

Georgia Institute of Technology  
Grants and Contracts Accounting  
Service/Recharge Center Rate Studies  
9/7/2021

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service								
					Basis	Amount									
2.	Glass Shop	Chemistry	7/1/17	7/1/20	Hour	\$75	Personal Services & Equipment Services, Internal (GA Tech) Personal Services & Equipment Services, External - Academic Personal Services & Equipment Services, External Industry Supplies								
					Hour	\$75									
					Hour	\$107									
					Cost	Cost									
3.	NEETRAC Consulting Services	ECE	1/1/20		Hour	\$127	Senior Research Engineer Research Engineers Research Coordinators Research Technicians								
					Hour	\$95									
					Hour	\$70									
					Hour	\$44									
4.	NEETRAC Platform Services	ECE	7/1/18		Day	\$149	Platform Service Processing HVL - Lab Area MVL MG Materials Lab - FQA Building 3 - West High Bay Building 3 - East High Bay Outdoor								
					Day	\$633									
					Day	\$171									
					Day	\$93									
					Day	\$128									
					Day	\$122									
					Day	\$136									
					Day	\$491									
6.	NMR Center	Chemistry	8/1/18	7/1/20			<u>Educational Institutions</u> Personal Services, Other Tier A Hourly Rate  Tier B Hourly Rate  Tier C First 8 hour rate Extended time rate  Tier D First 8 hour rate Extended time rate  Tier E First 8 hour rate Extended time rate  <u>External</u> Personal Services, Other Machine Service, per hour: Hourly Rate								
								Hour	\$40						
								Hour	\$10						
								Hour	\$7						
								Hour	\$25						
								Hour	\$7						
								Hour	\$18						
								Hour	\$7						
								Hour	\$12						
								Hour	\$7						
								Hour	\$73						
								Hour	\$28						
								7.	Materials Characterization Facility	IEN/MAT	9/1/20				<u>Internal Academic</u> Staff Time Equipment Group 1 Tier 1 Tier 2  Equipment Group 2 Tier 1 Tier 2
Hour	\$20														
Hour	\$10														
Hour	\$36														
Hour	\$18														

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					Basis	Amount	
							Equipment Group 3
					Hour	\$76	Tier 1
					Hour	\$38	Tier 2
							<u>External Academic</u>
					Hour	\$75	Staff Time
							Equipment Group 1
					Hour	\$20	Tier 1
					Hour	\$10	Tier 2
							Equipment Group 2
					Hour	\$36	Tier 1
					Hour	\$18	Tier 2
							Equipment Group 3
					Hour	\$76	Tier 1
					Hour	\$38	Tier 2
							<u>Industrial</u>
					Hour	\$75	Staff Time
							Equipment Group 1
					Hour	\$30	
					Hour	\$60	Equipment Group 2
							Equipment Group 3
					Hour	\$150	
9.	IEN Micro/Nano Fabrication Facility	IEN	12/1/20				<u>Internal Academic</u>
					Month	\$220	Facility Entry Fee, (Inorganic Cleanroom)
					Month	\$0	Facility Entry Fee, (Organic Cleanroom)
					Hour	\$22	Cleanroom Supply Use
					Hour	\$100	Research/Equipment Services Time
					Month	\$3,000	Special Projects Usage
					Hour	\$10	Back-End Processing Tools
					Hour	\$60	EBL Machine Time
					Hour	\$25	Laser Machining Lab Class 1 Tools
					Hour	\$35	Laser Machining Lab Class 2 Tools
					Hour	\$50	Laser Machining Lab Class 3 Tools
							<u>External Academic</u>
					Month	\$220	Facility Entry Fee, (Inorganic Cleanroom)
					Month	\$0	Facility Entry Fee, (Organic Cleanroom)
					Hour	\$22	Cleanroom Supply Use
					Hour	\$100	Research/Equipment Services Time
					Month	\$3,000	Special Projects Usage
					Hour	\$10	Back-End Processing Tools
					Hour	\$60	EBL Machine Time
					Hour	\$25	Laser Machining Lab Class 1 Tools
					Hour	\$35	Laser Machining Lab Class 2 Tools
					Hour	\$50	Laser Machining Lab Class 3 Tools

