, Kuduo, JK, Sugar, TG, 2022, "Development and testing of the Aerial Porter Exoskeleton," Wearable Technologies, 3.

## **CONFERENCE PUBLICATIONS & PRESENTATIONS**

C29. Martin, BW, Boehler, A, Hollander, KW, Kinney, D, Hitt, JK, Kudva, J, Sugar, TG, 2020, "Aerial Porter Exoskeleton (APEX) for Lifting and Pushing," WeRob 2020, paper 50, October 13-16

C28. Hollander, KW, Cahill, N., Holgate, R, Churchill, RL, Clouse, PC, Kinney, D, Boehler, A, and Ward, J, 2014, "A Joint Torque Augmentation Robot (JTAR) for Ankle Gait Assistance, ASME IDETC 2014, DETC2014-35653, Buffalo, NY, August, 2014

C27. Hollander, KW, Cahill, N., Holgate, R, Churchill, RL, Clouse, PC, Kinney, D, Boehler, A, 2014, "A Passive and Active Joint Torque Augmentation Robot (JTAR) for Hip Gait Assistance, ASME IDETC 2014, Buffalo NY, August, 2014

221121