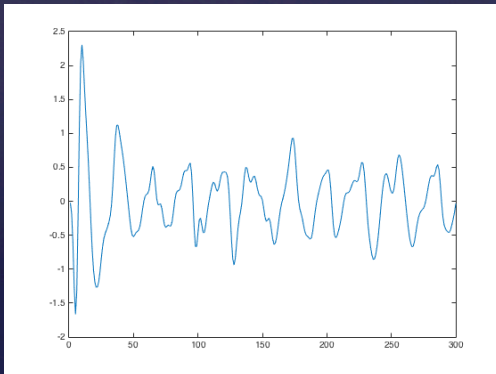


# #52 – Contactless Heart Rate Monitoring of Individuals after Exercise

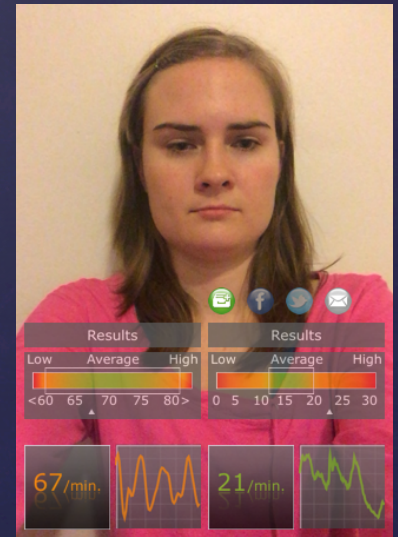
## By Jennifer Lake

- Exercise guidelines are based off of target heart rates
- How can people find their heart rates?
  - Wearable sensors
  - Taking pulse using watch
  - State-of-the-art Computer Vision
    - Eulerian Motion Magnification (MIT)
    - Eulerian Video Magnification (color) (MIT)



### Challenges

- Natural Lighting
- Sweat
- Blood pressure
- Increased motion from respiration
- Different camera set up



Poster Session:  
Wednesday 12/9