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					Basis	Amount	
							<u>INDUSTRIAL RATES</u>
					Month	\$605	Facility Entry Fee, (Inorganic Cleanroom)
					Month	\$0	Facility Entry Fee, (Organic Cleanroom)
					Hour	\$22	Cleanroom Supply Use
					Hour	\$100	Research/Equipment Services Time
					Month	\$4,392	Special Projects Usage
					Hour	\$15	Back-End Processing Tools
					Hour	\$90	EBL Machine Time
					Hour	\$35	Laser Machining Lab Class 1 Tools
					Hour	\$40	Laser Machining Lab Class 2 Tools
					Hour	\$76	Laser Machining Lab Class 3 Tools
10.	Printing and Copying Center	OIT	7/1/21		Hour	\$84	Typesetting/Variable Data/Design Services
					Hour	\$44	Ryobi Services
					Hour	\$55	Therm-O Type
					Copy	\$0.09	Quick Copy Services, plus paper
					Copy	\$0.19	Color Copier, plus paper
					Hour	\$15	Bindery Hand Labor Services
					Hour	\$41	Cutter Services
					Hour	\$77	Duplo Booklet Maker Services
					Hour	\$66	Folder Services
					Cost plus	\$0	Postage Services
					Hour	\$66	Inkjet Mailer
					Hour	\$100	Envelope Inserter
					Hour	\$29	Small Bind Services
					Copy	\$0.04	Student Printing
					Copy	\$0.19	Student Color Printing
					Sq. Ft.	\$3.49	Wide Format Printing
					Cost plus	16%	Supplies & Third Party
13.	Stable Isotope Facility	EAS	7/1/21		Hour	\$18	<u>Educational Institutions</u> Machine Service
					Hour	\$18	<u>External Non-Profit / Other Academic</u> Machine Service
					Hour	\$28	<u>External For-Profit / Industry</u> Machine Service
14.	Packaging Research Center	IEN	9/1/20		Hour	\$60	<u>US Academic Institutions</u> Staff Time
					Hour per tool	\$5	Cleanroom Substrate Laboratory
					Hour per tool	\$16	Plating Laboratory
					Hour per tool	\$5	Assembly Lab
					Hour per tool	\$2	Environmental Testing Area
					Hour per tool	\$5	Materials Laboratory
					Hour per tool	\$6	419 Substrate Laboratory

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					Basis	Amount	
							<u>US Foreign Institutions and Industry</u>
					Hour	\$60	Staff Time
					Hour per tool	\$7	Cleanroom Substrate Laboratory
					Hour per tool	\$22	Plating Laboratory
					Hour per tool	\$7	Assembly Lab
					Hour per tool	\$3	Environmental Testing Area
					Hour per tool	\$7	Materials Laboratory
					Hour per tool	\$8	419 Substrate Laboratory
15.	Mass Spectrometry Lab	Chemistry	5/9/16				<u>INTERNAL (GA Tech)</u>
					Hour	\$12	Personal Services
					Hour	\$12	Instrument Services
							<u>OTHER EDUCATIONAL INSTITUTIONS RATE</u>
					Hour	\$12	Personal Services
					Hour	\$12	Instrument Services
							<u>INDUSTRIAL RATE</u>
					Hour	\$117	Personal Services
					Hour	\$41	Instrument Services
17.	Physiological Research Lab (Vivarium)	IBB	2/1/21		Hour	\$30	Assistance & Special Labor
					Hour	\$30	Assistance & Special Labor - Vet
					Hour	\$30	Assistance & Special Labor - Mgr/Expert
					Hour	\$30	Assistance & Special Labor - Breeding
					Hour	\$10	Room Rental
					per cage	\$20	Cage Splitting
					per use	\$45	Faxitron Use
					per day	\$20	Anesthesia Machine Use
					per cycle	\$25	Gas Sterilization
					Hour	\$30	Animal Receiving
							<u>ANIMAL HUSBANDRY:</u>
							<u>Mice &amp; Rats</u>
					Cage per Day	\$0.60	Mice-Conventional
					Cage per Day	\$0.90	Mice-Sterile Caging
					Cage per Day	\$0.90	Mice-Hazard
					Cage per Day	\$0.60	Mice-Breeding
					Cage per Day	\$0.90	Rats-Conventional
					Cage per Day	\$1.20	Rats-Sterile Caging
					Cage per Day	\$1.20	Rats-Hazard
					Cage per Day	\$1.20	Rodent-Special Caging
							<u>Other Species</u>
					Tank Days	\$0.07	Fish Glass
					Tank Days	\$0.02	Fish Plastic
					Tank	\$0.15	Fish Spawning
					Tank Days	\$0.12	Fish Quarantine
					Animal	\$0.80	Amphibians
					Animal	\$0.80	Reptiles
					Cage Days	\$1.20	Cotton rats
					Animal Day	\$2.79	Rabbits
					Animal Day	\$2.10	Guinea Pigs
					Animal Day	\$4.59	Cats
					Animal Day	\$6.00	Ferrets
					Sm Load	\$0.10	Autoclave

