

# GHS Science Department News

January 2017

## The Bradycardia Bunch

(Sing along to the familiar TV show theme song)

Here's the story ... of a slowing heart rate ... when a person touches water that is cold.  
It's a way for ... the human body ... to slow down and try to stay alive.

Having previously determined that humans do exhibit diving bradycardia, students in biology tested temperature, apnea, and water to determine which is the proximate cause of diving bradycardia. Students held their breath, dunked their heads in cold water, or held cold compresses against their heads while having their heart rates measured and then compared these heart rates with normal resting heart rates.





