

EQUIPMENT LIST

Each start-up company has a secure, dedicated laboratory (labs differ in size) with chemical benches, gas, air and vacuum supply, emergency power outlets, deionized water and a hazardous material refrigerator. Some labs also include chemical fume hoods, biosafety cabinets and separate office space.

Additionally, there are four shared laboratories in BiG: a wet/analytical lab, a prototyping lab/machine shop, a Class 10,000 clean room with a separate gowning area, and a media-prep room equipped with steam sterilizer.



THE WET/ANALYTICAL LAB INCLUDES*:

- EVOS FL Cell Imaging System
- Azure Biosystems c600 Imaging System
- NANOpure Diamond ultrapure water system
- Waters Delta 600 HPLC controller and pump
- Waters 2695 separations module
- Waters 2996 photodiode array detector
- Labconco FreeZone Triad freeze dry system
- PerkinElmer Enspire multimode plate reader
- Nikon Diaphot microscope with mercury lamp
- Nikon TMS microscope
- Primus steam sterilizer
- Sorvall Legend RT+ centrifuge
- ThermoScientific Revco refrigerator (x2)
- ThermoScientific Forma 900 series -80C freezer
- ThermoScientific Revco -20C freezer
- HeraCell 150I carbon dioxide incubator (x2)
- Nanodrop 2000 spectrophotometer
- UVP MultiDoc-It Imaging System
- ThermoScientific 1300 series biosafety cabinet (x2)
- ThermoScientific Q600 rotary shaker incubator
- ThermoScientific Heraeus Fresco 21 centrifuge
- ThermoScientific Nicolet 6700 FT-IR spectrometer
- ThermoScientific Safeaire II fume hood (x2)
- Techne TC-5000 thermal cycler
- Sorvall RC6+ centrifuge
- Genesys 10 UV-Vis spectrophotometer
- Banson 3510 sonicator
- Denver Instruments SI-234 analytical balance
- Mettler Toledo balance
- Ohaus Adventurer analytical balance
- Denver Instruments pH meter
- Fisher Scientific dry bath incubator
- Precision economy oven
- ProJet 3510 3D Printer



THE PROTOTYPING/MACHINE SHOP INCLUDES*:

- 20" floor drill press
- 36" X 16ga metal shear
- 24" X 16ga pan/box break
- 30" X 16ga slip roller
- 30" X 16ga seamer
- 16" open side panel sander
- 12" disk sander
- 20" scroll saw
- 12" band saw
- 15" spot welder
- 6" jointer
- 12" x 8" planer
- 6"x 4" hor/ver band saws (x2)
- Haas TM1 CNC mill (4 axis)
- Burke vertical/horizontal manual mill
- 9" x 30" Southbend lathe
- Boy 22m injection molding machine
- Megatron injection molder
- Epilog 24"x18" 50 watt laser
- HP 800 42" plotter/printer
- Panel saw
- SawStop cabinet saw
- Shopbot CNC router 96" x 48" x 6"
- Lincoln SP-175 Mig welder
- Oxy Acetylene torch
- Tippman 7 ton die cutter
- Instron Mini 55 Tensile Tester
- Tinius Olsen Stiffness Tester
- 10" tabletop drill press (x2)
- UV cure station 75 watt
- 24" X 36" granite surface plate
- Spindle sander
- Miller Diversion 180 TIG
- 6" X 18" wood lathe (x3)

** Not all equipment will be available. It may be moved at the discretion of Granite School District.*