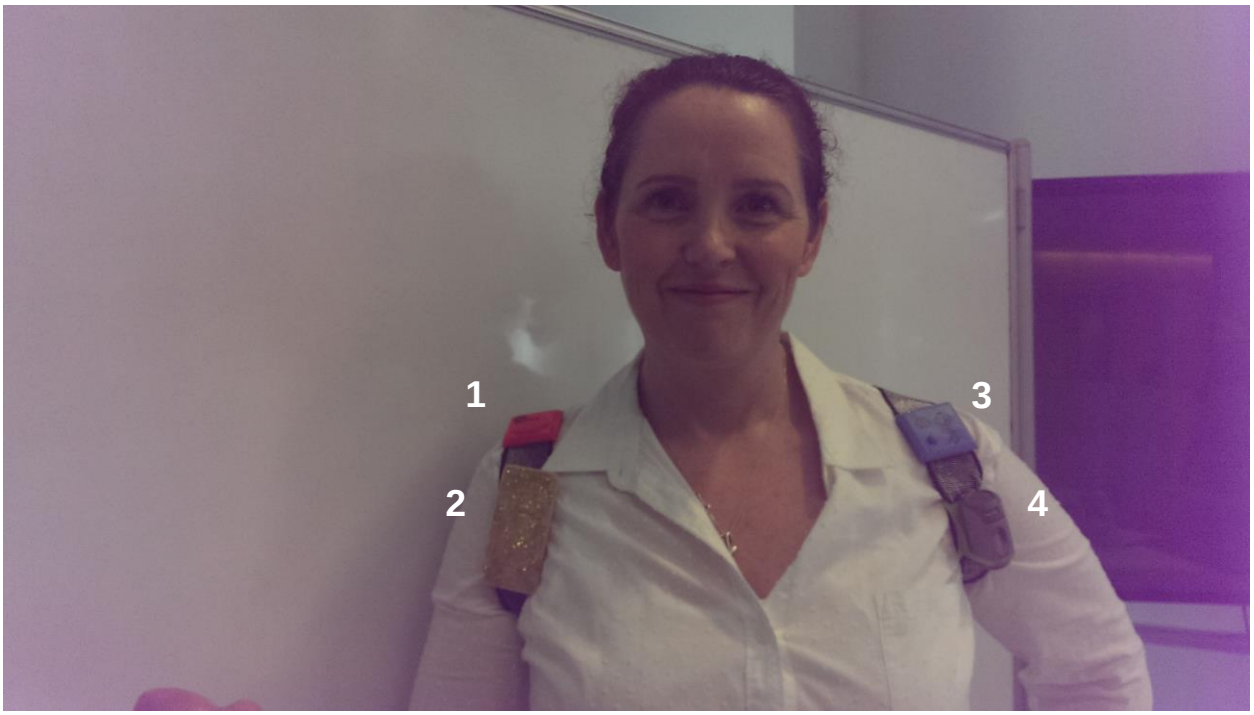
RunSafe

High Fidelity Prototype

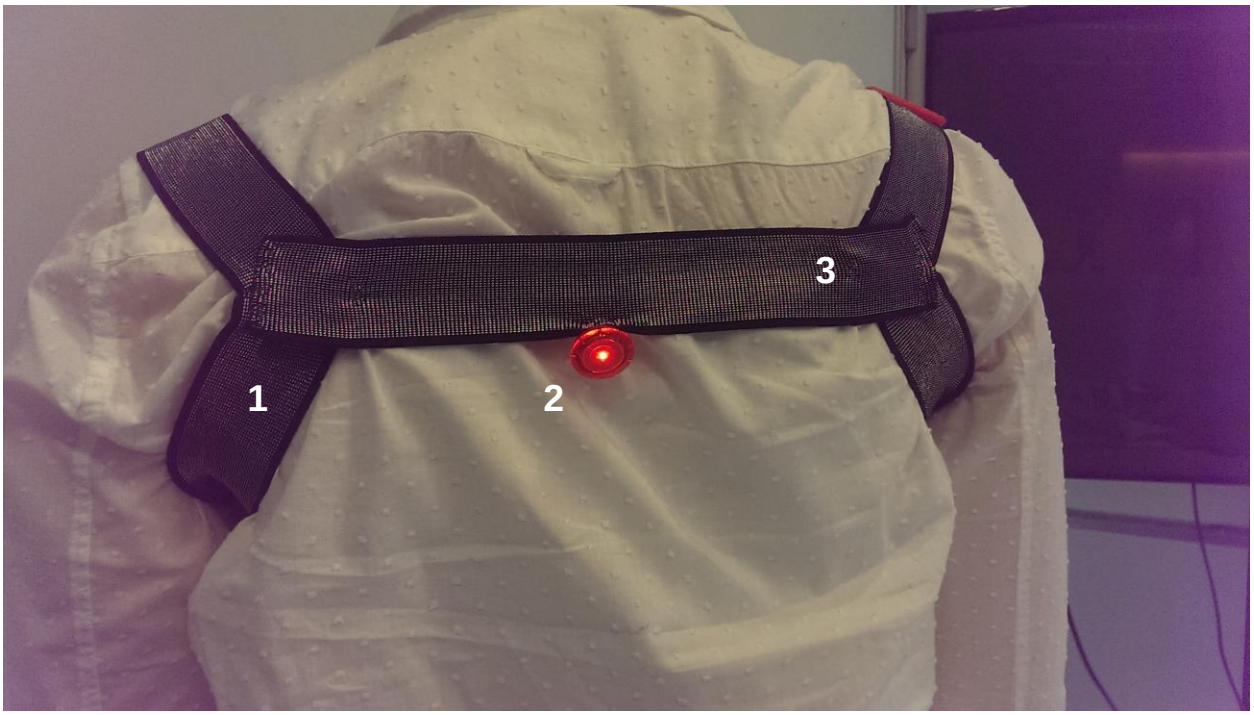
Outdoor physical activities can be difficult during the winter months because the days are significantly shorter and darker. Invisibility of the direct path and for runners from vehicle operators can feel unsafe and create a barrier to maintaining a healthy lifestyle. Our project is to develop a wearable technology that will light up your direct path for running outdoors.

Front View



1. Personal body alarm
2. 3D printed light which represents the actual location and size of the LED lights.
3. Bluetooth connected music controller
4. Live example of second light with LED that works

