Animal Care (0327)

### **Research Vivaria - Central**

Cost Accountant: Rob Blackley Chickens Guinea Pigs	Housed in Isolators	Fund	Per	Date	(in Dellera)	P	RATES (in Dollars)		
	Housed in Isolators				(in Dollars)	Internal	External	Market	
Guipea Pigs	100300 11 130101013	230369	Isolator/Day	7/1/2024	na	15.140	24.380	0.000	
Ouillea l'igs	ABSL1, Conventional	230369	Animal/day	7/1/2024	na	3.730	6.000	0.000	
Mice	ABSL1, Conventional	230369	Cage/day	7/1/2024	na	1.050	1.690	0.000	
Mice, Hamsters	ABSL3	230369	Cage/day	7/1/2024	na	4.040	6.500	0.000	
Mouse	Satellite	230369	Cage/day	7/1/2024	na	0.370	0.600	0.000	
Pigs	ABSL2	230369	Animal/day	7/1/2024	na	10.590	17.050	0.000	
	Gnotobiotic	230369	Animal/Day	7/1/2024	na	22.160	35.680	0.000	
Rat	Satellite	230369	Cage/day	7/1/2024	na	0.530	0.850	0.000	
Rats, Hamsters, Gerbils	ABSL1/2	230369	Cage/day	7/1/2024	na	2.730	4.390	0.000	
Technical Activities	Basic	230369	Hour	7/1/2024	na	32.250	51.920	0.000	
Transportation		230369	Mile	7/1/2024	na	0.210	0.340	0.000	
Veterinary Activities	Basic	230369	Hour	7/1/2024	na	65.810	105.950	0.000	

#### Argicultural Research and Extension (0025)

### **Eastern Shore AREC Vehicle**

Manager: Mark Reiter	Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Travis Reedy	Fund	Per	Date	(in Dollars)	Internal	External	Market
Vehicles	230570	Mile	2/1/2024	na	0.360	0.000	0.000

#### BI - Operations (0358)

## **Biocomplexity Inst. Genomics Sequencing Center**

#### HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Kirk Felton		Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Rob Blackley		Fund	Per	Date	(in Dollars)	Internal	External	Market
Illumina	16S Ampilicon Prep Library Prep	230267	Sample	9/1/2024	na	27.000	43.470	0.000
	Covaris Fragmention	230267	Sample	9/1/2024	na	22.000	35.420	0.000
	DNA Seq Library Prep	230267	Sample	9/1/2024	na	129.000	188.170	0.000
	Equipment Use: 10x	230267	Sample	9/1/2024	na	400.000	644.000	0.000
	Equipment Use: COVIDSeq Library Prep	230267	Sample	9/1/2024	na	13.860	22.310	0.000
	Equipment Use: MiSeq	230267	Sample	9/1/2024	na	175.000	281.750	0.000
	Equipment Use: NextSeq	230267	Run	9/1/2024	na	300.000	483.000	0.000
	Equipment Use: QPCR	230267	Sample	9/1/2024	na	10.000	16.100	0.000
	MiSeq Micro v2 300 Cycle Per Run	230267	Run	9/1/2024	na	775.000	897.000	0.000
	MiSeq Nano v2 300 Cycle Per Run	230267	Run	9/1/2024	na	595.000	717.000	0.000
	MiSeq Nano v2 500 Cycle Per Run	230267	Run	9/1/2024	na	666.000	788.000	0.000
	MiSeq v2 300 Cycle Cluster Gen. and Seq. Per Lane	230267	Run	9/1/2024	na	1,513.000	1,635.000	0.000
	MiSeq v2 50 Cycle Cluster Gen. and Seq. Per Run	230267	Run	9/1/2024	na	1,234.000	1,356.000	0.000
	MiSeq v2 500 Cycle Cluster Gen. and Seq. Per Lane	230267	Run	9/1/2024	na	1,671.000	1,793.000	0.000
	MiSeq v3 150 Cycle Cluster Gen. and Seq. Per Run	230267	Run	9/1/2024	na	1,344.000	1,466.000	0.000
	MiSeq v3 600 Cycle Cluster Gen. and Seq. Per Lane	230267	Run	9/1/2024	na	2,103.000	2,225.000	0.000
	mRNA Stranded Seq Library Prep	230267	Sample	9/1/2024	na	150.000	218.930	0.000

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#### BI - Operations (0358)

## **Biocomplexity Inst. Genomics Sequencing Center**

Manager: Kirk Felton		Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Rob Blackley		Fund	Per	Date	(in Dollars)	Internal	External	Market
Illumina	Nanopore DNA Library Prep (1 sample/flowcell)	230267	Sample	9/1/2024	na	350.000	476.270	0.000
	Nanopore DNA Library Prep (Multiplexing Samples on 1 flowcell)	230267	Sample	9/1/2024	na	420.000	588.970	0.000
	NextSeq 1000 v3 P1 100 Cycles	230267	Sample	9/1/2024	na	1,180.000	1,332.500	0.000
	NextSeq 1000 v3 P1 300 Cycles	230267	Sample	9/1/2024	na	1,526.000	1,678.500	0.000
	NextSeq 1000 v3 P1 600 Cycles	230267	Sample	9/1/2024	na	2,168.000	2,320.500	0.000
	NextSeq 1000 v3 P2 100 Cycles	230267	Run	9/1/2024	na	1,728.000	1,880.500	0.000
	NextSeq 1000 v3 P2 200 Cycles	230267	Run	9/1/2024	na	2,994.000	3,146.500	0.000
	NextSeq 1000 v3 P2 300 Cycles	230267	Run	9/1/2024	na	3,875.000	4,027.500	0.000
	NextSeq 1000 v3 P2 600 Cycles	230267	Run	9/1/2024	na	4,194.000	4,346.500	0.000
	NextSeq 1000/2000 P1 XLEAP- SBS 300 Cycles	230267	Run	9/1/2024	na	1,331.000	1,483.500	0.000
	NextSeq 1000/2000 P1 XLEAP- SBS 300 Cycles	230267	Run	9/1/2024	na	1,040.000	1,192.500	0.000
	NextSeq 1000/2000 P1 XLEAP- SBS 600 Cycles	230267	Run	9/1/2024	na	1,872.000	2,024.500	0.000
	NextSeq 1000/2000 P2 XLEAP- SBS 100 Cycles	230267	Run	9/1/2024	na	1,427.000	1,579.500	0.000
	NextSeq 1000/2000 P2 XLEAP- SBS 200 Cycles	230267	Run	9/1/2024	na	2,426.000	2,578.500	0.000
	NextSeq 1000/2000 P2 XLEAP- SBS 300 Cycles	230267	Run	9/1/2024	na	3,122.000	3,274.500	0.000
	NextSeq 1000/2000 P2 XLEAP- SBS 600 Cycles	230267	Run	9/1/2024	na	3,372.000	3,524.500	0.000

#### BI - Operations (0358)

## **Biocomplexity Inst. Genomics Sequencing Center**

#### HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Kirk Felton		Banner	Rate	Effective	Min/Max	RA	ATES (in Dolla	rs)
Cost Accountant: Rob Blackley		Fund	Per	Date	(in Dollars)	Internal	External	Market
Illumina	NextSeq 2000 P3 XLEAP-SBS 100 Cycles	230267	Run	9/1/2024	na	2,716.000	2,868.500	0.000
	NextSeq 2000 P3 XLEAP-SBS 200 Cycles	230267	Run	9/1/2024	na	3,649.000	3,801.500	0.000
	NextSeq 2000 P3 XLEAP-SBS 300 Cycles	230267	Run	9/1/2024	na	4,768.000	4,920.500	0.000
	NextSeq 2000 P4 XLEAP-SBS 100 Cycles	230267	Run	9/1/2024	na	3,099.000	3,251.500	0.000
	NextSeq 2000 P4 XLEAP-SBS 200 Cycles	230267	Run	9/1/2024	na	4,262.000	4,414.500	0.000
	NextSeq 2000 P4 XLEAP-SBS 300 Cycles	230267	Run	9/1/2024	na	5,345.000	5,497.500	0.000
	NextSeq 2000 P4 XLEAP-SBS 50 Cycles	230267	Run	9/1/2024	na	2,163.000	2,315.500	0.000
	Nova Seq S1 v1.5 100 Cycle 100SR or 50PE	230267	Run	9/1/2024	na	5,042.000	5,575.140	0.000
	Nova Seq S1 v1.5 200 Cycle 100 PE	230267	Run	9/1/2024	na	6,184.000	6,756.180	0.000
	Nova Seq S1 v1.5 300 Cycle 150 PE	230267	Run	9/1/2024	na	6,625.000	7,203.280	0.000
	Nova Seq S2 v1.5 100 Cycle 50 PE	230267	Run	9/1/2024	na	9,484.000	10,478.910	0.000
	Nova Seq S2 v1.5 200 Cycle 100 PE	230267	Run	9/1/2024	na	11,457.000	12,504.370	0.000
	Nova Seq S2 v1.5 300 Cycle 150 PE	230267	Run	9/1/2024	na	12,207.000	13,317.810	0.000
	Nova Seq S4 Lane Split	230267	Run	9/1/2024	na	810.000	910.040	0.000
	Nova Seq S4 v1.5 200 Cycle 100 PE	230267	Run	9/1/2024	na	16,143.000	17,482.560	0.000

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#### BI - Operations (0358)

