

Equipment in Biology					
Equipment	Contact person	Email	Phone	Location	Used for
Environmental Control Chambers	Willodean Burton	burtonw@apsu.edu	7778	SSC A133	maintain constant growth conditions
Leica Dissection Microscope	Willodean Burton	burtonw@apsu.edu	7778	SSC A133	viewing small organisms and structures
Inverted Phase Contrast Microscope w/ Fluorescence and Digital Camera	Sally Schiller or Karen Meisch	schillers@apsu.edu meischk@apsu.edu	6335	SSC B226	viewing cells, tissues and structures
Sorvall High Speed Centrifuge	Sally Schiller or Carol Baskauf	schillers@apsu.edu baskaufc@apsu.edu	6335 6334	SSC B211	centrifugation of cells and structures
Cell Sonicator	Sally Schiller	schillers@apsu.edu	6335	SSC B230	breaking open cells
CO2 Incubators	Sally Schiller or Gilbert Pitts	schillers@apsu.edu pittsq@apsu.edu	6335 7777	SSC B227	culturing cells and tissues
Thermocycler	Sally Schiller	schillers@apsu.edu	6335	SSC B231	polymerase chain reaction
Synergy HT Multi-mode microplate reader	Gilbert Pitts	pittsq@apsu.edu	7777	SSC B207	spectrophotometer for microplates
AB 7500 Sequence Detection System Real-time Thermocycler	Gilbert Pitts	pittsq@apsu.edu	7777	SSC B225	polymerase chain reaction in real time
Modulated chlorophyll fluorescence system	Jeff Lebkuecher	lebkuecherj@apsu.edu	6249	SSC C219	chlorophyll fluorescence measurement
Gradient 96-well thermocycler	Chad Brooks	brooksc@apsu.edu	6499	SSC D219	DNA/RNA amplifications
16-well thermocycler	Chad Brooks	brooksc@apsu.edu	6499	SSC D219	DNA/RNA amplifications
Temperature controlled microcentrifuge	Chad Brooks	brooksc@apsu.edu	6499	SSC D219	centrifugation 1.5-2 ml tubes

Microcentrifuge	Chad Brooks	brooksc@apsu.edu	6499	SSC D219	centrifugation 1.5-2 ml tubes
Single door air incubator	Chad Brooks	brooksc@apsu.edu	6499	SSC D219	culturing cells and tissues
Double door air incubator	Chad Brooks	brooksc@apsu.edu	6499	SSC D219	culturing cells and tissues
Nanodrop UV spectrophotometer	Chad Brooks	brooksc@apsu.edu	6499	SSC D219	detection/quantification of DNA/RNA/protein
UV spectrophotometer (w/ 500 ul quartz cuvettes)	Chad Brooks	brooksc@apsu.edu	6499	SSC D219	UV+visible spectra
40-well gel electrophoresis station	Chad Brooks	brooksc@apsu.edu	6499	SSC D219	DNA/RNA electrophoresis
80-well gel electrophoresis station	Chad Brooks	brooksc@apsu.edu	6499	SSC D219	DNA/RNA electrophoresis
6 protein gel electrophoresis station	Chad Brooks	brooksc@apsu.edu	6499	SSC D219	protein electrophoresis
3 protein transfer electrophoresis stations	Chad Brooks	brooksc@apsu.edu	6499	SSC D219	immunoblotting
Electroporator	Chad Brooks	brooksc@apsu.edu	6499	SSC D219	transformation experiments
SpeedVac	Chad Brooks	brooksc@apsu.edu	6499	SSC D219	removing volatile liquids from 1.5-2 ml tubes
ABI Thermocycler	Carol Baskauf	baskauf@apsu.edu	6334	SSC B209	DNA/RNA amplifications
Plant growth chamber	Carol Baskauf	baskauf@apsu.edu	6334	SSC B229	culturing plant cells and tissues