

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 applied 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