## **Biocomplexity Inst. Genomics Sequencing Center**

Manager: Kirk Felton		Banner	Rate	Effective	Min/Max	RA	ATES (in Dolla	rs)
Cost Accountant: Rob Blackley		Fund	Per	Date	(in Dollars)	Internal	External	Market
Illumina	Nova Seq S4 v1.5 300 Cycle 150 PE	230267	Run	9/1/2024	na	17,779.000	19,146.620	0.000
	Nova Seq S4 v1.5 35 Cycle	230267	Run	9/1/2024	na	13,236.000	14,894.590	0.000
	Nova Seq SP, S1, S2 Lane Split	230267	Run	9/1/2024	na	499.000	607.580	0.000
	NovaSeq SP v1.5 100 Cycle	230267	Run	9/1/2024	na	3,045.000	3,509.820	0.000
	NovaSeq SP v1.5 200 Cycle	230267	Run	9/1/2024	na	3,584.000	3,950.000	0.000
	NovaSeq SP v1.5 300 Cycle	230267	Run	9/1/2024	na	3,853.000	4,219.000	0.000
	NovaSeq SP v1.5 500 Cycle	230267	Run	9/1/2024	na	5,146.000	5,512.000	0.000
	QPCR of Investigator Libraries	230267	Sample	9/1/2024	na	21.000	31.370	0.000
	Small RNA Profiling Library Prep	230267	Sample	9/1/2024	na	171.000	215.530	0.000
	Specialized Services	230267	Hour	9/1/2024	na	80.000	128.800	0.000
	Total Stranded RNA Library Prep	230267	Sample	9/1/2024	na	195.000	245.020	0.000
Sanger	Agilent RNA/DNA-QC	230267	Sample	9/1/2024	na	11.000	17.010	0.000
	Equipment Use: Agilent RNA/DNA-QC	230267	Sample	9/1/2024	na	4.820	7.760	0.000
Equi	Equipment Use: Quibit	230267	Sample	9/1/2024	na	1.100	1.770	0.000
	Full Reactions	230267	Sample	9/1/2024	na	5.250	7.750	0.000
	Quibit	230267	Sample	9/1/2024	na	4.500	6.760	0.000

#### **Biological Sciences (0040)**

### **Biology/Biocomplexity Inst. Plant Research Facility**

Manager: Susan Whitehead	Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Travis Reedy	Fund	Per	Date	(in Dollars)	Internal	External	Market
Bench Usage	230600	Bench	5/1/2024	na	4.530	7.250	0.000

### **Biological Systems Engineering (0002)**

## **Biological Engineering Vehicles**

Manager: Laura Lehmann	Banner	Rate	Effective	Min/Max	RATES (in Dollars)		
Cost Accountant: Travis Reedy	Fund	Per	Date	(in Dollars)	Internal	External	Market
50-175S, 2005 Chevy Crewcab 4X4	230058	Mile	8/1/2024	na	0.560	0.000	0.000
55-273S, 2008 Ford F150	230058	Mile	8/1/2024	na	0.810	0.000	0.000
58-873S, 2010 Ford Explorer 4X4	230058	Mile	8/1/2024	na	0.810	0.000	0.000

### **Biological Systems Engineering (0002)**

### **Easton Vehicle Service Center**

Manager: Zach Easton	Banner Ra		Rate Effective	Min/Max	RATES (in Dollars)		
Cost Accountant: Rob Blackley	Fund	Per	Date	(in Dollars)	Internal	External	Market
69-975S, 2016 Ford F150	230005	Mile	4/1/2024	na	0.370	0.000	0.000

#### **Biological Systems Engineering (0002)**

### **Water Quality Lab**

#### HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Kelly Peeler **RATES (in Dollars)** Min/Max Effective Banner Rate Fund Per Date (in Dollars) Internal External Market **Cost Accountant: Travis Reedy** 230002 Sample 2/1/2024 WQL01A, Total Nitrogen Assisted 3.680 5.890 0.000 na 230002 Sample 2/1/2024 WQL01U, Total Nitrogen 2.950 0.000 0.000 Unassisted na 230002 2/1/2024 Sample WQL02A. Conductivity/TDS Assisted na 5.200 8.320 0.000 2/1/2024 230002 Sample WQL02U. Conductivity/TDS Unassisted na 0.870 0.000 0.000 WQL13A, Ion Analysis of Water (per 230002 Element per 2/1/2024 3.020 4.830 0.000 Assisted na Sample Element) 230002 Element per 2/1/2024 WQL13U, Ion Analysis of Water (per 0.000 Unassisted 2.410 0.000 na Element) Sample 230002 Sample 2/1/2024 WQL14A, Ammonia Assisted 4.390 7.020 0.000 na WQL14U, Ammonia 230002 Sample 2/1/2024 Unassisted na 3.500 0.000 0.000 230002 2/1/2024 Sample WQL16A. Orthophosphate Assisted na 3.750 6.000 0.000 2/1/2024 230002 Sample WQL16U, Orthophosphate 2.860 0.000 0.000 Unassisted na 230002 2/1/2024 Sample WQL17A, pH Assisted na 5.430 8.690 0.000 230002 2/1/2024 WQL17U, pH Sample 1.100 0.000 0.000 Unassisted na 230002 Sample 2/1/2024 WQL21A, Total Phosphorus 3.620 5.790 0.000 Assisted na 230002 Sample 2/1/2024 WQL21U, Total Phosphorus Unassisted 2.890 0.000 0.000 na 230002 Sample 2/1/2024 WQL22A, Total Suspended Solids 3.770 6.030 0.000 Assisted na 230002 Sample 2/1/2024 WQL22U, Total Suspended Solids Unassisted na 1.130 0.000 0.000 WQL28A, Bacterial Quantification 230002 Sample 2/1/2024 11.190 17.900 0.000 Assisted na Total Coloiform and E.coli 230002 Sample 2/1/2024 WQL28U, Bacterial Quantification Unassisted 10.530 0.000 0.000 na Total Coloiform and E.coli 230002 2/1/2024 WQL31A, Nitrate (Seal) Assisted Sample 3.810 6.100 0.000 na 230002 Sample 2/1/2024 WQL31U, Nitrate (Seal) 2.930 0.000 Unassisted na 0.000

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### **Biological Systems Engineering (0002)**

## **Water Quality Lab**

Manager: Kelly Peeler		Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Travis Reedy		Fund	Fund Per		(in Dollars)	Internal	External	Market
WQL32A, Carbon Isotope	Assisted	230002	Sample	2/1/2024	na	5.760	9.220	0.000
WQL32U, Carbon Isotope	Unassisted	230002	Sample	2/1/2024	na	5.570	0.000	0.000
WQL33A, Elemental Analysis	Assisted	230002	Sample	2/1/2024	na	2.590	4.140	0.000
WQL33U, Elemental Analysis	Unassisted	230002	Sample	2/1/2024	na	2.450	0.000	0.000
WQL34A, Carbon Analysis (organic and inorganic)	Assisted	230002	Sample	2/1/2024	na	4.500	7.200	0.000
WQL34U, Carbon Analysis (organic and inorganic)	Unassisted	230002	Sample	2/1/2024	na	4.390	0.000	0.000
WQL36A, Metals Prep	Assisted	230002	Sample	2/1/2024	na	5.080	8.130	0.000
WQL36U, Metals Prep	Unassisted	230002	Sample	2/1/2024	na	1.900	0.000	0.000

### CALS Administration (0340)

### **CALS - Admin Vehicle**

Manager: Steve Kleiber	Banner	Rate	Effective	Min/Max	RA	RATES (in Dollars)		
Cost Accountant: Travis Reedy	Fund	Per	Date	(in Dollars)	Internal	External	Market	
64-146S, 2023 Nissan Murano	230340	Mile	8/1/2024	na	0.710	0.000	0.000	
79-448S 2020 Ford Explorer	230340	Mile	8/1/2024	na	0.710	0.000	0.000	
84-102S, 2022 Ford Escape	230340	Mile	8/1/2024	na	0.710	0.000	0.000	

Chemistry (0212)

## **Chemistry - Chromatography**

Manager: Ken Knott	Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Travis Reedy	Fund	Per	Date	(in Dollars)	Internal	External	Market
Chromatography	230327	Hourly	10/1/2023	na	21.000	33.600	95.000

Chemistry (0042)

## **Chemistry - NMR Lab**

Manager: Kenneth Knott		Banner	Banner Rate E	Effective	Min/Max	RATES (in Dollars)		
Cost Accountant: Travis Reedy		Fund	Per	Date	(in Dollars)	Internal	External	Market
NMR Lab	CD Instrument	230107	Hour	10/1/2023	na	8.000	12.800	120.000
	EPR	230107	Hour	10/1/2023	na	4.900	7.800	73.500
	NMR	230107	Hour	10/1/2023	na	9.900	15.800	125.000

Chemistry (0042)

## **Chemistry - Research Stockroom**

Manager: Sharelle Carbaugh		Banner	Rate	Effective	Min/Max	RA	RATES (in Dollars)		
Cost Accountant: Travis Reedy		Fund	Per	Date	(in Dollars)	Internal	External	Market	
Administrative Charge	Administrative Charge	230242	Item	3/18/2024	na	1.790	0.000	0.000	
Dry Ice	DRY-ICE Dry Ice	230242	Pound	3/18/2024	na	3.280	0.000	0.000	
Liquid Nitrogen	LIQ-NIT Liquid Nitrogen (LN2)	230242	Liter	3/18/2024	na	1.090	0.000	0.000	

Chemistry (0042)

## **Chemistry - X-Ray Lab**

Manager: Carla Slebodnick		Banner	Rate	Effective	Min/Max	RATES (in Dollars)		
Cost Accountant: Travis Reedy		Fund	Per	Date	(in Dollars)	Internal	External	Market
X-Ray Lab	Powder Diffraction	230276	Dataset	10/1/2023	na	16.100	25.800	100.000
	Single Crystal Diffraction	230276	Dataset	10/1/2023	na	32.300	51.600	1,000.000

Chemistry (0042)