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18.	Histology Lab	IBB	7/1/20				<u>GT Internal</u>
				Hour	\$20		Personal Services
				Hour	\$20		Consultation
				Hour	\$20		Training
							<b>Processing:</b>
				Sample	\$5		Parraffin (Routine)
				Sample	\$7		Parraffin (Special)
				Sample	\$22.60		Resin
							<b>Embedding:</b>
				Sample	\$25		Frozen
				Sample	\$2		Parraffin
				Sample	\$20		Resin
							<b>Sectioning:</b>
				Slide	\$3		Frozen
				Slide	\$1		Paraffin
				Slide	\$10		Resin
				Cut	\$50		Isomet
				Slide	\$12		Exakt Grinding
							<b>Staining:</b>
				Slide	\$2		Deparaffinization
				Slide	\$2		Dehydration
				Slide	\$2		Hematoxylin Counterstain
				Slide	\$3.50		H&E
				Slide	\$10		Special
				Slide	\$30		IHC
							<b>Other</b>
				Slide	\$10		Antigen Retrieval
				Slide	\$2		Coverslipping
				Sample	\$8		Decalcification
				Sample	\$5		Deplasticization
					COST		Supplies - Pass Through
							<u>Other Academic &amp; Industry Partner</u>
				Hour	\$28		Personal Services
				Hour	\$28		Consultation
				Hour	\$28		Training
							<b>Processing:</b>
				Sample	\$6		Parraffin (Routine)
				Sample	\$7.50		Parraffin (Special)
				Sample	\$32.60		Resin
							<b>Embedding:</b>
				Sample	\$50		Frozen
				Sample	\$5		Parraffin
				Sample	\$20.50		Resin
							<b>Sectioning:</b>
				Slide	\$3.90		Frozen
				Slide	\$1.50		Paraffin
				Slide	\$16		Resin
				Cut	\$75		Isomet
				Slide	\$13		Exakt Grinding

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					Basis	Amount	
							<b>Staining:</b>
					Slide	\$3.75	Deparaffinization
					Slide	\$3.75	Dehydration
					Slide	\$3.75	Hematoxylin Counterstain
					Slide	\$3.75	H&E
					Slide	\$25	Special
					Slide	\$60	IHC
					Slide	\$12.50	<b>Other</b> Antigen Retrieval
					Slide	\$3.50	Coverslipping
					Sample	\$9	Decalcification
					Sample	\$6	Deplasticization
						COST	Supplies - Pass Through
							<u>Industry</u>
					Hour	\$35.74	Personal Services
					Hour	\$35.74	Consultation
					Hour	\$35.74	Training
							<b>Processing:</b>
					Sample	\$7.71	Parraffin (Routine)
					Sample	\$9.05	Parraffin (Special)
					Sample	\$61.59	Resin
							<b>Embedding:</b>
					Sample	\$112.70	Frozen
					Sample	\$11.63	Parraffin
					Sample	\$29.94	Resin
							<b>Sectioning:</b>
					Slide	\$3.90	Frozen
					Slide	\$2.99	Paraffin
					Slide	\$32.13	Resin
					Cut	\$170.37	Isomet
					Slide	\$19.75	Exakt Grinding
							<b>Staining:</b>
					Slide	\$5.55	Deparaffinization
					Slide	\$5.55	Dehydration
					Slide	\$5.55	Hematoxylin Counterstain
					Slide	\$5.55	H&E
					Slide	\$55.58	Special
					Slide	\$132.47	IHC
							<b>Other</b>
					Slide	\$21.40	Antigen Retrieval
					Slide	\$6.88	Coverslipping
					Sample	\$14.46	Decalcification
					Sample	\$10.12	Deplasticization
						COST	Supplies - Pass Through
20.	Georgia Industrial Fellowships for Teachers	CEISMC	7/1/21				<u>On Campus Rate</u>
					Participant	\$1,750	Participant Charge
							<u>Off Campus Rate</u>
					Participant	\$2,500	Participant Charge

