Autoclave and Research Resource Facility

Facility Equipment

- **Amsco Century SG-120 Scientific Gravity Sterilizers**: Manufactured by Steris. Three Sterilizers are installed in autoclave rooms, S/N 0104601-12 (room DV4032), S/N 0105701-32 (room DV3027) and S/N 13209904 (DV2031). The touch screen control panel makes them easy to operate; Pre-designed 6 autoclave cycles for liquid and solid materials; temperature range 120-130°C; chamber capacity (WxHxD) 20X20X38”.

- **Milli-Q Reference Water Systems**: Autoclave room DV3027 and DV4032 each has one unit installed. The systems deliver Type 1 pure water customized to fit a broad range of research areas. Specifications: Resistivity 18.2 MΩ.cm at 25°C; TOC (Total Organic Carbon) ≤5 ppb; Particulates (> 0.22um) < 1 particulate/ml; Bacteria < 1cfu; RNase < 0.01 ng/ml; DNase < 4pg/ml; flow rate up to 2L/min.

- **Lab-ware Washer**: Located in DV4032. Manufacturer Labconco, Model SteamScrubber 4400320, under-bench. It has top and bottom racks that accommodate basket inserts for a wide variety of beakers and other wide-mouth laboratory glassware. An extra lower spindle rack for long cylinders and bigger bottles. Extra accessories include test tube holders for 10-13mm OD TB, test tube holders for 22-25mm OD TB and DNA sequencing plate inserts.

- **Ice Makers**: Hoshizaki ice maker of model F-450MAJ is located in DV4032. It has "snow" style flaked ice; maximum 493 lb production/24 hours; Ice bin capacity 230 lbs. Room DV3027 and 2031 each has one Manitowoc and one Hoshizaki ice maker, they have similar capacities of ice production and ice bin storage to Hoshizaki F-450MAJ.

- **Fisher Scientific Isotemp Oven**: Model 637G, located in DV4032. Temperature range 50 to 225°C; control sensitivity 0.5°C+/-; chamber size (WxDxH) 18x18x20”, chamber volume 3.8cu ft.

- **Fisher Isotemp Incubator Oven**: Model 350D, located in DV 3027. Temperature range 50-200°C; control sensitivity 0.5°C+/-; chamber size (WxDxH) 19x16x18”.