

Title	Running Safety
Technical areas	Embedded systems, software, sensors, signal processing.
Customer's Project Description	<p>People jogging alone can often be in danger, especially young women. We would address this concern by using a concealed device which the runner wears in a concealed location, suggested inside a shoe, which senses when something is wrong and automatically sends a message to 911 or another specific individual with the GPS coordinates. This system will be a self-contained device not relying on the user's cell phone nor does it rely on a specific easily thwarted action such as yelling or pushing a button.</p> <p>The team will be responsible for determining how the device senses the runner's distress, including possibilities such as sensing abrupt changes in the runner's gait.</p>
Deliverables	A complete, fully-functional device with software, which is effectively and comfortably concealable and durable enough to fulfill its function throughout an extended running session.
Customer's Contact Information	<div>Alan Pisano</div> <div>apisano@bu.edu (617) 353 6264</div>
Customer's Supplied Items	None.