

Team Name

Team Logo (optional)

Academic Institution Name

Address

Team Lead Contact

Student Name

Email Address --- Academic Year / Academic Major

Team Members

(Please list ALL team members)

Team Member Name --- Role

Email Address --- Graduation Year / Academic Major

Team Member Name --- Role

Email Address --- Graduation Year / Academic Major

Team Member Name --- Role

Email Address --- Graduation Year / Academic Major

Team Member Name --- Role

Email Address --- Graduation Year / Academic Major

Team Member Name --- Role

Email Address --- Graduation Year / Academic Major

Add more team members if needed

Faculty Advisor

Name

Email Address

Phone Number

Faculty Advisor Signature

Date

1. Technical Section

Full Title of Experiment:

Short Name for Experiment:

Experiment Category (pick one): Sustainability or Bacteria Resistance

Science

Experimental Design

- a. Data

- b. Environmental Constraints

- c. Procedures

- d. Experiment Time Line

Experiment Build

- e. Materials

f. Manufacturing/Fabrication

g. Electrical

h. Estimated mass of experiment—do not include mass of container

i. Include a screen capture of a block diagram of the experiment

Safety Concerns

Does the experiment include or create any of the following?

Concern	Yes/No	Explanation
<p>Liquids, Gases, or other Hazardous materials <i>e.g. Liquid YPD medium</i> <i>Yeast extract powder (1%)</i> <i>Peptone powder (2%)</i> <i>Dextrose (2%)</i> <i>Distilled deionized water (95%)</i> <i>Indicate how hazardous materials will be contained</i> <i>*Note samples above a BSL 2 or TOX 2 are not allowed</i></p>		
<p>Wireless Devices <i>Ex: Wi-Fi, Bluetooth, infrared, data transmitters, etc. Describe device and frequency used</i></p>		

<i>*data transmissions must be contained within the NanoLab enclosure</i>		
High Voltages <i>Indicate voltage, its use and any expected protection devices</i> <i>*Any step up from the 5V USB power should be noted with both voltage and amperage</i>		
Electric or Magnetic Fields <i>*Will any be detectable from outside the Module enclosure?</i> <i>If so what is the expected field strength?</i>		
Lasers <i>Which class? Is the path securely contained?</i>		
Moving Parts <i>Do they make detectable noise?</i> <i>Or induce vibrations/shaking of the Module?</i>		
Flammable, explosive, radioactive, corrosive, magnetic or organic products		
Hot (above 50°C) parts <i>Include electronics that heat up</i>		

Does the experiment have any of the following concerns?

Concern	Yes/No	Explanation
Sensitive to light		
Sensitive to vibrations		

Sensitive to temperature		
Pressurized (what pressure level? And what containment method?)		
Any other potential safety concerns not previously addressed		

Technical References

2. Citizen Science and Outreach Section

Citizen Science Plan

Outreach Plan

3. Administrative Section

- a. Funding and Budget Statement

- b. Institutional Letter of Endorsement – Include a screen capture of the letter

- c. Statement of Supervising Faculty – Include a screen capture of the signed statement