re:process

sempiternal practices in art & science

design.
iteration.
medium.
prototype.

experiment.
technique.
inquiry.

wonder.

The Atrium
French Family Science Center
Duke University

April 28th 4-7pm
DATE/TIME

LOCATION
Art | Science
“One way of thinking about hybrid labs...is in the negative: any lab that could give rise to someone saying ‘OK, but that’s not really a lab.’”

Foldscopes
Model Organisms

Image Date: 9/23, approx. 10 pm

- the initial state of things
- 7 flies
  - 2 curly, 1 white-eyed, 4 wild-type

- sharpie markings still intact (they rubbed off soon after)
- image taken soon after the tube was placed and put down

- this agitated them, they would react by crawling up towards the cotton

- when the tube was undisturbed for long periods, they tended to sit/walk around on the food
Fly Dissection
Slime Mold
Bio-Materials
Bio-Materials
Bio-Materials
 Speculative Instruments

“Battle not with monsters, lest ye become a monster, and if you gaze into the abyss, the abyss gazes also into you.” - Friedrich Nietzsche, Beyond Good and Evil

Inspired by the famous quote from German philosopher Friedrich Nietzsche, Gaze Into the Abyss is an installation proposal that reimagines the laboratory instrument microscope. A microscope is a laboratory instrument that allows us to see those that are unseen, and to help us unravel the mystery of the unknown so that we can better understand the world and ourselves. While we are obsessively trying to figure out what we want to see, the objects that are examined are also looking back at us. This re-imagination of the instrument wants to instead put us under the microscope and create a circuit of observation.
Speculative Instruments

**Instrumental design**

**Gel electrophoresis** results translated into notes

**Brief description**

A new invention that would read gel electrophoresis results as notes and play them. The reader of gel electrophoresis would use the same technology as a face reader on iPhones. It would have a ladder size incorporated within it that it could compare the results to, identifying the sized of DNA samples. The sizes in the ladder each correspond to particular notes. The lighter the sample the lower are the notes.