### 2007-08 SERVICES AND RATES:

User Rates for Core Instrumentation Facility Services are as follows:

<table>
<thead>
<tr>
<th>INSTRUMENT TYPE/INSTRUMENT</th>
<th>LOCATION</th>
<th>INTERNAL RATE</th>
<th>EXTERNAL EDUCATIONAL RATE</th>
<th>EXTERNAL COMMERCIAL RATE</th>
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<tbody>
<tr>
<td><strong>MICROSCOPY</strong></td>
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<tr>
<td>(5) Confocal Microscopes</td>
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<tr>
<td>Leica SP2 Confocal Microscope</td>
<td>1003 Keen Hall</td>
<td>25.00/hr</td>
<td>80.15/hr</td>
<td>109.68/hr</td>
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<tr>
<td>Atto Pathway HT High Throughput Automated Confocal Microscope</td>
<td>1002 Keen Hall</td>
<td>25.00/hr</td>
<td>69.13/hr</td>
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<tr>
<td>Zeiss 510 Confocal Microscope</td>
<td>1004 Keen Hall</td>
<td>25.00/hr</td>
<td>39.89/hr</td>
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<tr>
<td>Meridian Insight Point Confocal Microscope</td>
<td>1006 Keen Hall</td>
<td>10.00/hr</td>
<td>21.89/hr</td>
<td>29.95/hr</td>
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<tr>
<td>Yokogawa Confocal Microscope</td>
<td>1004 Keen Hall</td>
<td>25.00/hr</td>
<td>49.44/hr</td>
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<tr>
<td>(2) Dissection Microscopes</td>
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<td>(2) Leica MZIII Stereo Fluorescence Dissection Microscopes</td>
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<td>5.00/hr</td>
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<td>(3) Robotic Systems</td>
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<tr>
<td>(1) Biomek FX Fluid Handling Robot</td>
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<tr>
<td>(2) Biotek Precision 2000 8-tip Mini Robot</td>
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<tr>
<td>(1) Scanning Electron Microscope</td>
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<tr>
<td>(1) Hitachi TM-1000 Tabletop Scanning Electron Microscope</td>
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<td>25.00/hr</td>
<td>95.78/hr</td>
<td>131.07/hr</td>
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<td>(5) Microtomes for Sample Sectioning</td>
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<tr>
<td>(2) Leica Ultracut T with Cryosectioning System</td>
<td>1015 Keen Hall</td>
<td>10.00/hr</td>
<td>20.06/hr</td>
<td>27.46/hr</td>
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<tr>
<td>(1) Microm 500 OMV Cryostat</td>
<td>1005 Keen Hall</td>
<td>5.00/hr</td>
<td>12.20/hr</td>
<td>16.70/hr</td>
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<td>(1) Hacker 5030 Microtome</td>
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<td>5.00/hr</td>
<td>8.39/hr</td>
<td>11.49/hr</td>
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<td>(1) EMS5000 Oscillating Tissue Slicer (Vibratome)</td>
<td>1005 Keen Hall</td>
<td>5.00/hr</td>
<td>8.35/hr</td>
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<td>(1) Image Analysis Station</td>
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<td>(1) MCID Elite</td>
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<td>(1) Amira</td>
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<td>(1) Imaris Bitplane</td>
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<td>(1) Gene Gun</td>
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<td>(1) BioRad PDS1000/He Biolistic Gene Gun</td>
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<td>4.00/hr</td>
<td>8.74/hr</td>
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<td>(1) Macro Luminescence System</td>
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<td>(1) Stanford Photonics “Mouse House” Luminescence Imager</td>
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<td>PENDING</td>
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<td>(1) Laser Ablation System</td>
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<td>(1) Arcturus XT Laser Capture Micro-dissection System</td>
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<td>(1) Plate Reader</td>
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<tr>
<td>Victor 2 Plate Reader (fluorescence and absorbance)</td>
<td>1016 Keen Hall</td>
<td>5.00/hr</td>
<td>13.16/hr</td>
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<td>INSTRUMENT TYPE/INSTRUMENT</td>
<td>LOCATION</td>
<td>INTERNAL RATE</td>
<td>EXTERNAL EDUCATIONAL RATE</td>
<td>EXTERNAL COMMERCIAL RATE</td>
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<td><strong>PROTEOMICS</strong></td>
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<td>Protein Sequencing</td>
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<td>Mass Spectrometer: Q-TOF</td>
<td>1018 Keen Hall</td>
<td>139.97/unit</td>
<td>379.72/unit</td>
<td>505.66/unit</td>