## **Surface Analysis Center**

Manager: Nick Popczun	Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Travis Reedy	Fund	Per	Date	(in Dollars)	Internal	External	Market
PHI VersaProbe III	230296	Hour	9/1/2023	na	25.000	40.000	95.000

#### **Civil and Environmental Engineering (0103)**

### **ICPMS Metals Analysis Lab**

		Banner	Rate Per	Effective Date	Min/Max	RATES (in Dollars)		
Cost Accountant: Rob Blackle	у	Fund			(in Dollars)	Internal	External	Market
Metals Analysis	Assisted	230007	Sample	5/1/2024	na	8.000	12.800	0.000
	Technician	230007	Hour	5/1/2024	na	64.000	102.400	0.000
Metals Analysis Kit	2 Tests	230007	ea	5/1/2024	na	4.000	6.400	0.000
	3 Tests	230007	ea	5/1/2024	na	5.000	8.000	0.000
	4 Tests	230007	ea	5/1/2024	na	5.000	8.000	0.000
Pipe	Pipe	230007	ea	5/1/2024	na	75.000	120.000	125.000
	Pipe w/testing	230007	ea	5/1/2024	na	170.000	272.000	275.000
Solder Coupon	Copper coupling with solder	230007	ea	5/1/2024	na	11.000	17.600	20.000
	Copper coupling with solder w/ testing	230007	ea	5/1/2024	na	12.000	19.200	25.000

### College of Agriculture and Life Sciences (0340)

## Latham Growth Chambers

Manager: Christopher Coceano Cost Accountant: Rob Blackley		Banner	Rate Effecti	Effective	Min/Max (in Dollars)	RATES (in Dollars)		
		Fund	Per	Date		Internal	External	Market
Enhanced Growth Chambers	Chambers	230309	Per Day	9/1/2024	na	15.000	24.150	0.000
Standard Growth Chambers	Chambers	230309	Per Day	9/1/2024	na	8.000	12.880	0.000

### College of Veterinary Medicine (0033)

## **Parasitology Lab Service Center**

Manager: Roger Ramirez-Barrios	Banner	Rate	e Effective	Min/Max	RATES (in Dollars)			
Cost Accountant: Travis Reedy	Fund	Per	Date	(in Dollars)	Internal	External	Market	
Parasitology	230061	Per Test	5/1/2024	na	7.130	11.410	0.000	

#### Conservation Management Institute (0369)

### **Conservation Management Institute**

Manager: Scott Klopfer	Banner	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
Cost Accountant: Travis Reedy	Fund				Internal	External	Market
49-017S, 2004 Chevy Silverado	230252	Mile	7/1/2024	na	1.040	0.000	0.000
55-226S, 2007 Chevy Colorado	230252	Mile	7/1/2024	na	0.650	0.000	0.000
66-916S, 2014 Ford Pickup Crew 4x4	230252	Mile	7/1/2024	na	0.180	0.000	0.000
75403S, 2023 Dodge Ram	230252	Mile	7/1/2024	na	0.530	0.000	0.000
84104S, 2007 Chevy Tahoe	230252	Mile	7/1/2024	na	0.620	0.000	0.000

### Coop Extension Field Serv Support (0210)

### **Extension Distribution Center Printing**

Manager: Melanie Rade	-	Banner	Banner Rate	Effective	Min/Max	RATES (in Dollars)		
Cost Accountant: Travis Reedy		Fund	Per	Date	(in Dollars)	Internal	External	Market
Poster Printing	24" Photo Paper	230032	Running Foot	5/1/2024	na	4.480	7.170	0.000
	24" Plain Paper	230032	Running Foot	5/1/2024	na	3.340	5.340	0.000
	36" Photo Paper	230032	Running Foot	5/1/2024	na	4.890	7.820	0.000
	36" Plain Paper	230032	Running Foot	5/1/2024	na	3.290	5.260	0.000
	42" Plain Paper	230032	Running Foot	5/1/2024	na	3.650	5.840	0.000

#### Crop & Soil Environmental Science (0003)

## Crop & Soil Vehicles-230028

Manager: Caleb Bishop	Banner Rate Ef	Effective	Min/Max	RATES (in Dollars)			
Cost Accountant: Travis Reedy	Fund	Per	Date	(in Dollars)	Internal	External	Market
65575S, 2014 Ford F350 Crew 4X4	230028	Mile	10/1/2023	na	0.490	0.000	0.000
79409S, 2020 Ford F550	230028	Mile	10/1/2023	na	1.060	0.000	0.000

#### Crop & Soil Environmental Science (0003)

## Crop & Soil Vehicles-230097

Manager: John Hoben	Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Travis Reedy	Fund	Per	Date	(in Dollars)	Internal	External	Market
84-144S, Ford F150	230097	Mile	11/1/2024	na	0.410	0.000	0.000

#### Crop & Soil Environmental Science (0003)

## Crop & Soil Vehicles-230126

Manager: Sara Klopf	Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Travis Reedy	Fund	Per	Date	(in Dollars)	Internal	External	Market
65-586S, 2010 Chevy Colorado 4WD	230126	Mile	2/1/2024	na	0.270	0.000	0.000

#### Crop & Soil Environmental Science (0003)

### Crop & Soil Vehicles-230153

Manager: John Hoben	Banner	Rate	Effective	Min/Max	RATES (in Dollar		rs)
Cost Accountant: Travis Reedy	Fund	Per	Date	(in Dollars)	Internal	External	Market
57-578S, Ford F250	230153	Mile	5/1/2024	na	0.280	0.000	0.000

#### Crop & Soil Environmental Science (0003)

### Crop & Soil Vehicles-230206

Manager: Mike Brosius	Banner	Rate	Effective	Min/Max	RATES (in Dollar		rs)
Cost Accountant: Travis Reedy	Fund	Per	Date	(in Dollars)	Internal	External	Market
55-267S, 2008 Ford F250	230206	Mile	2/1/2025	na	0.720	0.000	0.000

#### Crop & Soil Environmental Science (0003)

### Crop & Soil Vehicles-230275

Manager: Mike Brosius	Banner	Rate	Effective	Min/Max	RATES (in Dollar		rs)
Cost Accountant: Travis Reedy	Fund	Per	Date	(in Dollars)	Internal	External	Market
71-511S, 2017 Ford F250	230275	Mile	4/1/2023	na	0.700	0.000	0.000

### Crop & Soil Environmental Science (0003)

### **Environmental Organic Chemical Analysis**

Manager: Kang Xia	Banner	Banner Rate Effective		Min/Max	RATES (in Dollars)		
Cost Accountant: Rob Blackley	Fund	Per	Date	(in Dollars)	Internal	External	Market
GC/MS/MS	230120	per sample	10/1/2024	na	12.010	19.310	0.000
HPLC	230120	per sample	10/1/2024	na	10.950	17.650	0.000
LC/MS/MS	230120	per sample	10/1/2024	na	37.220	59.920	0.000

#### Crop & Soil Environmental Science (0003)

### **QuickChem 8000 Automated Ion Analyzer**

Manager: Mike Brosius	Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Travis Reedy	Fund	Per	Date	(in Dollars)	Internal	External	Market
Automated Ion Analyzer	230183	Each	5/1/2023	na	1.300	0.000	0.000

### Crop & Soil Environmental Science (0003)

## Soil ICP Lab

Manager: Steve Heckendorn	Banner	Rate	Effective	Min/Max	RATES (in Dolla		ırs)	
Cost Accountant: Travis Reedy	Fund	Per	Date	(in Dollars)	Internal	External	Market	
Soil	230004	Element	4/1/2024	na	0.210	0.000	0.000	
Solution	230004	Element	4/1/2024	na	2.910	0.000	0.000	

### Crop & Soil Environmental Science (0003)

### VarioMax CNS

Manager: Athena Tilley	Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Travis Reedy	Fund	Per	Date	(in Dollars)	Internal	External	Market
Sample Analysis	230273	Sample	8/1/2024	na	6.800	10.950	0.000

#### Dean - Engineering (0345)

### **CPES Electrical Lab**

Manager: David Gilham	Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Rob Blackley	Fund	Per	Date	(in Dollars)	Internal	External	Market
Research Lab Use	230300	Hour	12/1/2024	na	12.000	19.000	0.000

### Department of Dairy Science (0315)

## **Dairy Feeding Trials**

Manager: Lisa Bishop	Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Travis Reedy	Fund	Per	Date	(in Dollars)	Internal	External	Market
Dairy	230305	Gate Days	7/1/2024	na	1.100	0.000	0.000

Eastern Shore AREC (0025)

## **ESAREC Tractor Service Center**

Manager: Andrew Fletcher	Banner	Rate	Effective	Min/Max	RATES (in Doll		ars)	
Cost Accountant: Travis Reedy	Fund	Per	Date	(in Dollars)	Internal	External	Market	
John Deere 6130M	230378	Per Hour	3/1/2024	na	37.740	0.000	0.000	
John Deere 6155 R	230378	Per Hour	3/1/2024	na	44.990	0.000	0.000	
Zurn 160 Plot Combine	230378	Per Hour	3/1/2024	na	280.050	0.000	0.000	

Eastern Virginia AREC (0222)

## **Eastern VA AREC Service Center**

Manager: Joseph Oakes	Banner	Rate	Effective	Min/Max	RATES (in Doll		ars)	
Cost Accountant: Travis Reedy	Fund	Per	Date	(in Dollars)	Internal	External	Market	
Zurn 160 Combine	230420	Per Hour	3/1/2024	na	153.970	0.000	0.000	

#### **Electrical and Computer Engineering (0104)**

### **Virginia Power Analytics and Cyber Security Center**

Manager: Ali Mehrizi-Sani	Banner	Rate	Effective	Min/Max	RATES (in Dollar		rs)
Cost Accountant: Rob Blackley	Fund	Per	Date	(in Dollars)	Internal	External	Market
Machine Time	230447	Hour	9/1/2023	na	34.000	195.000	0.000
Setup/Analysis	230447	Hour	9/1/2023	na	120.000	195.000	0.000