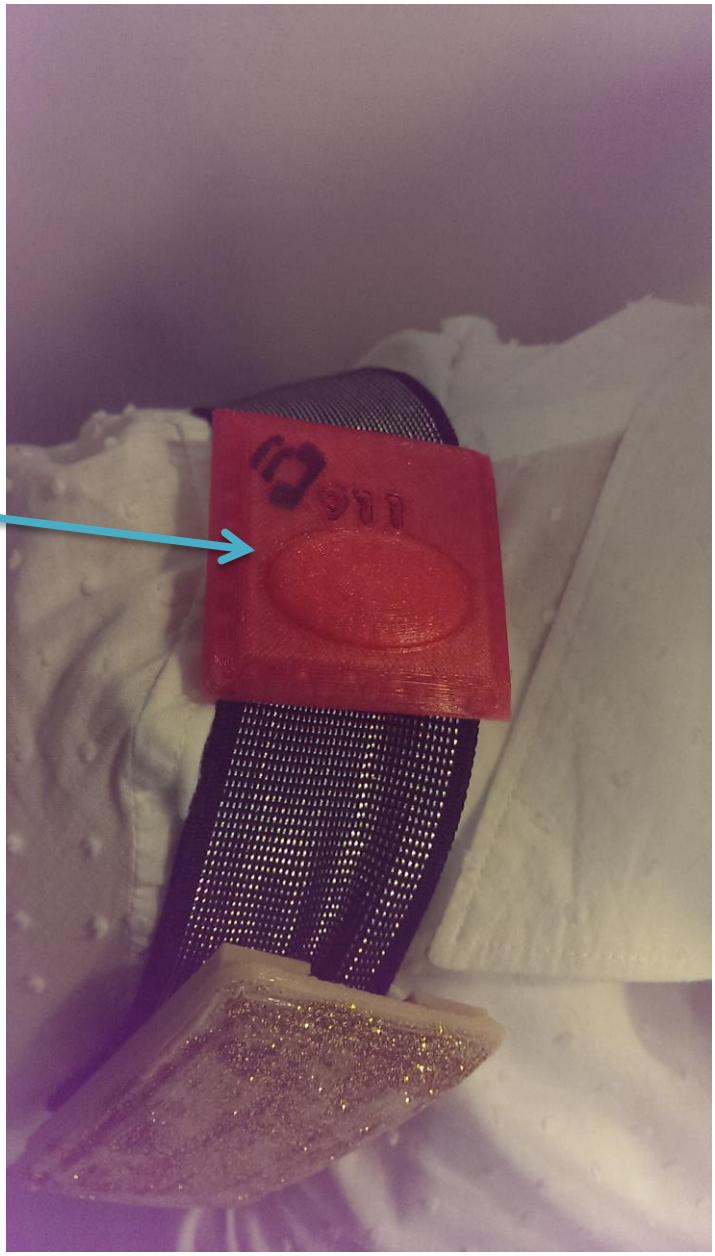
Back View



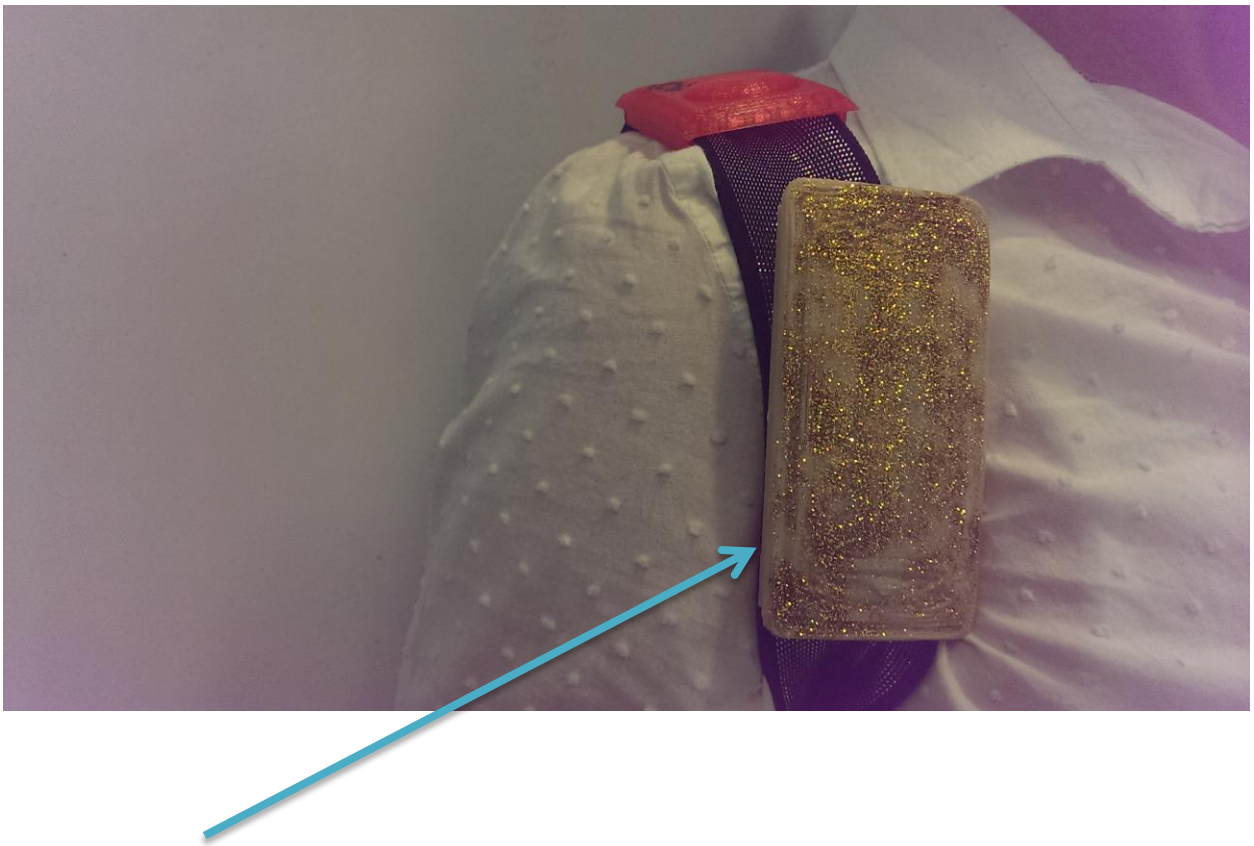
1. Elastic is reflective, washable, and moisture wicking.
2. Red LED on the back blinks continuously for safety.
3. Contour shape helps improve runners' posture and prevents the shrug from slipping off the shoulders and improves fit and stabilization.

