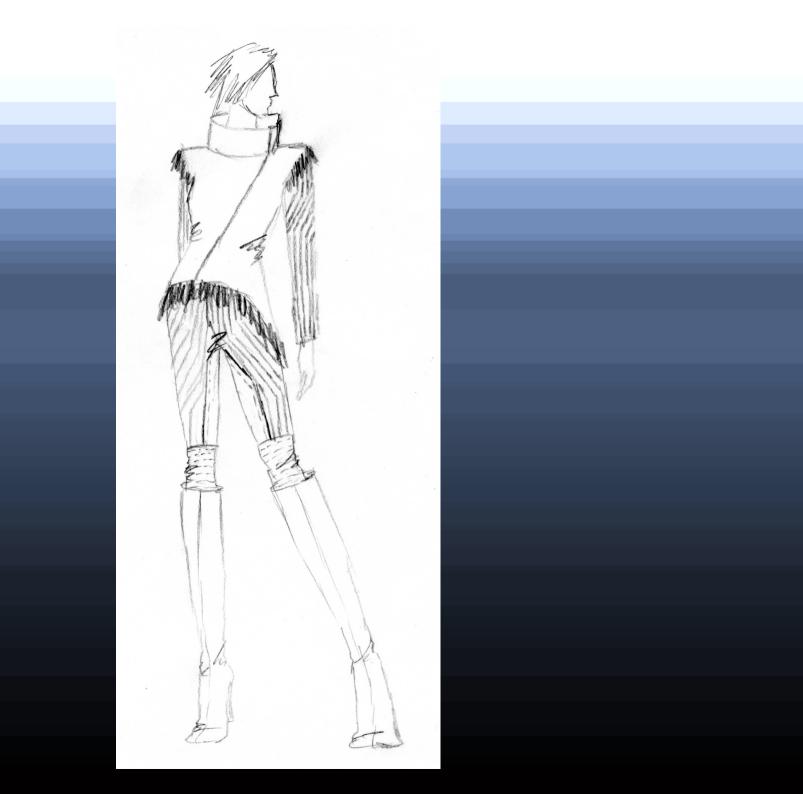
Final Project

Motion Response Garments

Jessica Frantal Spring 2014

Garments that Respond to the Wearer

- Much of my work revolves around using technology to create garments that respond to the experience of the wearer in a visual way
- I'm interested in interpreting this relationship from a pattern perspective



Function



Fabric Tilt Sensor

- Created using either
 etched copper
 taffeta or appliqued
 conductive stretch
 fabric
- Senses movement and orientation
- Translates movement
 of beads to a
 lighting pattern in
 the jacket

Exploration of Pattern

- Pattern is created on several levels
 - The patterns created by the wiring on the jacket and pants
 - The interactive pattern of lights triggered by the tilt sensors