### Electrical and ComputerEngineering (0104)

### **Micron Clean Room**

### HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Wei Zhou	Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Rob Blackley	Fund	Per	Date	(in Dollars)	Internal	External	Market
MCR04, PTL Mask Aligner & Photolith Bench	230536	Hour	11/1/2024	na	50.000	81.000	0.000
MCR05, TFD Lesker E-Beam Evaporation	230536	Hour	11/1/2024	na	40.000	64.000	0.000
MCR06, JOEL E-Beam Lithography Tool	230536	Hour	11/1/2024	na	100.000	161.000	0.000
MCR07, TFD Plasma-Enhanced Chemical Vapor Deposition	230536	Hour	11/1/2024	na	22.000	35.000	0.000
MCR08, TFD Atomic Layer Deposition	230536	Hour	11/1/2024	na	25.000	40.000	0.000
MCR09, PESC Deep Reactive Ion Etching	230536	Hour	11/1/2024	na	139.000	224.000	0.000
MCR10, PESC High-Density Reactive Ion Etching	230536	Hour	11/1/2024	na	34.000	55.000	0.000
MCR11, PESC Low-Density Reactive Ion Etching	230536	Hour	11/1/2024	na	60.000	97.000	0.000
MCR12, TP Silicon Oxidation & Diffusion	230536	Hour	11/1/2024	na	75.000	121.000	0.000
MCR13, TP Rapid Thermal Annealing	230536	Hour	11/1/2024	na	95.000	153.000	0.000
MCR14, TP Metal Contact Annealing	230536	Hour	11/1/2024	na	50.000	81.000	0.000
MCR15, MIDP Wafer Bonding	230536	Hour	11/1/2024	na	64.000	103.000	0.000
MCR16, MIDP Wafer Dicing & Device Singulation	230536	Hour	11/1/2024	na	40.000	64.000	0.000
MCR17, Woollam Spectroscopic Ellipsometer	230536	Hour	11/1/2024	na	20.000	32.000	0.000
MCR18, Crosslight Softward Pkg	230536	Hour	11/1/2024	na	20.000	32.000	0.000
MCR19, Bruker Atomic Force Microscope	230536	Hour	11/1/2024	na	25.000	40.000	0.000

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### Electrical and ComputerEngineering (0104)

### **Micron Clean Room**

	Banner	Rate	Rate Effective Per Date	Min/Max	RATES (in Dollars)		
Cost Accountant: Rob Blackley	Fund			(in Dollars)	Internal	External	Market
MCR22, METROL Semiconductor Device Testing	230536	Hour	11/1/2024	na	26.000	42.000	0.000
MCR23, TFD KJL Reactor	230536	Hour	11/1/2024	na	75.000	121.000	0.000
MCR24, TFD KJL DC/RF Sputter	230536	Hour	11/1/2024	na	0.000	0.000	0.000
MCR25, KS Wire Bonder	230536	Hour	11/1/2024	na	0.000	0.000	0.000
MCR27, Thermal Vacuum	230536	Hour	11/1/2024	na	15.000	24.000	0.000
MCR617, Lab Access, W617	230536	Hour	11/1/2024	na	3.000	5.000	0.000
MCR633, Lab Access, W633	230536	Hour	11/1/2024	na	16.000	26.000	0.000
MCR636, Lab Access, W636	230536	Hour	11/1/2024	na	0.000	0.000	0.000
MCRFM, Technician #1	230536	Hour	11/1/2024	na	42.000	68.000	0.000
MCRFM, Technician #2	230536	Hour	11/1/2024	na	45.000	72.000	0.000
MCRFM, Technician #3	230536	Hour	11/1/2024	na	15.000	24.000	0.000
MCRLD, Lab Director	230536	Hour	11/1/2024	na	74.000	119.000	0.000
MCRLM, Facility Manager	230536	Hour	11/1/2024	na	64.000	103.000	0.000

Entomology (0007)

## **Entomology Vehicles**

Manager: Scott Salom	Banner	Rate	Effective Date	Min/Max (in Dollars)	RA	RATES (in Dollars)			
Cost Accountant: Travis Reedy	Fund	Per			Internal	External	Market		
50-112S, 2005 Ford F150	230254	Mile	11/1/2023	na	0.570	0.000	0.000		
65-551S, 2013 Ford F150	230254	Mile	11/1/2023	na	0.220	0.000	0.000		
69-987S 2016 Ford F150	230254	Mile	11/1/2023	na	0.420	0.000	0.000		
79-433S, 2020 Ford F150	230254	Mile	11/1/2023	na	0.410	0.000	0.000		

Entomology (0007)

## **Entomology Vehicles Eastwood**

Manager: Gill Eastwood	Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Travis Reedy	Fund	Per	Date	(in Dollars)	Internal	External	Market
81730S, Ford Maverick	230313	Mile	2/1/2024	na	0.220	0.000	0.000

Entomology (0007)

## **Entomology Vehicles Entrekin**

Manager: Sally Entrekin	Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Travis Reedy	Fund	Per	Date	(in Dollars)	Internal	External	Market
79412S, Ford F150	230410	Mi	11/1/2024	na	0.660	0.000	0.000

### Fish and Wildlife Conservation (0009)

### **Fisheries & Wildlife Science Boat**

Manager: Jim Fraser		Banner	Rate	Effective	Min/Max	RA	RATES (in Dollars)		
Cost Accountant: Travis Reedy		Fund	Per	Date	(in Dollars)	Internal	External	Market	
Boat Usage	Boat-Alcyon	230390	Day	8/1/2024	na	3.100	0.000	0.000	

### Fish and Wildlife Conservation (0009)

## **Fisheries & Wildlife Science Vehicle**

Manager: Joel Snodgrass	Banner	Rate	Effective	Min/Max	RATES (in Dollars)		
Cost Accountant: Travis Reedy	Fund	Per	Date	(in Dollars)	Internal	External	Market
41-523S, 2000 Chevy Suburban	230060	Mile	4/1/2023	na	0.480	0.000	0.000
47-292S, 2012 Chevy Silverado	230060	Mile	4/1/2023	na	0.690	0.000	0.000
47-294S, 2012 Chevy Silverado	230060	Mile	4/1/2023	na	0.690	0.000	0.000
47-295S, 2012 Chevy Silverado	230060	Mile	4/1/2023	na	0.690	0.000	0.000
52-482S, 2002 Toyota pickup	230060	Mile	4/1/2023	na	0.690	0.000	0.000
57-563S, 2008 Ford Explorer	230060	Mile	4/1/2023	na	0.480	0.000	0.000
60-232S, 2011 Ford Super Duty	230060	Mile	4/1/2023	na	0.690	0.000	0.000
60-236S, 2011 Ford Super Duty	230060	Mile	4/1/2023	na	0.690	0.000	0.000
60-237S, 2011 Ford Super Duty	230060	Mile	4/1/2023	na	0.690	0.000	0.000
66-921S, 2014 Ford F150 CC	230060	Mile	4/1/2023	na	0.690	0.000	0.000
66-998S, 2014 Ford F150 CC	230060	Mile	4/1/2023	na	0.690	0.000	0.000
68-284S, 2015 Ford F150	230060	Mile	4/1/2023	na	0.690	0.000	0.000
69-968S, 2016 Nissan Front	230060	Mile	4/1/2023	na	0.690	0.000	0.000
69-974S, 2016 Ford F150	230060	Mile	4/1/2023	na	0.690	0.000	0.000
71-559S, Ford F150 CC	230060	Mile	4/1/2023	na	0.690	0.000	0.000
74-662S, Ford F150 CC	230060	Mile	4/1/2023	na	0.690	0.000	0.000
76-273S, 2019 Ford F150	230060	Mile	4/1/2023	na	0.690	0.000	0.000
79-442S, 2020 Ford F150	230060	Mile	4/1/2023	na	0.690	0.000	0.000
80-237S, 2021 Ford F-150	230060	Mile	4/1/2023	na	0.690	0.000	0.000
83-471S, 2009 Ford F350	230060	Mile	4/1/2023	na	0.690	0.000	0.000
83-495S, 2022 Ram 1500	230060	Mile	4/1/2023	na	0.690	0.000	0.000

### FLSI - Mass Spectrometry Incubator (0358)

### **Mass Spectrometry Incubator**

Manager: Kirk Felton		Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Rob Blackley		Fund	Per	Date	(in Dollars)	Internal	External	Market
Metabolomics and Small Molecules	LC-QQQ	230588	Hour	8/1/2023	na	90.000	144.000	0.000
	LC-TOF	230588	Hour	8/1/2023	na	90.000	144.000	0.000
	Project Set Up	230588	Hour	8/1/2023	na	80.000	128.000	0.000
Proteins and Polymers	MALDI-TOF/TOF Sample Characterization (non-protein)	230588	Hour	8/1/2023	na	75.000	120.000	0.000
	Protein Identification by MALDI- TOF/TOF	230588	Sample	8/1/2023	na	75.000	120.000	0.000
Proteomics	Custom Proteomics	230588	Sample	8/1/2023	na	685.000	1,096.000	0.000
	Protein Identification	230588	Sample	8/1/2023	na	325.000	520.000	0.000
	Training/ Document Prep/ Extra Data Analysis	230588	Hour	8/1/2023	na	65.000	104.000	0.000

FLSI Operations (0316)