Detail of Personal Body Alarm

LED Light that also acts as alarm button. Alarm can be pressed by hand or by chin in case of emergency

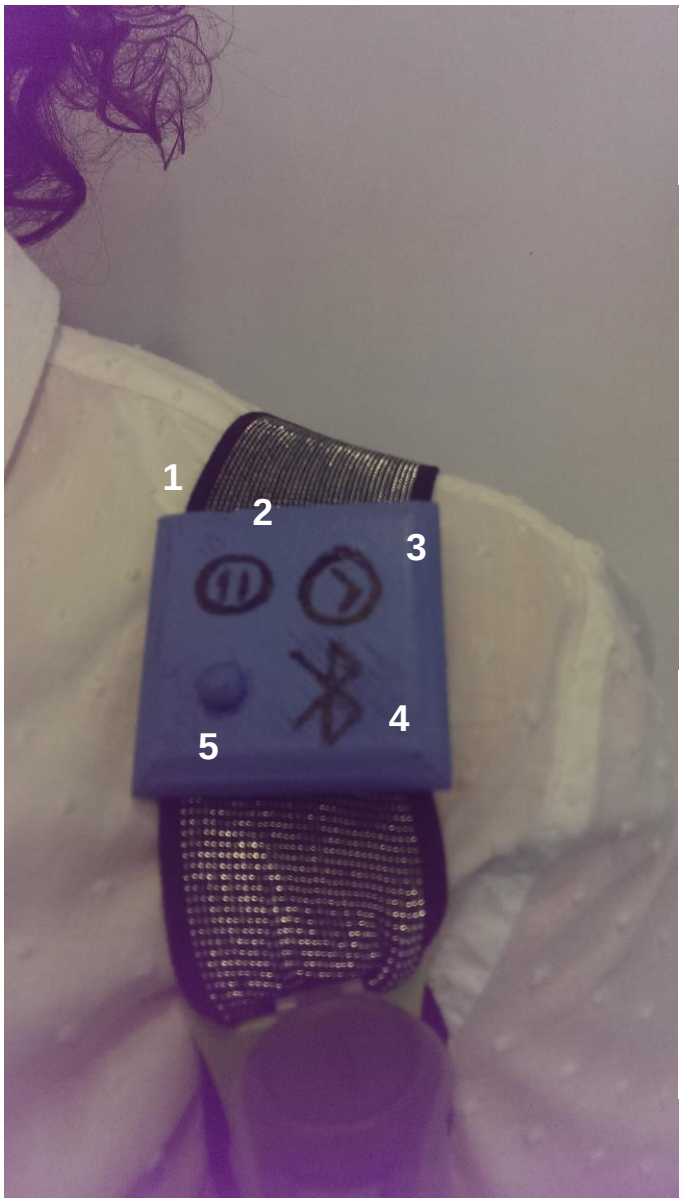


LED Light Detail



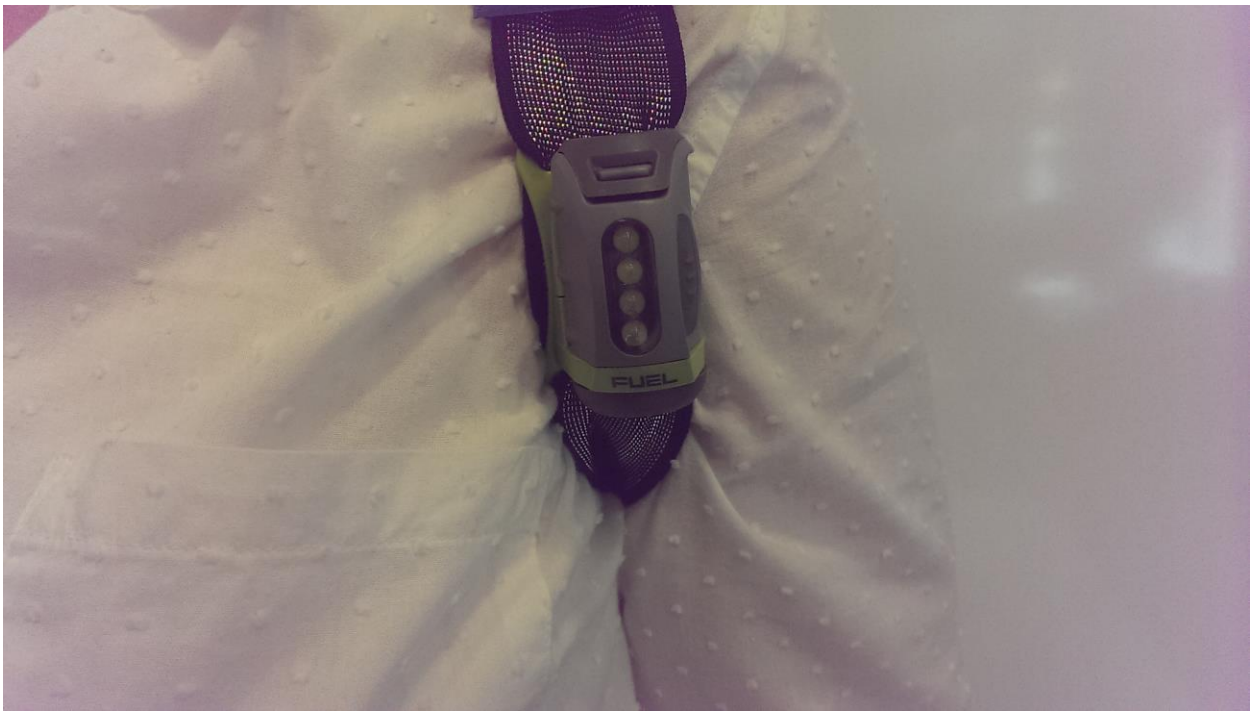
3D printed light which represents the actual location and size of the responsive, motion-stabilized, light-weight LED lights.

Detail of music controller



1. Headphone jack
2. Pause button
3. Play button
4. Bluetooth insignia which represents the sensor that pings IP address on cars in a 50 meter proximity and dims the lights and lowers the volume of the music.
5. On/off button

Detail of LED light



Working LED light represents the actual location and position of the responsive, motion-stabilized, light-weight LED lights.