

IRF Department	Instrument or Service (per hour unless specified)	New Independent Cost	New Assisted Cost	New Training Cost	New External Academic Cost	New External Non-Academic Cost	Contact	Location
Conference Room	Conference Room	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Anna Harper	IRF B-60
Histology	Leica Autostainer XL (per slide)	X	\$10.00	X	\$14.90	\$17.88	Karmen Owen	IRF B-60
	Leica VT1200S Vibratome (per hour)	\$10.00	\$12.50	\$5.00	\$18.63	\$22.35	Karmen Owen	IRF B-60
	Reichert-Jung 2030 Paraffin Rotary Microtome (per hour)	\$10.00	\$12.50	\$5.00	\$18.63	\$22.35	Karmen Owen	IRF B-60
	Thermo Scientific Cryostat Microm HM 525 (per hour)	X	\$10.00	X	\$14.90	\$17.88	Karmen Owen	IRF B-60
	Leica CV 5000 Cover Slip System (per slide)	X	\$1.00	X	\$1.49	\$1.79	Karmen Owen	IRF B-60
	Leica ASP 300 Tissue Processor (per run)	X	\$15.00	X	\$22.35	\$26.82	Karmen Owen	IRF B-60
	Tanner Scientific TNI550 Embedding Center (per hour)	\$10.00	\$12.50	\$5.00	\$18.63	\$22.35	Karmen Owen	IRF B-60
	Triangle Biomedical Sciences Embedding Center (per hour)	\$10.00	\$12.50	\$5.00	\$18.63	\$22.35	Karmen Owen	IRF B-60
	Reichert-Jung 2030 Paraffin Rotary Microtome (x2) (per hour)	\$10.00	\$12.50	\$5.00	\$18.63	\$22.35	Karmen Owen	IRF B-60
	Leica RM 2255 Automatic Microtome (per hour)	X	\$10.00	X	\$14.90	\$17.88	Karmen Owen	IRF B-60
	Lab Vision PT Module Antigen Retrieval System (per run - up to 50 slides)	\$10.00	\$12.50	\$5.00	\$18.63	\$22.35	Karmen Owen	IRF B-60
	H&E Staining (per slide)	X	\$4.00	X	\$5.96	\$7.15	Karmen Owen	IRF B-60
	IHC Label processing supplies no ab (1 single <5 samples)	X	\$29.00	X	\$43.21	\$51.85	Karmen Owen	IRF B-60
	IHC Label processing supplies no ab (2 double <5 samples)	X	\$59.00	X	\$87.91	\$105.49	Karmen Owen	IRF B-60
	IHC Label processing supplies no ab (3 triple <5 samples)	X	\$86.00	X	\$128.14	\$153.77	Karmen Owen	IRF B-60
	Process Frozen Block (per block)	X	\$4.00	X	\$5.96	\$7.15	Karmen Owen	IRF B-60
	Process/Embed Paraffin Block (per block)	X	\$5.00	X	\$7.45	\$8.94	Karmen Owen	IRF B-60
	Re-cuts (per slide)	X	\$4.00	X	\$5.96	\$7.15	Karmen Owen	IRF B-60
	PSR Staining (per slide)	X	\$6.00	X	\$8.94	\$10.73	Karmen Owen	IRF B-60
	Special Stains (trichromes, PA S, etc) (per slide)	X	\$12.00	X	\$17.88	\$21.46	Karmen Owen	IRF B-60
	Unstained Paraffin or Frozen slides (per slide)	X	\$4.00	X	\$5.96	\$7.15	Karmen Owen	IRF B-60
	X-Clarity Tissue Clearing System (per sample)	\$60.00	\$75.00	\$30.00	\$111.75	\$134.10	Lorain Junor	IRF B-59
Molecular Analysis	BioRad BioPlex 200 and microplate washer (per run = ~4 hours)	\$15.00	\$18.75	\$7.50	\$27.94	\$33.53	Karmen Owen	IRF B-60
	BioRad CFX96 Touch Real-Time PCR (per run)	\$20.00	\$25.00	\$10.00	\$37.25	\$44.70	Lorain Junor	IRF B-60
