

List of Equipment Available in the Discovery Centers (shared core laboratory) at the University of North Texas Health Science Center (<http://web.unthsc.edu/DiscoveryCenters>). Updated 10/30/2018

CBH-201- A 740 sq. ft. lab space equipped with a fume hood, eye wash, sink for hand washing and a self-closing door restricting access to only permitted personnel.

- Eppendorf 5810R refrigerated centrifuge with rotors for 1.5ml, 2.0ml, 15ml and 50ml tubes
- Fisher Scientific Centrifuge™ Centrifuge
- Hettich MIKRO 200 Benchtop Centrifuge with 30-place fixed angle rotor
- Lauda Brinkman Circulator RM6 (waterbath capable of <-20°C to 100°C)
- Baxter Scientific Products Multi-Blok™ Heater
- Streamline® PCR Cabinet
- BioRad MiniOpticon 48-well real-time PCR system
- Eppendorf Mastercycler gradient thermocycler
- FisherBiotech UV Crosslinker FB-UVXL-1000
- UVP BioDoc-it imaging system
- Fisher Isotemp CO₂ incubator with decontamination cycle, x2
- Jouan IG050 stacked Water Jacketed Incubator
- L+R Ultrasonics PC3 bath sonicator
- Mettler Toledo AG204 analytical balance
- Ohaus model NV1101 balance with 1100g maximum
- Olympus 1X70 inverted fluorescence with Lumenera 2-5C digital camera for phase contrast and Epi-fluorescence imaging along with 7 fluorescence filters
- HPLC System: Varian Prostar 230 delivery module, Shimadzu UV-VIS detector SPD-10A, Baseline Chromatography Data System, and Pharmacia LKB FRAC-100 fraction collector
- Labconco Purifier Delta Series Class II Biosafety Cabinet
- Fisher Hamilton SafeAireII 54L Laboratory Fume Hood
- BioTek Synergy H1 Hybrid Multi-Mode Microplate Reader with Take3 plate for reading samples as low as 2µl
- Molecular Devices SpectraMax Gemini Fluorescence Microplate Reader
- New Brunswick Science AC-48 autoclave/sterilizer
- Continental S2R-GD Double Glass Door Stainless Steel Chromatography Refrigerator
- Forma ULT 8523 -86 degree C Double door Ultra-low Freezer
- Kenmore upright freezer
- Fisher Scientific Isotemp Digital Stirring Hotplate with temperature probe
- Fisher Scientific accumet AB Benchtop pH Meter with probe stirrer and Conductivity/TDS/Resistivity and Salinity probe
- Corning Stirrer Scholar stir plate
- New Brunswick Scientific Bio Dancer
- Fiske 110 Osmometer
- Bio-Tek ELX405R plate washer
- Drummond Pipet-aid and 0.5-1000µl pipettes
- Thermo Scientific Heratherm OGS60 drying oven
- Microwave

RES-208- A 365 sq. ft. lab space equipped with a fume hood, eye wash, sink for hand washing and a self-closing door restricting access to only permitted personnel.

- Eppendorf 5424 centrifuge with rotor for 1.5ml and 2.0ml tubes
- Beckman J2-21M induction drive refrigerated centrifuge with rotors 50ml and 250ml tubes
- VWR Galazy Mini microcentrifuge
- Precision 280 Series waterbath
- Precision Model 25 shaking waterbath
- VWR hotplate with stirrer
- Thermo Scientific Precision incubator
- Labnet mini incubator I 5110
- NuAire DH autoflow CO2 air jacketed incubator
- Scout Pro balance
- Nikon TE2000-U Inverted Microscope with Retiga EXi Camera System for Nomarski DIC & Epi-Fluorescence imaging with 3 fluorescence filters
- Nikon phase contrast 2 ELWD 0.3 microscope
- NuAire Biosafety Cabinet Class II type A/B3
- Fume Hood
- Molecular Devices SpectraMax 340pc microplate reader
- Molecular Devices SpectraMax Gemini XS Fluorescence Microplate Reader
- Meso Scale Discovery Sector imager 2400 microplate imager
- Amersham Biosciences Ultrospec 2100pro 8 place spectrophotometer
- Fridgidaire Refrigerator/Freezer
- Thermo Electron Corp Ultra-Low Freezer
- Thermo Scientific Prion 329 pH meter
- Biorad Gene PulserXcell electroporation system
- Fotodyne Foto/WL 26 white light transilluminator
- Bellco Glass Inc. Autoblots micro hybridization oven
- Labnet reciprocal 30 plate rotator
- Accublock Digital Dry Bath
- Stat Fax 2600 Automated Plate Washer
- Microwave
- Drummond Pipet-aid