

## Department of Industrial and Systems Engineering

# Externally Funded Grants and Contracts Awarded 2021-2022

---

- **Dr. Ayca Erdogan**

***IBM Public Impact Award***

Co-PI with Kezban Yagci-Sokat (from SJSU Lucas Business School. This study aims to provide systematic understanding of labor trafficking and modern slavery in global supply chains and the impacts of various response types after potential labor trafficking and modern slavery incidents. Awarded \$ \$30,000.

- **Dr. Anil Kumar**

***Trust Transfer Across Mobility***

Kumar, AR (PI). (2021-2022), Sponsor-Honda Research Institute, Awarded \$82,192,

- **Dr. Louis Freund**

***Workshop: An Evidence-based Industry Perspective on STEM Education for the Future :***

Mohaddam Y, Freund L, and Demirkan H, Co-PI's (2021), NSF Grant to ISSIP (The International Society for Service Innovation Professionals), Awarded \$80,000.

- **Dr. Hongrui Liu**

***Test/Research Market Clearing Systems*** (2022)

ISO New England. Awarded \$25,000.

***Analytical Model for Traffic Congestion and Accident Analysis*** (2020-2021).

Mineta Transportation Institute (MTI Grant # 21-1100-5726), Awarded \$ 6,560.47

***Test/Research Market Clearing Systems*** (2021)

ISO New England, Awarded \$42,000.

- **Dr. Gaojian Huang**

***Adaptive Driving Style for Automated Driving*** (2021 – 2022)

Honda Research Institute USA. Awarded \$53,000)..

***Exploring the Effects of Individual Differences on Tactile Display Perception in Automated Vehicles*** (2021 – 2022

Mineta Transportation Institute Emerging Leaders Seed Grant – U.S. Department of Transportation, Awarded \$6,549).

***Investigating the Usability and Effectiveness of Public Transportation Technology in Older Adults during a Public Health Crisis*** (2021 – 2022)

Mineta Transportation Institute Emerging Leaders Seed Grant – U.S. Department of Transportation. Awarded \$6,547.

- **Dr. Yupeng Wei**

***Attention-based Data Analytical Models for Traffic Flow Prediction***, 2022

Mineta Transportation Institute, Awarded \$6,361,