

## 2007-08 SERVICES AND RATES:

User Rates for Core Instrumentation Facility Services are as follows:

INSTRUMENT TYPE/INSTRUMENT	LOCATION	INTERNAL RATE	EXTERNAL EDUCATIONAL RATE	EXTERNAL COMMERCIAL RATE
<b>MICROSCOPY</b>				
<b>(5) Confocal Microscopes</b>				
Leica SP2 Confocal Microscope	1003 Keen Hall	25.00/hr	80.15/hr	109.68
Atto Pathway HT High Throughput Automated Confocal Microscope	1002 Keen Hall	25.00/hr	69.13/hr	94.61/hr
Zeiss 510 Confocal Microscope	1004 Keen Hall	25.00/hr	39.89/hr	54.60/hr
Meridian Insight Point Confocal Microscope	1006 Keen Hall	10.00/hr	21.89/hr	29.95/hr
Yokogawa Confocal Microscope	1004 Keen Hall	25.00/hr	49.44/hr	67.66/hr
<b>(2) Dissection Microscopes</b>				
(2) Leica MZIII Stereo Fluorescence Dissection Microscopes	1006 Keen Hall	5.00/hr	11.44/hr	15.65/hr
<b>(3) Robotic Systems</b>				
(1) Biomek FX Fluid Handling Robot	1016 Keen Hall	--		
(2) Biotek Precision 2000 8-tip Mini Robot	1005 Keen Hall	--		
<b>(1) Scanning Electron Microscope</b>				
(1) Hitachi TM-1000 Tabletop Scanning Electron Microscope	1006 Keen Hall	25.00/hr	95.78/hr	131.07/hr
<b>(5) Microtomes for Sample Sectioning</b>				
(2) Leica Ultracut T with Cryosectioning System	1015 Keen Hall	10.00/hr	20.06/hr	27.46/hr
(1) Microm 500 OMV Cryostat	1005 Keen Hall	5.00/hr	12.20/hr	16.70/hr
(1) Hacker 5030 Microtome	1016 Keen Hall	5.00/hr	8.39/hr	11.49/hr
(1) EMS5000 Oscillating Tissue Slicer (Vibratome)	1005 Keen Hall	5.00/hr	8.35/hr	11.43/hr
<b>(1) Image Analysis Station</b>				
(1) MCID Elite	1015 Keen Hall	5.00/hr	11.53/hr	15.78/hr
(1) Amira	1004 Keen Hall			
(1) Imaris Bitplane	1005 Keen Hall			
<b>(1) Gene Gun</b>				
(1) BioRad PDS1000/He Biolistic Gene Gun	1005 Keen Hall	4.00/hr	8.74/hr	11.96/hr
<b>(1) Macro Luminescence System</b>				
(1) Stanford Photonics "Mouse House" Luminescence Imager	1015 Keen Hall	PENDING		
<b>(1) Laser Ablation System</b>				
(1) Arcturus XT Laser Capture Micro-dissection System	1005 Keen Hall	PENDING		
<b>(1) Plate Reader</b>				
Victor 2 Plate Reader (fluorescence and absorbance)	1016 Keen Hall	5.00/hr	13.16/hr	18.00/hr

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<b>PROTEOMICS</b>					
<b>Protein Sequencing</b>					
	Mass Spectrometer: Q-TOF	1018 Keen Hall	139.97/unit	379.72/unit	505.66/unit
	Mass Spectrometer: A-STAR XL (min. 1 hr)	1018 Keen Hall	10.00/hr	53.72/hr	80.56/hr
	LC-MALDI Prep	1018 Keen Hall	99.73/unit	225.36/unit	260.81/unit
<b>Electrophoresis</b>					
	2D-gel Electrophoresis	1018 Keen Hall	10.02/unit	28.47/unit	42.08/unit
<b>Consultation</b>					
	Training and Consultation Services	1019 Keen Hall	10.18/hr	70.14/hr	103.15/hr
<b>BIOINFORMATICS</b>					
<b>Server/Software Access</b>					
	Registered Access (open access infrastructure due to		1000/yr/lab		
	Access to Software	1007 Keen Hall	30/hr		
	Server/Workstation, CPU Usage	1007 Keen Hall	2/day		
	GB Storage	1007 Keen Hall	5/GB/mo		
<b>Consultation</b>					
	Bioinformatics Services/Workshops – Duration <1 week	1008 Keen Hall	24/hr		
	Bioinformatics Projects – Duration 1-2 weeks	1008 Keen Hall	18.hr		
	Bioinformatics Projects – Duration > 2 weeks	1008 Keen Hall	12/hr		
<b>GENOMICS</b>					
	Labor Charge		7.92/hr	8.40/hr	11.50/hr
<b>Genomics</b>					
	Tube - Reactions + DNA Seq. (Plasmids & PCR products)	2016 Keen Hall	6.30/unit	6.68/unit	9.15/unit
	Tube - DNA Seq. only (Investigator does reactions/ cleanup)	2016 Keen Hall	3.03/unit	3.21/unit	4.40/unit
	Plate - Reaction + DNA Seq.	2016 Keen Hall	3.88/unit	4.12/unit	5.63/unit
	Plate - DNA Seq. only (Investigator does reactions/cleanup)	2016 Keen Hall	2.86/unit	3.03/unit	4.15/unit
	Plate - Project rate (min. of 10/month) Reaction + DNA Seq.	2016 Keen Hall	242.88/plate	257.28/plate	352.32/plate
	Plate - Project rate (min. of 10/month) - DNA Seq. only	2016 Keen Hall	161.28/plate	170.88/plate	234.24/plate
	Plate - Plasmid prep + DNA Seq. (1-direction per plate)	2016 Keen Hall	437.76/plate	464.64/plate	635.52/plate
	Plate - Plasmid prep + DNA Seq. (2-directions per plate)	2016 Keen Hall	710.40/plate	753.60/plate	1031.04/plate
	Plate - Project rate (min. of 10/month) Plasmid prep + DNA Seq., 1-direction	2016 Keen Hall	348.48/plate	369.60/plate	505.92/plate
	Plate – Project rate (min. of 10/month) Plasmid prep + DNA Seq., 2-direction	2016 Keen Hall	545.28/plate	578.88/plate	792.00/plate
	Plate - Project rate (min. of 10/month) Plasmid prep + DNA Seq. (1-direction, 0.5x BigDye reaction)	2016 Keen Hall	223.68/plate	237.12/platte	324.48/plate

