

Computer Engineering

Project Title:

Wireless Wearable Motion Sensor for Use in Medical Care

Team Members:

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Area: Computer Engineering and Electrical Engineering

Sponsored by: *ITT/IPFW Center for Wireless Communications*

ITT/IPFW Center for Wireless Communications is requesting a wearable motion sensor system that can be used to wirelessly transmit and record signals with information about the motion of a person in need of medical care. The signals should carry enough information for the post analysis and possible characterization of movements. The wearable sensor system should be able to operate for long periods of time (possibly days) without the need to have the power supply replaced.