## FLSI Advanced Imaging & Microscopy

Manager: Emery Ng	Banner	Rate	Effective	Min/Max	ax RATES (in Do		rs)
Cost Accountant: Rob Blackley	Fund	Per	Date	(in Dollars)	Internal	External	Market
Confocal Services	230320	Per Hour	5/1/2024	na	40.000	64.000	0.000
Instrument Training	230320	Per Hour	5/1/2024	na	50.000	80.000	0.000

#### For Resources & Environ Consrv (0008)

### **Forestry Vehicles**

Banner Fund	Rate Effective Per Date	Effective		RATES (in Dollars)			
		Date		Internal	External	Market	
230059	Mile	12/1/2024	na	0.380	0.000	0.000	
230059	Mile	12/1/2024	na	0.380	0.000	0.000	
230059	Mile	12/1/2024	na	0.380	0.000	0.000	
230059	Mile	12/1/2024	na	0.380	0.000	0.000	
230059	Mile	12/1/2024	na	0.380	0.000	0.000	
230059	Mile	12/1/2024	na	0.380	0.000	0.000	
230059	Mile	12/1/2024	na	0.380	0.000	0.000	
230059	Mile	12/1/2024	na	0.380	0.000	0.000	
230059	Mile	12/1/2024	na	0.380	0.000	0.000	
	Fund   230059   230059   230059   230059   230059   230059   230059   230059   230059   230059   230059   230059   230059   230059   230059   230059	Fund Per   230059 Mile   230059 Mile	FundPerDate230059Mile12/1/2024230059Mile12/1/2024230059Mile12/1/2024230059Mile12/1/2024230059Mile12/1/2024230059Mile12/1/2024230059Mile12/1/2024230059Mile12/1/2024230059Mile12/1/2024230059Mile12/1/2024	FundPerDate(in Dollars)230059Mile12/1/2024na230059Mile12/1/2024na230059Mile12/1/2024na230059Mile12/1/2024na230059Mile12/1/2024na230059Mile12/1/2024na230059Mile12/1/2024na230059Mile12/1/2024na230059Mile12/1/2024na230059Mile12/1/2024na230059Mile12/1/2024na	Fund Per Date (in Dollars) Internal   230059 Mile 12/1/2024 na 0.380   230059 Mile 12/1/2024 na 0.380	Fund Per Date (in Dollars) Internal External   230059 Mile 12/1/2024 na 0.380 0.000   230059 Mile 12/1/2024 na 0.380 0.0	

#### Forest Resources and Environmental Conservation (0324)

### **FREC Drone**

Manager: Daniel Cross	-		Rate	Effective	Min/Max (in Dollars)	RATES (in Dollars)			
Cost Accountant: Travis Reedy			Per	Date		Internal	External	Market	
Drone	eBee Drone	230403	Per Minute	6/1/2024	na	3.850	0.000	0.000	
	Headwall Sensor	230403	Per Minute	6/1/2024	na	5.320	0.000	0.000	
	SkyFish Drone	230403	Per Minute	6/1/2024	na	4.150	0.000	0.000	

#### Fralin Biomedical Research Institue (0183)

### FBRA Cellular and Molecular Imaging Core

Manager: Amy Huffman		Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Rob Blackley		Fund	Per	Date	(in Dollars)	Internal	External	Market
Cellular and Molecular Imaging	Apreo Serial BlockFace EM	230433	Per Hour	8/1/2023	na	40.000	80.000	0.000
	Apreo Serial BlockFace EM - Exted	230433	Per Hour	8/1/2023	na	30.000	60.000	0.000
	FEI TecnaiSpirit Cryo EM	230433	Per Hou	8/1/2023	na	40.000	80.000	0.000
	Nikon Spinning Disk Confocal	230433	Per Hour	8/1/2023	na	40.000	80.000	0.000
	Stellaris 8 Microscope	230433	Per Hour	8/1/2023	na	40.000	80.000	0.000
	Zeiss 700	230433	Per Hour	8/1/2023	na	40.000	80.000	0.000
	Zeiss 710	230433	Per Hour	8/1/2023	na	40.000	80.000	0.000
	Zeiss Coherent 2-Photon	230433	Per Hour	8/1/2023	na	40.000	80.000	0.000

### Fralin Biomedical Research Institute (0183)

### **FBRA Small Animal Imaging Core**

Manager: Amy Huffman		Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Rob Blackle	ey	Fund	Per	Date	(in Dollars)	Internal	External	Market
Small Animal Imaging	FUS (MRI Add On)	230994	Per Hour	6/1/2023	na	100.000	160.000	200.000
	Micro PET/CT	230994	Per Hour	6/1/2023	na	250.000	400.000	500.000
	Micro PET/CT Tracer mCi	230994	Per Hour	6/1/2023	na	31.000	50.000	62.000
	MRI/PET	230994	Per Hour	6/1/2023	na	250.000	400.000	500.000
	MRI/PET Contrast ml	230994	Per Hour	6/1/2023	na	57.000	91.000	114.000
	MRI/PET Extended Run	230994	Per Hour	6/1/2023	na	150.000	240.000	300.000

### Fralin Hall Operations (0316)

## **Confocal Microscope**

Manager: Sandy Hancock	Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Rob Blackley	Fund	Per	Date	(in Dollars)	Internal	External	Market
Confocal Microscope	230208	Hour	10/1/2023	na	38.000	61.000	0.000

#### Fralin Life Sciences Institute (0300)

### **GlycoMIP**

#### HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Linda Caudill		Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Rob Blackley		Fund	Per	Date	(in Dollars)	Internal	External	Market
Binding Interaction Analysis: Microscale thermophoresis	Proprietary/International User Fee	230147	Hour	10/1/2024	na	60.000	96.600	0.000
Binding Interaction Analysis: Microscale thermophoresis Consumables	Non-Proprietary User Fee	230147	Experiment	10/1/2024	na	2.770	4.460	0.000
	Proprietary/International User Fee	230147	Experiment	10/1/2024	na	2.770	4.460	0.000
Binding Interaction Analysis: Surface Plasmon Resonance (multiple analyses)	Proprietary/International User Fee	230147	Hour	10/1/2024	na	289.420	465.970	0.000
Binding Interaction Analysis: Surface Plasmon Resonance (multiple analyses) Consumables	Non-Proprietary User Fee	230147	8-Sample Cartridge	10/1/2024	na	97.800	157.460	0.000
	Proprietary/International User Fee	230147	8-Sample Cartridge	10/1/2024	na	97.800	157.460	0.000
Binding Interaction Analysis: Surface Plasmon Resonance (single analysis)	Proprietary/International User Fee	230147	Hour	10/1/2024	na	51.410	109.660	0.000
Binding Interaction Analysis: Surface Plasmon Resonance (single analysis) Consumables	Non-Proprietary User Fee	230147	Experiment	10/1/2024	na	16.000	25.760	0.000
	Proprietary/International User Fee	230147	Experiment	10/1/2024	na	16.000	25.760	0.000
Carbohydrate Building Block Synthesis (conventional)	Proprietary/International User Fee	230147	Hour	10/1/2024	na	2.080	3.350	0.000
Carbohydrate Building Block Synthesis (conventional) Consumables	Non-Proprietary User Fee	230147	Reaction	10/1/2024	na	6.090	9.800	0.000
	Proprietary/International User Fee	230147	Reaction	10/1/2024	na	6.090	9.800	0.000
Carbohydrate Building Block Synthesis (flow chemistry)	Proprietary/International User Fee	230147	Hour	10/1/2024	na	20.630	34.920	0.000

#### Fralin Life Sciences Institute (0300)

### **GlycoMIP**

#### HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Linda Caudill		Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Rob Blackley		Fund	Per	Date	(in Dollars)	Internal	External	Market
Carbohydrate Building Block Synthesis (flow chemistry) Consumables	Non-Proprietary User Fee	230147	Reaction	10/1/2024	na	1.970	3.170	0.000
	Proprietary/International User Fee	230147	Reaction	10/1/2024	na	1.970	3.170	0.000
Characterization Lab Support	Proprietary/International User Fee	230147	Hour	10/1/2024	na	21.000	128.400	0.000
Characterization Lab Support Consumables - Internal: Pass Through - External: Pass Through + 61%	Proprietary/International User Fee	230147	Project	10/1/2024	na	0.000	0.000	0.000
Characterization Lab Support Consumables - Pass Through Internal + 61% External	Non-Proprietary User Fee	230147	Project	10/1/2024	na	0.000	0.000	0.000
Extra Scientist Time	Non-Proprietary User Fee	230147	Hour	10/1/2024	na	37.090	59.710	0.000
	Proprietary/International User Fee	230147	Hour	10/1/2024	na	37.090	59.710	0.000
Glycomaterial purification – Normal phase HPLC	Proprietary/International User Fee	230147	Hour	10/1/2024	na	14.320	128.270	0.000
Glycomaterial purification – Normal phase HPLC Consumables	Non-Proprietary User Fee	230147	Sample	10/1/2024	na	23.560	37.930	0.000
	Proprietary/International User Fee	230147	Sample	10/1/2024	na	23.560	37.930	0.000
Glycomaterials purification – Flash Chromatography	Proprietary/International User Fee	230147	Hour	10/1/2024	na	39.170	70.780	0.000
Glycomaterials purification – Flash Chromatography Consumables	Non-Proprietary User Fee	230147	Sample	10/1/2024	na	18.290	18.29029.45018.29029.450	0.000
	Proprietary/International User Fee	230147	Sample	10/1/2024	na	18.290		0.000

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#### Fralin Life Sciences Institute (0300)