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<td>Mass Spectrometer: A-STAR XL (min. 1 hr)</td>
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<td>10.00/hr</td>
<td>53.72/hr</td>
<td>80.56/hr</td>
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<td>LC-MALDI Prep</td>
<td>1018 Keen Hall</td>
<td>99.73/unit</td>
<td>225.36/unit</td>
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<td><strong>Electrophoresis</strong></td>
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<td>2D-gel Electrophoresis</td>
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<td>10.02/unit</td>
<td>28.47/unit</td>
<td>42.08/unit</td>
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<td><strong>Consultation</strong></td>
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<td>Training and Consultation Services</td>
<td>1019 Keen Hall</td>
<td>10.18/hr</td>
<td>70.14/hr</td>
<td>103.15/hr</td>
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<td><strong>BIOINFORMATICS</strong></td>
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<tr>
<td>Server/Software Access</td>
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<tr>
<td>Registered Access (open access infrastructure due to 1000/yr/lab)</td>
<td>1007 Keen Hall</td>
<td>30/hr</td>
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<td>Access to Software</td>
<td>1007 Keen Hall</td>
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<td>Server/Workstation, CPU Usage</td>
<td>1007 Keen Hall</td>
<td>5/GB/mo</td>
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<td>GB Storage</td>
<td>1007 Keen Hall</td>
<td>5/GB/mo</td>
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<td><strong>Consultation</strong></td>
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<tr>
<td>Bioinformatics Services/Workshops – Duration &lt;1 week</td>
<td>1008 Keen Hall</td>
<td>24/hr</td>
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<td>Bioinformatics Projects – Duration 1-2 weeks</td>
<td>1008 Keen Hall</td>
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<td>Bioinformatics Projects – Duration &gt; 2 weeks</td>
<td>1008 Keen Hall</td>
<td>12/hr</td>
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<td><strong>GENOMICS</strong></td>
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<tr>
<td>Labor Charge</td>
<td>2016 Keen Hall</td>
<td>7.92/hr</td>
<td>8.40/hr</td>
<td>11.50/hr</td>
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<tr>
<td><strong>Genomics</strong></td>
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<tr>
<td>Tube - Reactions + DNA Seq. (Plasmids &amp; PCR products)</td>
<td>2016 Keen Hall</td>
<td>6.30/unit</td>
<td>6.68/unit</td>
<td>9.15/unit</td>
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<tr>
<td>Tube - DNA Seq. only (Investigator does reactions/ cleanup)</td>
<td>2016 Keen Hall</td>
<td>3.03/unit</td>
<td>3.21/unit</td>
<td>4.40/unit</td>
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<tr>
<td>Plate - Reaction + DNA Seq.</td>
<td>2016 Keen Hall</td>
<td>3.88/unit</td>
<td>4.12/unit</td>
<td>5.63/unit</td>
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<tr>
<td>Plate - DNA Seq. only (Investigator does reactions/cleanup)</td>
<td>2016 Keen Hall</td>
<td>2.86/unit</td>
<td>3.03/unit</td>
<td>4.15/unit</td>
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<tr>
<td>Plate - Project rate (min. of 10/month) Reaction + DNA Seq.</td>
<td>2016 Keen Hall</td>
<td>242.88/plate</td>
<td>257.28/plate</td>
<td>352.32/plate</td>
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<tr>
<td>Plate - Project rate (min. of 10/month) - DNA Seq. only</td>
<td>2016 Keen Hall</td>
<td>161.28/plate</td>
<td>170.88/plate</td>
<td>234.24/plate</td>
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<tr>
<td>Plate - Plasmid prep + DNA Seq. (1-direction per plate)</td>
<td>2016 Keen Hall</td>
<td>437.76/plate</td>
<td>464.64/plate</td>
<td>635.52/plate</td>
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<tr>
<td>Plate - Plasmid prep + DNA Seq. (2-direcitions per plate)</td>
<td>2016 Keen Hall</td>
<td>710.40/plate</td>
<td>753.60/plate</td>
<td>1031.04/plate</td>
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<td>Plate - Project rate (min. of 10/month) Plasmid prep + DNA Seq., 1-direction</td>
<td>2016 Keen Hall</td>
<td>348.48/plate</td>
<td>369.60/plate</td>
<td>505.92/plate</td>
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<td>Plate – Project rate (min. of 10/month) Plasmid prep + DNA Seq., 2-direction</td>
<td>2016 Keen Hall</td>
<td>545.28/plate</td>
<td>578.88/plate</td>
<td>792.00/plate</td>
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<td>Plate - Project rate (min. of 10/month) Plasmid prep + DNA Seq. (1-direction, 0.5x BigDye reaction)</td>
<td>2016 Keen Hall</td>
<td>223.68/plate</td>
<td>237.12/plate</td>
<td>324.48/plate</td>
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<tr>
<td>INSTRUMENT TYPE/INSTRUMENT</td>
<td>LOCATION</td>
