

Major Equipment Holdings: Chemistry and Biochemistry Department

<i>Item</i>	<i>Make</i>	<i>Model</i>	<i>Year Purchased</i>
Floor Centrifuge	Beckman	Beckman J2-21M	1986
Rotational Viscometer System	Haake	VT 500	1994
Light Scattering Detector	Wyatt	Mini-Dawn	1995
Accelerated Weathering Tester	Q-Fog	QUV/se	2000
FT-IR Spectrometer w/ATR	Nicolet	Nexus-470	2000
Raman Spectrometer	Raman Systems	R-2001	2000
Cyclic Corrosion Tester	Q-Fog	CCT-600	2000
AFM with Tapping and materials packages	PNI	Nano-R	2000
Langmuir-Blodgett troughs (3)	KSV instruments	Mini-Trough	2000
UV-Vis spectrophotometer (2)	Jasco	V530	2001
60-MHz NMR (2)	Anasazi	EFT	2002
Karl-Fischer Titrator	Brinkmann	701 KF	2002
Gel Imaging Station	Bio-Rad	Gel Doc Transilluminator	2002
X-ray Fluorescence Spectrometer	Oxford	Twin-x	2003
Spectrofluorometer	JASCO	FP-6500	2003
Rheometer	TA instruments	AR2000	2003
UV-Vis spectrophotometer	Jasco	V-550 - multi-cell changer and temperature control	2003
Scanning Tunneling Microscope	Nanosurf	EasyScan E – STM	2003
FPLC	Bio Rad		2003
Biopotentiostat	CH instruments	Q760B	2004
DNA synthesizer	Applied Biosystems	392	2004
Color Analysis System	Datacolor	Mercury	2004
Fluorescence Microscope	Olympus	BX60	2004
AFM	Asylum	MFP-3D	2004
Floor Incubating shaker	New Brunswick	C25 KC	2004
Incubator/Shaker countertop	New Brunswick	I 24	2004
Spectrofluorometer	Bio-Tek	Bio-Tek Power wave with Fluorescence Reader	2004
Differential Scanning Calorimeter	TA instruments	Q-1000	2005
Thermogravimetric Analysis	TA instruments	Q-500	2005
Dynamic Mechanical Analysis	TA instruments	Q-800	2005
Digital polarimeter	Rudolph		2005
FT-IR with ATR attachment	Nicolet	380	2005
GC MS Head-Space Analysis System	Agilent	6890 GC - 5973N MSD/DS	2005
Raman Spectrometer	DeltaNu	Advantage 785	2005
Bomb Calorimeter (2)	IKA	C-200 isoperboil calorimeter	2005
Laminar Flow Hood			2005
Contact angle instrument	KSV Instruments	CAM 101	2006
Surface Tensiometer (2)	KSV Instruments	Sigma 703D	2006
Floor Centrifuge	Beckman	Avanti J-E	2006
Ocean Optics Spectrometers (~30)	Ocean Optics	Visible and UV-Vis, High resolution and Low resolution	2006
Nanodrop Spectrometer	Nanodrop		2007
Atomic Absorption Spectrometer	Varian	AA240FS	2008
Floor Centrifuge (high speed)	Beckman	Avanti J-30i	2008
Refrigerated Microfuge	Beckman		2008
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Confocal Laser Scanning Microscope	Olympus	Fluoview 1000 (inverted with Ti:Sapphire)	2008
FT-NMR	Bruker	Avance 300 MHz BioSpin	2009
Gel Imaging Station	Bio-Rad	Gel Doc XR SY	2009
FT-IR with ATR attachment	Nicolet	iS10	2010
Surface Tensiometer	KSV Instruments	Sigma 703D	2010
Ultrafreezer, -70C	Thermo	Revco Ultima Plus	2011
60-MHz NMR (2)	Anasazi	EFT	2012
FT-IR Spectrometer w/ATR	Perkin Elmer	Spectrum 100	2012
FT-IR with ATR attachment	Nicolet	iS10	2013
FT-IR with ATR attachment (2)	Nicolet	iS5	2013
Gas Chromatographs (2)	Hewlett-Packard	GC 7820	2013
STM/AFM	Park	Xe-70	2013
Spectrofluorimeter	Horiba	Fluorolog	2013
HPLC	Agilent	1220 Infinity	2013
Differential Scanning Calorimeter	Mettler Toledo	PolyDSC	2013
FT-NMR	Bruker	Avance III HD 400 MHz	2013
HPLC	Agilent	Infinity 1260 DAD	2013
UV-Vis Spectrophotometer (2)	Agilent	Cary 100	2013
60-MHz NMR (2)	Anasazi	EFT	2013
Stopped Flow Apparatus	Applied Photophysics	RX 2000	2013
GC (2)	Agilent	7820	2013
Flash Chromatography System	CombiFlash	RF 200	2013
Raman Spectrometer	Thermo/Nicolet	DXR SmartRaman	2014
Mantis low volume liquid dispenser	Formulatrix	Mantis	2014
Magnetic Susceptibility Balance	LJL Technologies	MSB MK1	2014
BET Analyzer	Quantachrome Inst.	Monosorb	2014
Dynamic Light Scattering Instrument	Wyatt Technologies	DynaPro NanoStar	2014

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OSCILLOSCOPE	TEKTRONIX	DP03052	2014
FLAME PHOTOMETER	COLE PALMR	02655-90	2014
GAS CHROMATOGRAPH	AGILENT	7890A	2014
MINI PHOTOCHEM REACTOR	RAYONET	RMR-600	2014
PURGE GAS GENERATOR SYS	PARKER	75-45 FTIR	2014
LIQUID TRANSMISSION ACCESSORY	PIKE	MID-IR FALCON BASE	2014
MICROWAVE SYNTHESIZER	BIOTAGE	INITIATOR PLUS	2015
MELTING POINT APPARATUS	STANFORD	MPA160	2015
CENTRIFUGE	EPPENDORF	5810	2015
ROTOVAP	HEIDOLPH	THE COLLEGIATE G5	2016
PARTICLE COUNTER	NEWSTAR	GT-321	2016
CENTRIFUGAL MIXER	THINKY	AR-100	2016
CELL IMAGING UNIT	BIOTEK	CYT5MFA	2016
ROLLER CULTURE APPARATUS	WHEATON	W348924-A	2016
ULTRASONIC HOMOGENIZER	QSONICA	SONICATOR Q-125-110	2017
SPECTROMETER	TSI	NANOSCAN 391000	2017
ELECTRONIC DISPENSER	EPPENDORF	REPEATER E3X	2017
SPECTROPHOTOMETER	AGILENT	CARY 60 UV-VIS	2018
HEADSPACE SAMPLER	AGILENT	G4556A-7697A	2018
GAS CHROMATOGRAPH AGILENT	AGILENT	G3440B	2018
WATER SAMPLER	SEABIRD SCIENTIFIC	SBE 55 ECO	2018
SONICATOR	Qsonica	Sonicator 125W 110V	2019
FREEZER	VWR	Freezer Ultra-Low Temp	2019
CENTRIVAP DNA CONCENTRATOR	PYRAZINE NUCLEIC ACIDS & BEYOND	CENTRIVAP DNA CONCENTRATOR	2019
NANODROP 2000 W/LAPTOP	PYRAZINE NUCLEIC ACIDS & BEYOND	NANODROP 2000 W/LAPTOP	2019