
Externally Funded Grants and Contracts Awarded 2025

- **Dr. Yue (Lyla) Luo**

- **Demonstrating Mixed Reality and Edge Computing in Human-Robot Interaction and Collaboration Considering Human Factors**

- National Science Foundation (NSF). CISE MSI: RDP: IIS: HCC: (Co-PI; \$599,969). 2025-2028. PI/Co-PIs: Lin Jiang (PI), Lester Papa (Co-PI), Yue Luo (Co-PI), BEHIN ELAHI (Co-PI), Mahima Agumbe Suresh (Co-PI)

- **From Data to Diagnosis: Leveraging Large Language Models and Deep Learning for Alzheimer Detection and Risk Attribution**

- Healthy Americas Research Consortium (HARC) Grants. (PI & Co-PI; \$10,000). 2025-2026.
PI/Co-PIs: Yue Luo (PI), Guannan Liu (Co-PI), Gaojian Huang (Co-PI)

- **Dr. Gaojian Huang**

- **Exploring AI-Driven Approaches to Quantify and Mitigate Driver Distraction**

- U.S. Department of Transportation. (PI; \$80,000). 2026 – 2027.

- **From Data to Diagnosis: Leveraging Large Language Models and Deep Learning for Alzheimer Detection and Risk Attribution**

- Healthy Americas Foundation. (Co-PI; \$10,000). 2026 – 2027.

- **AI-Based Tactile Interfaces for Improved Safety and Wellbeing in Automated and Micro-Mobility Transportation A**

- American Honda Motor Company, Inc (Sole PI; \$100,000). 2025 – 2026.

- **Dr. Anil Kumar**

- **Development of Educational System of Systems model of Educational Setting, \$53,213, Honda Research Institute, 2025-2026**

- **Ad hoc Team Cooperation, \$66,353, Honda Research Institute, 2025 (PI).**

- **Respiratory Protection for Firefighters Responding to Wildland Fires, \$1,980,000 University of California Office of President, 2023-2025 (Co-PI).**