**Project:**
Tumor on a Chip

**Goal:**
Produce a novel platform to measure various cellular outputs

**Approach:**
Use spectral sensors in the form of Near-InfraRed Spectroscopy (NIRS) and visible range (VIS) to measure the pH and Oxygen of the 3D tumor models during varying dosages of a drug delivery trial

**CSE Member Role:**
Program an Arduino to run the NIRS sensor

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*Figure. Sample NIR/VIS Spectral Sensor Breakout*