	BioRad GelDoc XR+ System and iMark Microplate Absorbance Reader (per hour)	\$20.00	\$25.00	\$10.00	\$37.25	\$44.70	Lorain Junor	IRF B-60
	ThermoFisher QuantStudio 3 RT-PCR (per run)	\$20.00	\$25.00	\$10.00	\$37.25	\$44.70	Lorain Junor	IRF B-60
	ThermoFisher Thermo Cycler EP-PCR (per run)	\$20.00	\$25.00	\$10.00	\$37.25	\$44.70	Lorain Junor	IRF B-60
	iBright CL1500 (per hour)	\$20.00	\$25.00	\$10.00	\$37.25	\$44.70	Karmen Owen	IRF B-60
	LiCor Odyssey CLX System (per hour)	\$20.00	\$25.00	\$10.00	\$37.25	\$44.70	Lorain Junor	IRF B-60
	Nanodrop One (per hour)	\$10.00	\$12.50	\$5.00	\$18.63	\$22.35	Lorain Junor	IRF B-60
	Qiagen Rotor-Gene Q rtPCR (per run)	\$20.00	\$25.00	\$10.00	\$37.25	\$44.70	Anna Harper	VA Bldg 9
	QIAgility (per run)	\$44.00	\$55.00	\$22.00	\$81.95	\$98.34	Anna Harper	VA Bldg 9
	QIASymphony (per run)	\$30.00	\$37.50	\$15.00	\$55.88	\$67.05	Anna Harper	VA Bldg 9
	QuantStudio Q digital PCR (per run)	\$20.00	\$25.00	\$10.00	\$37.25	\$44.70	Jay Potts	IRF B-60
	TECAN Freedom EVO System(per run)	\$50.00	\$62.50	\$25.00	\$93.13	\$111.75	Anna Harper	VA Bldg 9
	Agilent 2100 Bioanalyzer (per run)	\$10.00	\$12.50	\$5.00	\$18.63	\$22.35	Lorain Junor	IRF B-60
Flow and Cell Sorting	BD FACS Aria II	\$48.00	\$60.00	\$24.00	\$89.40	\$107.28	Jason Kubinak	IRF B-44
	BD FACS Symphony A5 Cell Analyzer	\$48.00	\$60.00	\$24.00	\$89.40	\$107.28	Jason Kubinak	IRF B-44
	BS FACS Discover S8 Cell Sorter	\$48.00	\$60.00	\$24.00	\$89.40	\$107.28	Jason Kubinak	IRF B-44
Light and Live Cell Microscopy	Discover Echo Revolve	\$13.00	\$16.25	\$6.50	\$24.21	\$29.06	Lorain Junor/Anna Harper	IRF B-59
	Invitrogen EVOS FL Auto	\$20.00	\$25.00	\$10.00	\$37.25	\$44.70	Lorain Junor/Anna Harper	IRF B-59
	Nikon E600	\$13.00	\$16.25	\$6.50	\$24.21	\$29.06	Anna Harper	IRF B-59
	Nikon Eclipse E800	\$13.00	\$16.25	\$6.50	\$24.21	\$29.06	Anna Harper	IRF B-59

	Zeiss SteREO Lumar V.12 Stereomicroscope	\$10.00	\$12.50	\$5.00	\$18.63	\$22.35	Lorain Junor/Anna Harper	IRF B-59
Confocal Microscopy	Leica SP8	\$45.00	\$56.25	\$22.50	\$83.81	\$100.58	Anna Harper	VA Bldg 9
	Leica Stellaris 5	\$45.00	\$56.25	\$22.50	\$83.81	\$100.58	Anna Harper	IRF B-60
	Zeiss Lightsheet 7	\$45.00	\$56.25	\$22.50	\$83.81	\$100.58	Anna Harper	IRF B-59
Electron Microscopy	JEOL 1400 Plus TEM	\$53.00	\$66.25	\$26.50	\$98.71	\$118.46	Ryan Ball	IRF B-59
	JEOL JSM IT100	\$50.00	\$62.50	\$25.00	\$93.13	\$111.75	Ryan Ball	IRF B-59
	Leica Ultracut R Ultramicrotome	\$10.00	\$12.50	\$5.00	\$18.63	\$22.35	Ryan Ball	IRF B-51
	Reichert U3 Ultramicrotome	\$11.00	\$13.75	\$5.50	\$20.49	\$24.59	Ryan Ball	IRF B-51
	Cressington 108 Sputter Coater (per run)	\$10.00	\$15.00	\$5.00	\$22.35	\$26.82	Ryan Ball	IRF B-50
	Immunogold cytochemistry supplies no ab (double label)	X	\$140.00	X	\$208.60	\$250.32	Ryan Ball	IRF B-60
