

Facility	Location	Responsibility	Regular Users	Service Contract	Usage Costs
Core Facilities					
2 Autoclaves / 2 Dishwashers	ND12.140	Wray/Blount	Entire Department Yin, Thomas, Kamm/Stull, Bezprozvanny	Labor Only, \$1140 x 4 = \$4,560	
Imaging Core	ND13.110	Sun/Yin		Yin Provides for Confocal Only	See Dr. Yin
Prep Room 12th Floor	ND12.410, 430, 300	Millen	12th Floor (see link)	Some Equipment	
Prep Room 13th Floor	ND13.420	Jiang	13th Floor (see link)	Some Equipment	
Dark Room Developer (Kodak 100A)	ND13.206A	Liu	Entire Department	\$2,562	
Copiers	ND12.105/ND13.105	McElyea	Entire Department	Rented Only \$2,628 / \$3,322	
Website (Intra and Internet)	The ether...	McElyea / Tom Sutton	Entire Department Plus	None	
Sub Core Facilities					
Optima Table top Ultracentrifuge	ND12.300	Muallem	Muallem, Blount	\$1,630.23	
Molecular Dynamics Storm, Phos-Imager	ND13.202	Stull	Stull, Yin, Liu, Thomas Tansey, Bezprozvanny, Liu, Kamm/Stull, Thomas, Yin	\$6,365	
Real time PCR (ABI Prism 7900HT)	ND13.208	Liu		\$6,564	
IsoCyte	ND12.300A	Bezprozvanny	Tansey, Bezprozvanny		\$200 / hour
Histo Core	ND12.300A	Tansey	Tansey, Thomas	None	
Surgical Suite in NG	NG2.110B	Tansey	Tansey, Bezprozvanny	None	
Behavior Core in NG (animal procedures)	NG2.118	Tansey	Tansey, Bezprozvanny	None	
Stereoinvestigator	ND13.108	Tansey	Tansey, Bezprozvanny	Tansey/Bezprozvanny provide	

Microscope Imaging Facility:

-Zeiss Axiovert 135 (Digital Microscope Workstation 1)
AxioCam MRm Cooled B/W camera
Microscope and Camera Control Software Axiovision Image Analysis software

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No service contract
Camera shutter does not work.
Location: ND13, 110A

-Zeiss Axiovert 35 (Digital Microscope Workstation 2)
-Photometrics Quantix CCD camera
-Microscope and camera control software on Powermac

Helen Yin to view GFP or RFP overexpression only. No service contract
Location: ND13, 110A

-Zeiss LSM510 (NLO Ready) Confocal Microscope
-Lasers: AR laser 458/488/514 nm, Hene laser 543 nm,
Hene laser 633 nm for confocal fluorescence microscopy,
Coherent MiraX/Vverdi lasers for multiphoton microscopy.

Helen Yin In good conditions. Dr. Yin pays \$25,800 for two years service contract.
User: This microscope were used widely by physiology researchers and
other department users.
Dr. Stull lab*, Dr Yin Lab*, Dr. Ilya*, Dr. Tomas, Dr. Muallem, Dr. Demartino
Dr. Higemann, Dr. Tansy. * used most. Location: ND13, 110B

-Light microscope: Zeiss Axiovert 100
-Comprehensive Physiology software on Pentium III500/100

In good conditions. Location: ND13, 110A, no service contract

-Microinjection Apparatus

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-Zeiss carbon dioxide and heating control environmental warm
stage for live cell imaging

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-Hardcopy devices:
-Tektronics Phaser 840
-Kodak XLS 8650 PS Thermal Sublimation Printer

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Tissue Processor
Paraffin embedding
Microtome to section
Cryostat

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Stereotaxic frame
ventilator
injectors

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Digigait
Beamwalk
Rotarod

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Facility	Location	Equipment	USERS	Service Contract		
Gel Imaging et al	ND12.410	Beckman LS 6500 Multi-purpose scintillation counter (S#767973)	Thomas, Muallem	2343		
		BioRad Gel Doc 1000	Blount, Thomas, Muallem	0		
		BioRad Mol Image system GS-525		0		
		Alpha Innotech Gel Documentation	Blount, Thomas, Hiesinger, Muallem	0		
		Typhoon	Demartino, Thomas, Kamm/Stull	8120		
		Centrifuges	ND12.430	Beckman Avanti J-25	Blount, Thomas, Muallem	1443
				Beckman Avanti J-25	Blount, Thomas, Muallem	1371.76
				Beckman Avanti J-25	Blount, Thomas, Muallem	1371.76
				Beckman Avanti J-26 XP	Blount	1735
				Beckman J2-21	Blount, Thomas	will go off contract due to obsolescence
XL-90 Ultracentrifuge				1659		
Scotsman Ice Machine	Department			0		
Branson Sonifier 450	Thomas			0		
New Brunswick Series 25 Incubator Shaker	Thomas, Muallem			0		
Innova 4300 New Brunswick Incubator Shaker	Thomas, Muallem			0		
New Brunswick C25 Incubator Shaker	Thomas, Muallem	0				
Innova 44 New Brunswick Incubator Shaker	Blount, Thomas	0				
Innova 44 New Brunswick Incubator Shaker	Blount, Thomas	0				

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EQUIPMENT

Centrifuge Beckman J2-21
Centrifuge Beckman J6-B
Centrifuge Avanti J-26XP
Shaking Incubator C25KC
Shaking Incubator C24
Freezer -80 Backup
Freezer -20 Backup
Scintillation Counter Beckman LS6500
Sonicator, Polytron
Liquid Nitrogen
Ice Machine
Sigma-Aldrich Fridge/Freezer
Savan

USERS

Kamm/Stull
Kamm/Stull

Departmental
Departmental
Kamm/Stull
Kamm/Stull
Kamm/Stull
Departmental
Departmental Purchases

CONTRACT

no/ obsolete
yes/ \$1500/yr
yes/ \$1735/yr

yes/ \$2343/yr

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Autoclave Rules of Use:

- 1) **Sign up:** It may be necessary to find you if there is a problem with the load. Your load will be removed if you are not signed up.
- 2) **Double bag your waste:** this will prevent leakage into the autoclave and trash can.
- 3) **Use a autoclave tray for all loads:** We have costly repairs due clogged pipes. This includes tape from dry loads. Make sure your tray is the right size and will not over flow. (tray should be metal or polypropylene if not they will melt!!)
- 4) **Autoclave your own waste bags:** Do not leave un-autoclaved biohazard bags in this room! They are usually forgotten and they stink up the room. Do not leave them in the floor of this room. They get put in the trash when they are not autoclaved.
- 5) **Clean up after yourself!!!!** If a mess is left we will find you and make you clean it up anyway.
- 6) **Wait a few min before putting your waste in the trash:**
The liners in the trash can will melt when the hot waste hits them.
- 7) **If you have Questions ASK someone!!!!**

Contacts: **Robin Wray ND12.504 X56007**
Paul Blount ND 12.502A X56014

Dishwasher Rules of Use:

- 1) **remove tape of any kind** before placing it in this dishwasher!
- 2) **Rinse** to remove any solids
- 3) **Arrange glass** so it will not break when it is being washed
- 4) **Clean up after yourself!** For example: your own broken glass and tape out of the bottom of this dishwasher.

If these rules are not followed then the dishwashers will clog causing expensive repairs and down time

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