### **GlycoMIP**

#### HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Linda Caudill		Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Rob Blackley		Fund	Per	Date	(in Dollars)	Internal	External	Market
Glycomaterials purification – Reverse phase HPLC	Proprietary/International User Fee	230147	Hour	10/1/2024	na	14.320	125.290	0.000
Glycomaterials purification – Reverse phase HPLC Consumables	Non-Proprietary User Fee	230147	Sample	10/1/2024	na	101.830	163.950	0.000
	Proprietary/International User Fee	230147	Sample	10/1/2024	na	101.830	01.830 163.950	0.000
Glycomaterials structural analysis: Carbohydrate composition by HPAEC- PAD	Proprietary/International User Fee	230147	Hour	10/1/2024	na	9.500	23.800	0.000
Glycomaterials structural analysis: Carbohydrate composition by HPAEC- PAD Consumables	Non-Proprietary User Fee	230147	Sample	10/1/2024	na	107.310	172.770	0.000
	Proprietary/International User Fee	230147	Sample	10/1/2024	na	107.310	172.770	0.000
Glycomaterials structural analysis: Infrared spectroscopy	Proprietary/International User Fee	230147	Hour	10/1/2024	na	4.310	32.600	0.000
Glycomaterials structural analysis: Infrared spectroscopy (liquid phase) Consumables	Non-Proprietary User Fee	230147	Sample	10/1/2024	na	2.150	3.460	0.000
	Proprietary/International User Fee	230147	Sample	10/1/2024	na	2.150	3.460	0.000
Glycomaterials structural analysis: Infrared spectroscopy (solid phase) Consumables	Non-Proprietary User Fee	230147	Sample	10/1/2024	na	0.580	0.930	0.000
	Proprietary/International User Fee	230147	Sample	10/1/2024	na	0.580	0.930	0.000
Glycomaterials structural analysis: MALDI-based mass spectroscopy	Proprietary/International User Fee	230147	Hour	10/1/2024	na	14.700	250.000	0.000

#### Fralin Life Sciences Institute (0300)

### **GlycoMIP**

### HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Linda Caudill		Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Rob Blackley		Fund	Per	Date	(in Dollars)	Internal	External	Market
Glycomaterials structural analysis: MALDI-based mass spectroscopy Consumables	Non-Proprietary User Fee	230147	Run	10/1/2024	na	2.560	4.120	0.000
	Proprietary/International User Fee	230147	Run	10/1/2024	na	2.560	4.120	0.000
Glycomaterials structural analysis: MALDI-based mass spectroscopy imaging	Non-Proprietary User Fee	230147	Hour	10/1/2024	na	2.740	4.410	0.000
Glycomaterials structural analysis: MALDI-based mass spectroscopy imaging (MALDI 2)	Proprietary/International User Fee	230147	Hour	10/1/2024	na	17.440	75.000	0.000
Glycomaterials structural analysis: MALDI-based mass spectroscopy imaging (MALDI HTX Sprayer)	Proprietary/International User Fee	230147	Hour	10/1/2024	na	12.240	73.110	0.000
Glycomaterials structural analysis: Molecular weight determination (aqueous)	Proprietary/International User Fee	230147	Hour	10/1/2024	na	32.860	206.430	0.000
Glycomaterials structural analysis: Molecular weight determination (aqueous) Consumables	Non-Proprietary User Fee	230147	Sample	10/1/2024	na	3.070	4.940	0.000
	Proprietary/International User Fee	230147	Sample	10/1/2024	na	3.070	4.940	0.000
Glycomaterials structural analysis: Molecular weight determination (organic)	Proprietary/International User Fee	230147	Hour	10/1/2024	na	32.860	274.300	0.000
Glycomaterials structural analysis: Molecular weight determination (organic) Consumables	Non-Proprietary User Fee	230147	Sample	10/1/2024	na	4.780	7.700	0.000
	Proprietary/International User Fee	230147	Sample	10/1/2024	na	4.780	7.700	0.000

#### Fralin Life Sciences Institute (0300)

### **GlycoMIP**

#### HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Linda Caudill		Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Rob Blackley		Fund	Per	Date	(in Dollars)	Internal	External	Market
Glycomaterials structural analysis: Proteomics analysis	Proprietary/International User Fee	230147	Hour	10/1/2024	na	18.410	150.000	0.000
Glycomaterials structural analysis: Proteomics analysis Consumables	Non-Proprietary User Fee	230147	Sample	10/1/2024	na	14.980	24.120	0.000
	Proprietary/International User Fee	230147	Sample	10/1/2024	na	14.980	24.120	0.000
Glycomaterials structural analysis: UPLC/ESI-based mass spectroscopy	Proprietary/International User Fee	230147	Hour	10/1/2024	na	18.410	150.000	0.000
Glycomaterials structural analysis: UPLC/ESI-based mass spectroscopy Consumables	Non-Proprietary User Fee	230147	Run	10/1/2024	na	2.560	4.120	0.000
	Proprietary/International User Fee	230147	Run	10/1/2024	na	2.560	4.120	0.000
Glycomaterials structural analysis: Vibrational circular dichroism spectroscopy	Proprietary/International User Fee	230147	Hour	10/1/2024	na	4.310	32.600	0.000
Glycomaterials structural analysis: Vibrational circular dichroism spectroscopy (liquid phase) Consumables	Non-Proprietary User Fee	230147	Sample	10/1/2024	na	2.150	3.460	0.000
	Proprietary/International User Fee	230147	Sample	10/1/2024	na	2.150	3.460	0.000
Glycomaterials structural analysis: Vibrational circular dichroism spectroscopy (solid phase) Consumables	Non-Proprietary User Fee	230147	Sample	10/1/2024	na	0.580	0.930	0.000
	Proprietary/International User Fee	230147	Sample	10/1/2024	na	0.580	0.930	0.000
Oligosaccharide Synthesis – Glyconee	r Proprietary/International User Fee	230147	Hour	10/1/2024	na	11.350	18.270	0.000

#### Fralin Life Sciences Institute (0300)

### **GlycoMIP**

### HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Linda Caudill		Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Rob Blackley		Fund	Per	Date	(in Dollars)	Internal	External	Market
Oligosaccharide Synthesis – Vapourted	c Proprietary/International User Fee	230147	Hour	10/1/2024	na	11.350	32.380	0.000
Oligosaccharide Synthesis Vapourtec add-on	Proprietary/International User Fee	230147	Hour	10/1/2024	na	0.000	80.100	0.000
Oligosaccharide Synthesis: Glyconeer Consumables	Non-Proprietary User Fee	230147	Cycle	10/1/2024	na	67.560	108.770	0.000
	Proprietary/International User Fee	230147	Cycle	10/1/2024	na	67.560	108.770	0.000
Oligosaccharide Synthesis: Vapourtec Consumables	Non-Proprietary User Fee	230147	Hour	10/1/2024	na	11.020	17.740	0.000
	Proprietary/International User Fee	230147	Hour	10/1/2024	na	11.020	17.740	0.000
Polysaccharide modification	Proprietary/International User Fee	230147	Hour	10/1/2024	na	2.080	3.350	0.000
Polysaccharide modification Consumables	Non-Proprietary User Fee	230147	Reaction	10/1/2024	na	6.090	9.800	0.000
	Proprietary/International User Fee	230147	Reaction	10/1/2024	na	6.090	9.800	0.000
Rheological Analysis: Rheometry	Non-Proprietary User Fee	230147	Hour	10/1/2024	na	0.560	0.900	0.000
	Proprietary/International User Fee	230147	Hour	10/1/2024	na	21.190	34.120	0.000
Rheological Analysis: Viscometry	Non-Proprietary User Fee	230147	Hour	10/1/2024	na	0.560	0.900	0.000
	Proprietary/International User Fee	230147	Hour	10/1/2024	na	8.950	15.250	0.000
Synthesis Lab Support	Proprietary/International User Fee	230147	Hour	10/1/2024	na	20.630	34.420	0.000
Synthesis Lab Support Consumables - Internal: Pass Through - External: Pass Through + 61%	Proprietary/International User Fee	230147	Project	10/1/2024	na	0.000	0.000	0.000

#### Fralin Life Sciences Institute (0300)

### **GlycoMIP**

Manager: Linda Caudill		Banner	Rate	Effective	Min/Max	RA	RATES (in Dollar Internal External	
Cost Accountant: Rob Blackley		Fund	Per	Date	(in Dollars)	Internal	External	Market
Synthesis Lab Support Consumables - Pass Through Internal + 61% External	1 2	230147	Project	10/1/2024	na	0.000	0.000	0.000
Ultra-High Frequency Sonochemistry	Non-Proprietary User Fee	230147	Hour	10/1/2024	na	0.230	0.370	0.000
	Proprietary/International User Fee	230147	Hour	10/1/2024	na	12.700	23.470	0.000

#### Geosciences (0044)

### **Electron Microprobe Lab**

Manager: Lowell Moore	Banner	Rate	Effective	Min/Max	/lin/Max RA		irs)
Cost Accountant: Rob Blackley	Fund	Per	Date	(in Dollars)	Internal	External	Market
Daily Long-Term Use	230422	Per Day	11/1/2024	na	532.230	856.890	1,800.000
Hourly Short-Term Use	230422	Per Hour	11/1/2024	na	44.350	71.400	150.000

Geosciences (0044)

## **Geosciences XRF**

Manager: Lowell Moore		Banner Rate		Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Rob Blackley		Fund	Per	Date	(in Dollars)	Internal	External	Market
XRF	XRF Assistance	230473	Sample	9/1/2024	na	8.000	12.880	13.680
	XRF Instrument	230473	Sample	9/1/2024	na	14.500	23.350	23.550
	XRF Sample Preparation	230473	Sample	9/1/2024	na	1.500	2.420	7.020

Geosciences (0044)

