

## **Procedure for Failed 3D Prints**

### **CNSI Innovation Workshop**

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### **Please Log All Jobs Before Starting Your Print**

### **Failing to Do So is a Violation of Innovation Workshop Policy**

There have recently been several issues with failed prints, and there has been some confusion on the procedure for handling them.

#### **Logging print jobs serves two purposes:**

1. **Payment:** It provides recharge information to cover the maintenance and material costs associated with each 3D printer. Due to the large number of users, the printers are used frequently and require regular material replacements and service. The recharge is necessary from a logistical standpoint to operate the printers.
2. **Contact Information:** In the event that anything goes awry during a job, the staff need a method to contact the user to alert them of the problem. It is extremely difficult to identify the user otherwise, and does not lead to a prompt and actionable solution

#### **Procedure for Logging Failed Print Jobs**

1. Ensure that the information has been logged before starting the print
2. Pause the print when the failure is noticed (If the lab staff observes a failing print, they will pause the print and consult the log to contact the user)
3. Fill out a new log entry. Include the following items:
  - a. Your name and contact information
  - b. An estimation of the time and material usage before failure
  - c. Make note of the failed print job in the comments section. Identify the printer and describe the failure
4. Send an email to Dave Bothman ([bothman@ucsb.edu](mailto:bothman@ucsb.edu)) to alert him of the issue
5. Make any necessary modifications to your .stl and print job files to correct for errors, if applicable.