<td>INTERNAL RATE</td>
<td>EXTERNAL EDUCATIONAL RATE</td>
<td>EXTERNAL COMMERCIAL RATE</td>
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<td>Genomics (cont.)</td>
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<td>Plate - Project rate (min. of 10/month) Plasmid prep + DNA Seq. (2-directions, 0.5 x BigDye reaction)</td>
<td>2016 Keen Hall</td>
<td>300.48/plate</td>
<td>318.72/plate</td>
<td>435.84/plate</td>
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<tr>
<td>Plate – Project rate (min. of 10/month) Plasmid prep only</td>
<td>2016 Keen Hall</td>
<td>231.36/plate</td>
<td>245.76/plate</td>
<td>336.00/plate</td>
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<td>GeneMapper Workstation</td>
<td>2016 Keen Hall</td>
<td>1.31/hr</td>
<td>1.39/hr</td>
<td>1.90/hr</td>
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<tr>
<td>Robotics</td>
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<tr>
<td>QPIX, colony picking or gridding applications (min. 1 hr)</td>
<td>2012 Keen Hall</td>
<td>7.92/hr</td>
<td>8.40/hr</td>
<td>11.50/hr</td>
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<tr>
<td>Multimek 96 fluid robot (min. 1 hr)</td>
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<td>3.96/hr</td>
<td>4.20/hr</td>
<td>5.75/hr</td>
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<td>Fusion Microtiter Plate Fluorometer (min. 1 hr)</td>
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<td>2.66/hr</td>
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<td>3.86/hr</td>
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<td>Imaging</td>
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<tr>
<td>Typhoon Fluorescence Imagen (min. 1 hr)</td>
<td>2016 Keen Hall</td>
<td>3.29/hr</td>
<td>3.49/hr</td>
<td>4.78/hr</td>
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<tr>
<td>Array Making and Scanners (4000B, ScanArray Express)</td>
<td>2014 Keen Hall</td>
<td>7.92/hr</td>
<td>8.40/hr</td>
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<td>Gene Expression</td>
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<td>Q-PCR (MYQ, iQ5, ABI 7700)</td>
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<td>6.68/hr</td>
<td>7.09/hr</td>
<td>9.70/hr</td>
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<tr>
<td>Affymetrix GeneChip Full Service with 1-cycle Synthesis</td>
<td>2014 Keen Hall</td>
<td>268.22/sample</td>
<td>284.58/sample</td>
<td>389.46/sample</td>
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<tr>
<td>Affymetrix GeneChip Full Services with 2-cycle Synthesis</td>
<td>2104 Keen Hall</td>
<td>304.72/sample</td>
<td>323.31/sample</td>
<td>442.45/sample</td>
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<tr>
<td>Affymetrix GeneChip Partial Serv., Hybridization &amp; Scanning</td>
<td>2104 Keen Hall</td>
<td>96.88/sample</td>
<td>102.79/sample</td>
<td>140.67/sample</td>
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<tr>
<td>Affymetrix Workstation</td>
<td>2104 Keen Hall</td>
<td>1.31/hr</td>
<td>1.39/hr</td>
<td>1.90/hr</td>
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<td>Bioanalyzer</td>
<td>2014 Keen Hall</td>
<td>49.88/run</td>
<td>52.92/run</td>
<td>72.43/run</td>
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<td>BMG Microtiter Plate Luminometer (min. 1 hr)</td>
<td>2016 Keen Hall</td>
<td>2.66/hr</td>
<td>2.82/hr</td>
<td>3.86/hr</td>
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<tr>
<td>Imagene Workstation (min. 1 hr)</td>
<td>2016 Keen Hall</td>
<td>1.31/hr</td>
<td>1.39/hr</td>
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<td>DNA and Protein Quantification</td>
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<td>Nanodrop Spectrophotometer (min. 1 hr)</td>
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<td>1.31/hr</td>
<td>1.39/hr</td>
<td>1.90/hr</td>
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<td>Flow Cytometry and Cell Sorting</td>
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<tr>
<td>Analysis in Flow Cytometry or Cell Sorting with BD FACS Aria</td>
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<td>60.00/hr</td>
<td>63.66/hr</td>
<td>87.12/hr</td>
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<td>Training in Flow Cytometry</td>
<td>1014 Keen Hall</td>
<td>56.88/hr</td>
<td>60.35/hr</td>
<td>82.59/hr</td>
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<td>Fragment Analysis</td>
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<td>Gene Scan Setup</td>
<td>2016 Keen Hall</td>
<td>14.32/unit</td>
<td>15.19/unit</td>
<td>20.79/unit</td>
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<td>DNA Fragment Analysis (Microsatellites and SSCP s), (Investigator does PCR rx)</td>
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<td>1.51/unit</td>
<td>1.60/unit</td>
<td>2.19/unit</td>
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**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.