## **VT Stable Isotope Laboratory**

Manager: Benjamin Gill	Banner	Rate	Effective	Min/Max	RATES (in Dollars)			
Cost Accountant: Rob Blackley	Fund	Per	Date	(in Dollars)	Internal	External	Market	
Process 1 Measurement of the carbon and oxygen isotope ratios of carbonate minerals or dissolved inorganic carbon	230117	sample	11/5/2024	na	4.900	7.900	0.000	
Process 2 Measurement of the abundance of organic carbon and carbon isotope ratio of organic carbon in solid sample material	230117	sample	11/5/2024	na	4.300	6.900	0.000	
Process 3 Measurement of the abundance of nitrogen and nitrogen isotope ratio in solid sample material	230117	sample	11/5/2024	na	5.200	8.400	0.000	
Process 4 Measurment of abundance of carbon and nitrogen and carbon and nitrogen isotope ratios in solid sample material	230117	sample	11/5/2024	na	5.700	9.200	0.000	
Process 5 Measurement of the sulfur isotope ratio of solid sample material	230117	sample	11/5/2024	na	17.300	27.900	0.000	
Process 6 Iron Speciation Analysis	230117	sample	11/5/2024	na	11.900	19.200	0.000	
Process 7 Measure of the abundance of carbon and nitrogen in solid sample material	230117	sample	11/5/2024	na	2.700	4.300	0.000	
Process 8 Measurement of the abundance carbon and sulfur in solid materials	230117	sample	11/5/2024	na	3.000	4.800	0.000	

#### Horticulture (0011)

## **Keck Greenhouse**

Manager: Jeff Burr	Banne	r Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Rob Blackley	Fund	Per	Date	(in Dollars)	Internal	External	Market
Greenhouse	230357	Square Foot	11/1/2024	na	0.050	0.080	0.000

### Horticulture (0011)

### **SPES Greenhouse**

Manager: Jeff Burr	Banne	er Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Rob Blackley	Func	d Per	Date	(in Dollars)	Internal	External	Market
Greenhouse	230351	Square Foot	2/1/2024	na	0.009	0.014	0.000

### Human Nutrition, Foods & Exercise (0131)

### **Metabolism Core**

### HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Robert Grange	Banner	Rate	Effective	Min/Max	RATES (in Dollars)			
Cost Accountant: Rob Blackley	Fund	Per	Date	(in Dollars)	Internal	External	Market	
BCA Assay	230348	Sample	8/1/2023	na	24.000	38.400	0.000	
BHAD Activity	230348	Sample	8/1/2023	na	5.000	8.000	0.000	
Blood Draw-Sac	230348	Ea	8/1/2023	na	2.000	3.200	0.000	
Cell Culture Bioenergetics (XFe24)	230348	EA	8/1/2023	na	143.000	228.800	0.000	
Cell Culture Bioenergetics (XFe96)	230348	EA	8/1/2023	na	146.000	233.600	0.000	
Cell Substrate Metabolism	230348	EA	8/1/2023	na	35.000	56.000	0.000	
Cheek Punch	230348	Ea	8/1/2023	na	4.000	6.400	0.000	
Citrate Synthase Activity	230348	Sample	8/1/2023	na	5.000	8.000	0.000	
Cytochrome C Oxidase Activity	230348	Sample	8/1/2023	na	4.000	6.400	0.000	
Glucose Tolerance Testing	230348	Ea	8/1/2023	na	5.000	8.000	0.000	
Histology: Cryo-Sectioning	230348	Slide	8/1/2023	na	5.000	8.000	0.000	
Histology-Microtome Sectioning	230348	Slide	8/1/2023	na	5.000	8.000	0.000	
In Vitro Muscle Function	230348	EA	8/1/2023	na	52.000	83.200	0.000	
In Vitro Substrate Metabolism	230348	EA	8/1/2023	na	10.000	16.000	0.000	
In Vivo Muscle Function	230348	EA	8/1/2023	na	14.000	22.400	0.000	
Injection	230348	Ea	8/1/2023	na	3.000	4.800	0.000	
Insulin Tolerance Testing	230348	EA	8/1/2023	na	10.000	16.000	0.000	
MDH Activity	230348	Sample	8/1/2023	na	2.000	3.200	0.000	
Mitochondria Function:Pyruvate-Malate	230348	Plate	8/1/2023	na	158.000	252.800	0.000	
Mitochondria Function:Succinate- Rotenone	230348	Plate	8/1/2023	na	139.000	222.400	0.000	
Mitochondria Function:TMPD Electron Flow	230348	Plate	8/1/2023	na	132.000	211.200	0.000	

Approved Rates as of 2/3/2025 8:55:25 AM

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### Human Nutrition, Foods & Exercise (0131)

## **Metabolism Core**

Manager: Robert Grange	Banner	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)			
Cost Accountant: Rob Blackley	Fund				Internal	External	Market	
NMR	230348	Ea	8/1/2023	na	12.000	19.200	0.000	
O2K Mitochondria Function	230348	EA	8/1/2023	na	32.000	51.200	0.000	
Oxymax Clams System	230348	EA	8/1/2023	na	25.000	40.000	0.000	
Running Wheel Activity	230348	EA	8/1/2023	na	14.000	22.400	0.000	
Tech Rate	230348	Per Hour	8/1/2023	na	16.000	25.600	0.000	
Treadmill	230348	EA	8/1/2023	na	9.000	9.600	0.000	

### **ICTAS (0474)**

## **Nanoscale Characterization and Fabrication Lab**

Manager: Matthew Hull	Banner	Rate	Effective	Min/Max	RATES (in Dollars)			
Cost Accountant: Rob Blackley	Fund	Per	Date	(in Dollars)	Internal	External	Market	
3D DVM	230470	Hour	1/1/2024	na	17.000	27.000	41.000	
BET	230470	Hour	1/1/2024	na	11.000	18.000	29.000	
Cyro-Ultra Microtome	230470	Hour	1/1/2024	na	19.000	30.000	54.000	
DLS	230470	Hour	1/1/2024	na	14.000	22.000	36.000	
E-SEM	230470	Hour	1/1/2024	na	40.000	64.000	91.000	
FIB	230470	Hour	1/1/2024	na	45.000	72.000	102.000	
Polishing Papers & Cloths	230470	Paper	1/1/2024	na	2.000	3.000	6.000	
Raman-AFM	230470	Hour	1/1/2024	na	18.000	29.000	60.000	
SEM JEOL IT500HR	230470	Hour	1/1/2024	na	40.000	64.000	91.000	
SEM LEO	230470	Hour	1/1/2024	na	40.000	64.000	91.000	
SEM Sample Prep	230470	Run	1/1/2024	na	17.000	27.000	41.000	
Technical Assistance and Training	230470	Hour	1/1/2024	na	57.000	91.000	91.000	
TEM EM 420	230470	Hour	1/1/2024	na	28.000	45.000	68.000	
TEM JEOL 2100	230470	Hour	1/1/2024	na	51.000	82.000	113.000	
TEM Sample Prep	230470	Hour	1/1/2024	na	17.000	27.000	41.000	
Triboindenter	230470	Hour	1/1/2024	na	18.000	29.000	54.000	
UV-Vis-NIR	230470	Hour	1/1/2024	na	6.000	10.000	15.000	
Veeco AFM	230470	Hour	1/1/2024	na	24.000	38.000	58.000	
XPS	230470	Hour	5/1/2024	na	25.000	54.000	108.000	
XPS Surface Survey	230470	Sample	1/1/2024	na	23.000	37.000	90.000	

### IT Management (0127)

### **High Performance Computing Service Center**

Manager: Lynne Caver		Banne	ner Rate	Effective	Min/Max	RATES (in Dollars)			
Cost Accountant: Rob Bla	ackley	Fund	l Per	Date	(in Dollars)	Internal	External	Market	
Backup Service	Backup Service	230418	TB/Month	10/1/2024	na	8.398	13.520	0.000	
Consulting	Consulting	230418	Per Hour	10/1/2024	na	85.075	136.971	0.000	
Storage	Storage	230418	TB/Month	10/1/2024	na	7.565	12.180	0.000	
TinkerCliffs CPU	TinkerCliffs CPU	230418	Per Core-hour	10/1/2024	na	0.010	0.016	0.000	
TinkerCliffs GPU	TinkerCliffs GPU	230418	GPU/Hour	10/1/2024	na	1.132	1.823	0.000	

### Mechanical Engineering (0107)

### **APPL Service Center**

Manager: Todd Lowe	Banner	Rate Per	Effective	Min/Max	RATES (in Dollars)			
Cost Accountant: Rob Blackley	Fund		Date	(in Dollars)	Internal	External	Market	
Compressor	230322	Hour	3/1/2023	na	110.000	176.000	0.000	
Hourly Labor	230322	Hour	3/1/2023	na	53.000	85.000	0.000	
M250	230322	Hour	3/1/2023	na	1,579.000	2,526.000	0.000	
Occupancy	230322	Day	3/1/2023	na	1,179.000	1,583.000	0.000	
Turbo Lab	230322	Hour	3/1/2023	na	1,455.000	2,300.000	0.000	

Physics (0052)

## **Nonlinear Imaging & Spectroscopy Lab**

Manager: Giti Khodaparast	Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Rob Blackley	Fund	Per	Date	(in Dollars)	Internal	External	Market
Usage	230137	per Hour	11/1/2023	na	28.000	0.000	0.000

Psychology (0053)

## **Blacksburg Neuroimaging Center**

Manager: Michael Stankiewicz	Banner	Rate	Effective	Min/Max	RA	TES (in Dolla	rs)
Cost Accountant: Rob Blackley	Fund	Per	Date	(in Dollars)	Internal	External	Market
Hourly Short-Term Use	230439	Per Hour	2/1/2025	na	500.000	751.560	0.000

