The objectives of the WRIST program are

- To engage high school computing technology teachers in cutting-edge research projects in wearable computing and related areas;
- To empower the participating teachers with pathways to translate their hands-on research experience and knowledge to their classrooms and
- To enhance the partnership among UNO computer science faculty, high school information technology teachers, and local industries to prepare K-12 students for future workforce demands.

The outcomes of the WRIST program:

- The project led to the establishment of a new Master of Science degree program in Computer Science Education (MS-CSE);
- This project nurtured the creation of a local ACM CSTA (Computer Science Teachers Association) chapter - the Metropolitan Omaha CSTA Chapter;
- The WRIST project has also established a close working relationship within the Metropolitan Omaha Area Schools (MOEC) districts; and
- The project placed a number of stepping stones for the teachers to garner deeper insights into computing technology education.

A Machine-Learning based Method for Evaluating Golf Chipping

This RET Project developed a wearable chipping analysis system that captures distinctive patterns between good and bad chip shots.

ML-based Classification of Traditional and Zero-Drop Running Shoes

The goal of this research is to classify footwear types using wearable sensors and machine learning algorithms.