	Immunogold cytochemistrysupplies no ab (single label)	X	\$86.00	X	\$128.14	\$153.77	Ryan Ball	IRF B-60
	Negative Stains (per grid)	X	\$15.00	X	\$22.35	\$26.82	Ryan Ball	IRF B-60
	OTO SEM Specimen supplies	\$15.00	\$15.00	X	\$22.35	\$26.82	Ryan Ball	IRF B-60
	Semi-thick set up fee /block	X	\$10.00	X	\$14.90	\$17.88	Ryan Ball	IRF B-60
	Semi-thick slide	X	\$5.00	X	\$7.45	\$8.94	Ryan Ball	IRF B-60
	Stained thin Sections (Diamond) - 5 grids/block	X	\$45.00	X	\$67.05	\$80.46	Ryan Ball	IRF B-60
	Standard SEM / TEM specimen supplies	X	\$15.00	X	\$22.35	\$26.82	Ryan Ball	IRF B-60
	Tech time to process up to 10 immunogold SEM / TEM samples - per run	X	\$120.00	X	\$178.80	\$214.56	Ryan Ball	IRF B-60
	Tech time to process up to 10 standard SEM / TEM samples - per run	X	\$86.00	X	\$128.14	\$153.77	Ryan Ball	IRF B-60
	Toluidine Blue Thick Sections (per block)	X	\$23.00	X	\$34.27	\$41.12	Ryan Ball	IRF B-60
	Toluidine Blue (additional) Thick Sections from same block (per section)	X	\$15.00	X	\$22.35	\$26.82	Ryan Ball	IRF B-60
	Tourimis Samdri-PVT-3B Critical Point Dryer (per run)	\$10.00	\$15.00	\$5.00	\$22.35	\$26.82	Ryan Ball	IRF B-50
	Unstained thin Sections (Diamond) - 5 grids/block	\$20.00	\$35.00	\$10.00	\$52.15	\$62.58	Ryan Ball	IRF B-60
Whole Animal Imaging	IVIS Spectrum FL and Bioluminescence Imaging	\$53.00	\$66.25	\$26.50	\$98.71	\$118.46	Lorain Junor	IRF B-48
	Mauna Kea Cellvizio In Vivo Confocal	\$53.00	\$66.25	\$26.50	\$98.71	\$118.46	Lorain Junor	IRF B-48
	Quantum GX microCT Imaging	\$53.00	\$66.25	\$26.50	\$98.71	\$118.46	Lorain Junor	IRF B-48
	Surgery Suite	\$23.00	\$28.75	\$11.50	\$42.84	\$51.41	Lorain Junor	IRF B-48
	Visual Sonics VEVO 3100 High Res In Vivo Imaging	\$53.00	\$66.25	\$26.50	\$98.71	\$118.46	Lorain Junor	IRF B-48
	Visual Sonics VEVO 3100 High Res In Vivo Imaging *Surgery Suite*	\$53.00	X	\$26.50	X	X	Lorain Junor	IRF B-48
Image Analysis	AMIRA 6 Workstation	\$8.00	\$10.00	\$4.00	\$14.90	\$17.88	Lorain Junor	IRF B-60
	FloJo Workstation and FACS Analysis	\$8.00	\$10.00	\$4.00	\$14.90	\$17.88	Jason Kubinak	IRF B-60
	Photoshop Workstation	\$5.00	\$6.25	\$2.50	\$9.31	\$11.18	Lorain Junor	IRF B-60
	Ultrasound/MicroCT Workstation	\$9.00	\$11.25	\$4.50	\$16.76	\$20.12	Lorain Junor	IRF B-48
Poster Printing	Poster on Paper or Fabric (per linear inch)	\$2.00	\$2.00	\$0.00	\$2.98	\$3.58	Anna Harper	IRF B-60
Consumables	Alcohol (per liter)	\$5.00	X	X	X	X	Karmen Owen	IRF B-60
	Xylene (per liter)	\$5.00	X	X	X	X	Karmen Owen	IRF B-60
	FlashDrives (ea)	\$5.00	X	X	X	X	Anna Harper	IRF B-60
	SEM stub only	\$6.00	X	X	X	X	Ryan Ball	IRF B-60
	Slide box (ea)	\$15.00	X	X	X	X	Karmen Owen	IRF B-60
	TEM Formvar coated grids	\$6.00	X	X	X	X	Ryan Ball	IRF B-60
	Boxes of Slides (per box)	\$100.00	X	X	X	X	Anna Harper	IRF B-60
Consulting	Technician Consulting Time (per hour)	X	\$42.00	X	\$62.58	\$75.10		