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<b>GENOMICS (cont.)</b>					
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	Plate - Project rate (min. of 10/month) Plasmid prep + DNA Seq. (2-directions, 0.5 x BigDye reaction)	2016 Keen Hall	300.48/plate	318.72/plate	435.84/plate
	Plate – Project rate (min. of 10/month) Plasmid prep only	2016 Keen Hall	231.36/plate	245.76/plate	336.00/plate
	GeneMapper Workstation	2016 Keen Hall	1.31/hr	1.39/hr	1.90/hr
<b>Robotics</b>					
	QPIX, colony picking or gridding applications (min. 1 hr)	2012 Keen Hall	7.92/hr	8.40/hr	11.50/hr
	Multimek 96 fluid robot (min. 1 hr)	2016 Keen Hall	3.96/hr	4.20/hr	5.75/hr
	Fusion Microtiter Plate Fluorometer (min. 1 hr)	2016 Keen Hall	2.66/hr	2.82/hr	3.86/hr
<b>Imaging</b>					
	Typhoon Fluorescence Imagen (min. 1 hr)	2016 Keen hall	3.29/hr	3.49/hr	4.78/hr
	Array Making and Scanners (4000B, ScanArray Express)	2014 Keen Hall	7.92/hr	8.40/hr	11.50/hr
<b>Gene Expression</b>					
	Q-PCR (MYQ, iQ5, ABI 7700)	2016 Keen Hall	6.68/hr	7.09/hr	9.70/hr
	Affymetrix GeneChip Full Service with 1-cycle Synthesis	2014 Keen Hall	268.22/sample	284.58/sample	389.46/sample
	Affymetrix GeneChip Full Services with 2-cycle Synthesis	2104 Keen Hall	304.72/sample	323.31/sample	442.45/sample
	Affymetrix GeneChip Partial Serv., Hybridization & Scanning	2104 Keen Hall	96.88/sample	102.79/sample	140.67/sample
	Affymetrix Workstation	2104 Keen Hall	1.31/hr	1.39/hr	1.90/hr
	Bioanalyzer	2014 Keen Hall	49.88/run	52.92/run	72.43/run
	BMG Microtiter Plate Luminometer (min. 1 hr)	2016 Keen Hall	2.66/hr	2.82.hr	3.86/hr
	Imagene Workstation (min. 1 hr)	2016 Keen Hall	1.31/hr	1.39/hr	1.90/hr
<b>DNA and Protein Quantification</b>					
	Nanodrop Spectrophotometer (min. 1 hr)	2016 Keen Hall	1.31/hr	1.39/hr	1.90/hr
<b>Flow Cytometry and Cell Sorting</b>					
	Analysis in Flow Cytometry or Cell Sorting with BD FACSAria	1014 Keen Hall	60.00/hr	63.66/hr	87.12/hr
	Training in Flow Cytometry	1014 Keen Hall	56.88/hr	60.35/hr	82.59/hr
<b>Fragment Analysis</b>					
	Gene Scan Setup	2016 Keen Hall	14.32/unit	15.19/unit	20.79/unit
	DNA Fragment Analysis (Microsatellites and SSCPs), (Investigator does PCR rx)	2016 Keen Hall	1.51/unit	1.60/unit	2.19/unit

### Billing

Billing for hands-on training sessions is the same as for regular use, but may be in small groups with other users when demand is high.