#### School of Plant and Environmental Sciences (0003)

### **SPES Central Soil & Water Lab**

### HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Athena Tilley	Banner	Rate	Rate Effective	Min/Max	RATES (in Dollars)			
Cost Accountant: Rob Blackley	Fund	Per	Date	(in Dollars)	Internal	External	Market	
Bulk Density Assisted	230693	Sample	10/1/2024	na	1.700	2.740	0.000	
Bulk Density Unassisted	230693	Sample	10/1/2024	na	0.010	0.000	0.000	
CEC Assisted	230693	Sample	10/1/2024	na	42.060	67.720	0.000	
CEC Unassisted	230693	Sample	10/1/2024	na	4.100	0.000	0.000	
CILAS Assisted	230693	Sample	10/1/2024	na	6.500	10.470	0.000	
CILAS Unassisted	230693	Sample	10/1/2024	na	4.000	0.000	0.000	
Effective CEC Assisted	230693	Sample	10/1/2024	na	19.600	31.560	0.000	
Effective CEC Unassisted	230693	Sample	10/1/2024	na	6.900	0.000	0.000	
Extractable N Assisted	230693	Sample	10/1/2024	na	3.930	6.330	0.000	
Extractable N Unassisted	230693	Sample	10/1/2024	na	0.800	0.000	0.000	
ICPMS Assisted	230693	Sample	10/1/2024	na	8.310	13.380	0.000	
ICPMS Unassisted	230693	Sample	10/1/2024	na	3.200	0.000	0.000	
Mars Express Assisted	230693	Sample	10/1/2024	na	4.710	7.580	0.000	
Mars Express Unassisted	230693	Sample	10/1/2024	na	3.800	0.000	0.000	
Mehich 1 Assisted	230693	Sample	10/1/2024	na	6.790	10.930	0.000	
Mehich 1 Unassisted	230693	Sample	10/1/2024	na	3.600	0.000	0.000	
Partical Size Analysis Assisted	230693	Sample	10/1/2024	na	17.490	28.160	0.000	
Partical Size Analysis Unassisted	230693	Sample	10/1/2024	na	9.880	0.000	0.000	
PPA Assisted	230693	Sample	10/1/2024	na	33.160	53.390	0.000	
PPA Unassisted	230693	Sample	10/1/2024	na	1.500	0.000	0.000	
Pressure Plate Extractors Assisted	230693	Sample	10/1/2024	na	9.430	15.180	0.000	
Pressure Plate Extractors Unassisted	230693	Sample	10/1/2024	na	7.100	0.000	0.000	

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#### School of Plant and Environmental Sciences (0003)

### **SPES Central Soil & Water Lab**

### HokieMart customers are required to debit (charge) account code 1244R when creating purchase orders.

Manager: Athena Tilley	Banner	Rate	Effective	Min/Max	RATES (in Dollars)			
Cost Accountant: Rob Blackley	Fund	Per	Date	(in Dollars)	Internal	External	Market	
Rock Crushing Assisted	230693	Sample	10/1/2024	na	18.990	30.570	0.000	
Sat. Paste pH/EC Assisted	230693	Sample	10/1/2024	na	12.840	20.670	0.000	
Sat. Paste pH/EC Unassisted	230693	Sample	10/1/2024	na	4.900	0.000	0.000	
Saturated Hydraulic Conductivity Assisted	230693	Sample	10/1/2024	na	37.990	61.160	0.000	
Sobek-NP Assisted	230693	Sample	10/1/2024	na	17.750	28.580	0.000	
Sobek-NP Unassisted	230693	Sample	10/1/2024	na	5.100	0.000	0.000	
Soil Acidity Assisted	230693	Sample	10/1/2024	na	7.570	12.190	0.000	
Soil Acidity Unassisted	230693	Sample	10/1/2024	na	3.800	0.000	0.000	
Soil Grinding and Sieving #10 2mm Assisted	230693	Sample	10/1/2024	na	9.920	15.970	0.000	
Soil Grinding and Sieving #10 2mm Unassisted	230693	Sample	10/1/2024	na	3.900	0.000	0.000	
Soil Grinding and Sieving #80 177um Assisted	230693	Sample	10/1/2024	na	15.920	25.630	0.000	
Soil Grinding and Sieving #80 177um Unassisted	230693	Sample	10/1/2024	na	3.900	0.000	0.000	
TOC/TN/IC40 Assisted	230693	Sample	10/1/2024	na	7.420	11.950	0.000	
TOC/TN/IC40 Unassisted	230693	Sample	10/1/2024	na	6.120	0.000	0.000	
Total Digest Assisted	230693	Sample	10/1/2024	na	11.990	19.300	0.000	
Total Digest Unassisted	230693	Sample	10/1/2024	na	2.500	0.000	0.000	
Total Dissolved Solids Assisted	230693	Sample	10/1/2024	na	10.890	17.530	0.000	
Total Dissolved Solids Unassisted	230693	Sample	10/1/2024	na	4.400	0.000	0.000	
Water Acidity Assisted	230693	Sample	10/1/2024	na	27.990	45.060	0.000	
Water Acidity Unassisted	230693	Sample	10/1/2024	na	2.500	0.000	0.000	

Approved Rates as of 2/3/2025 8:55:25 AM

Rates are subject to change without notice. Consult service center prior to usage to verify current rate.

#### School of Plant and Environmental Sciences (0003)

### **SPES Central Soil & Water Lab**

Manager: Athena Tilley	Banner	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
Cost Accountant: Rob Blackley	Fund				Internal	External	Market
Water Alkalinity Assisted	230693	Sample	10/1/2024	na	27.990	45.060	0.000
Water Alkalinity Unassisted	230693	Sample	10/1/2024	na	2.500	0.000	0.000
Water Filtering Assisted	230693	Sample	10/1/2024	na	13.990	22.520	0.000
Water Filtering Unassisted	230693	Sample	10/1/2024	na	1.500	0.000	0.000
Water Sampling	230693	Hour	10/1/2024	na	38.690	62.290	0.000

### Veterinary Medicine Experiment Sta. (0033)

## **Flow Cytometry Lab**

Manager: Melissa Makris		Banner	Rate Per	Effective Date	Min/Max (in Dollars)	RATES (in Dollars)		
Cost Accountant: Rob Blackle	ost Accountant: Rob Blackley					Internal	External	Market
Cytometers	Analysis	230043	Hour	6/1/2024	na	62.000	99.000	0.000
	Instrument Time	230043	Hour	6/1/2024	na	123.000	197.000	0.000

#### Veterinary Medicine Experiment Sta. (0033)

### **Toxicology Lab**

Manager: Alejandro Saiden Go	nager: Alejandro Saiden Gonzalez		Rate	Effective	Min/Max	RATES (in Dollars)		
Cost Accountant: Rob Blackley		Fund	Per	Date	(in Dollars)	Internal	External	Market
Metals & Minerals	R029 Metals/Minerals Screen (Tier 1)	230176	Sample	2/1/2025	na	85.000	137.000	0.000
	R047 Metals/Minerals Screen (Tier 2)	230176	Sample	2/1/2025	na	21.000	34.000	0.000
	R051 Metals/Minerals Screen (Tier 3)	230176	Sample	2/1/2025	na	11.000	18.000	0.000
Miscellaneous	R023 LC-MS/MS Assay (Tier 1)	230176	Sample	2/1/2025	na	85.000	137.000	0.000
	R050 Prep Fee/Extra Time Required	230176	Hour	2/1/2025	na	42.000	68.000	0.000
	R052 LC-MS/MS Assay (Tier 2)	230176	Sample	2/1/2025	na	55.000	89.000	0.000

### Veterinary Medicine Experiment Sta. (0033)

## Vet Med - Statistical Consulting Lab

Manager: Stephen Werre		Banner	Rate	Effective	Min/Max	RATES (in Dollars)		
Cost Accountant: Rob Blackley		Fund	Per	Date	(in Dollars)	Internal	External	Market
Consulting Lab	Statisical Consulting	230280	Hour	11/1/2023	na	64.000	102.000	0.000

### Virginia Tech Transportation Instit (0308)

### VTTI Smart Road

Manager: Ryan Naff	Banner	Rate	Effective	Min/Max	RATES (in Dollars)		
Cost Accountant: Rob Blackley	Fund	Per	Date	(in Dollars)	Internal	External	Market
Control Room	230209	Hour	2/1/2024	na	203.000	0.000	338.000
Lighting	230209	Hour	2/1/2024	na	198.000	0.000	0.000
Weather (includes rain, snow, and fog)	230209	Hour	2/1/2024	na	618.000	0.000	0.000

### Virginia Tech Transportation Instit (0308)

### **VTTI Support Vehicles**

Manager: Pascha Gerni	Banner	Rate	Rate Effective	e Min/Max	RATES (in Dollars)			
Cost Accountant: Rob Blackley	Fund	Per	Date	(in Dollars)	Internal	External	Market	
Sedan	230384	Mile	4/1/2023	na	0.710	0.000	0.000	
SUV/All-Wheel/Van	230384	Mile	4/1/2023	na	1.080	0.000	0.000	

### VT Carilion (VTC) Res. Institute (0183)

## **FBRI CT Scanner**

Manager: Sherri Cook	Banner	Rate	Effective	Min/Max	RATES (in Dollars)			
Cost Accountant: Rob Blackley	Fund	Per	Date	(in Dollars)	Internal	External	Market	
Contrast	230178	Per 10 mL	4/1/2024	na	12.500	19.500	0.000	
CT Scanner	230178	Per Scan	4/1/2024	na	500.000	1,540.000	0.000	

### VT Carilion (VTC) Res. Institute (0183)

## VTCRI Human Neuroimaging Lab (HNL)

Manager: Diana Alexander	Banner Rate Effective		ctive Min/Max	RATES (in Dollars)			
Cost Accountant: Rob Blackley	Fund	Per	Date	(in Dollars)	Internal	External	Market
HNL	230284	Hour	2/1/2025	na	500.000	805.000	0.000