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					Basis	Amount	
21.	Testing Services	RBI	10/1/19			<u>INTERNAL, ACADEMIC, INDUSTRY MEMBERS</u>	
				Hour	\$90	Senior Scientist	
				Hour	\$68	Analyst	
						<u>INDUSTRIAL - NON-MEMBER</u>	
				Hour	\$99	Senior Scientist	
		Hour	\$75	Analyst			
		Hour	\$60	Consulting Services			
22.	Technical Services Organization	CoC	11/6/15	EFT per year	\$6,123	Computing & Networking Services	
24.	Professional Education	GTPE	6/23/16			<u>GTPE Administrative Charge - Sponsored PE Contracts</u>	
				Federal	Other		
				26.5%	27.5%	Contract Value < \$5K	
				22.0%	23.0%	Contract Value \$5K - < \$10K	
				12.5%	13.5%	Contract Value \$10K - < \$30K	
				10.5%	11.5%	Contract Value \$30K - < \$50K	
				8.5%	9.5%	Contract Value \$50K - < \$100K	
9.0%	10.0%	Contract Value > \$100K					
26.	3-D Printer	COD	7/14/17			<u>GT Student Enrolled in COD Studio:</u>	
				Cubic Inch	\$4.75	Dimension FDM Printing	
				ML	\$0.37	Form 2 - High Res Clear and White	
				ML	\$0.50	Form 2 - Rubber	
				Cubic Inch	\$5.50	Zcorp - Powder	
						<u>Internal Non COD &amp; Federal Entities</u>	
				Cubic Inch	\$9.50	Dimension FDM Printing	
				ML	\$0.74	Form 2 - High Res Clear and White	
				ML	\$1.00	Form 2 - Rubber	
				Cubic Inch	\$6.72	Zcorp - Powder	
		<u>External</u>					
		Hour	\$9.03	Instrument Services			
29.	Microanalysis Center	MSE	3/28/14			<u>Internal</u>	
				Hour	\$30	Personal Services	
				Hour	\$30	Instrument Services	
						<u>Industrial</u>	
				Hour	\$36	Personal Services	
		Hour	\$45	Instrument Services			
30.	NMRI-MR Imaging Facility	BME	7/1/18			<u>Internal</u>	
				Hour	\$70	Personal Services - (1 hour minimum)	
				Hour	\$110	Instrument Services - (1 hour minimum)	
						<u>External (Industry)</u>	
				Hour	\$72	Personal Services - (1 hour minimum)	
		Hour	\$241	Instrument Services - (1 hour minimum)			
34.	Optical Microscopy	IBB	11/7/17			<u>Georgia Tech</u>	
				Hour	\$22	Instrument Services	
				Hour	\$24	Personal Services	

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					Basis	Amount	
							<u>Affiliates and Industry Partners</u>
					Hour	\$30	Instrument Services
					Hour	\$32	Personal Services
							<u>Industry</u>
					Hour	\$105	Instrument Services
					Hour	\$69	Personal Services
35.	Vacuum Test Facility	AE	2/24/16				<u>Internal &amp; External</u>
					Day	\$621	Main Chamber Set Up
					Day	\$1,605	Main Chamber Usage
					Day	\$621	Small Chamber Set Up
					Day	\$1,605	Small Chamber Usage
43.	Invention Studio Center	ME	7/1/19				<u>Internal</u>
					Cubic Inch	\$30	Objet Eden
					Cubic Inch	\$20	F170
					Cubic Inch	\$25	EOS Formiga
							<u>External/Industry</u>
					Cubic Inch	\$60	Objet Eden
					Cubic Inch	\$48	F170
					Cubic Inch	\$33	EOS Formiga
47.	PACE	OIT	1/1/21				<u>Internal</u>
							<u>Group A - General HPC</u>
					Server-yr	\$1,386	[GEN] cpu-192GB
					Server-yr	\$1,567	[GEN] cpu-384GB
					Server-yr	\$1,835	[GEN] cpu-384GB-SAS
					Server-yr	\$1,835	[GEN] cpu-768GB
					Server-yr	\$2,418	[GEN] cpu-768GB-SAS
					Server-yr	\$3,897	[GEN] gpu-192GB-v100
					Server-yr	\$5,035	[GEN] gpu-384GB-RTX6000
					Server-yr	\$4,069	[GEN] gpu-384GB-v100
					Server-yr	\$5,240	[GEN] gpu-768GB-RTX6000
					Server-yr	\$4,437	[GEN] gpu-768GB-v100
					C/GPU-hr	\$0.0068	[GEN] cpu-192GB
					C/GPU-hr	\$0.0077	[GEN] cpu-384GB
					C/GPU-hr	\$0.0091	[GEN] cpu-384GB-SAS
					C/GPU-hr	\$0.0091	[GEN] cpu-768GB
					C/GPU-hr	\$0.0119	[GEN] cpu-768GB-SAS
					C/GPU-hr	\$0.2307	[GEN] gpu-192GB-v100
					C/GPU-hr	\$0.1491	[GEN] gpu-384GB-RTX6000
					C/GPU-hr	\$0.2409	[GEN] gpu-384GB-v100
					C/GPU-hr	\$0.1551	[GEN] gpu-768GB-RTX6000
					C/GPU-hr	\$0.2627	[GEN] gpu-768GB-v100



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<b>Group B - CUI HPC</b>							
					Server-yr	\$1,365	[GEN] cpu-192GB
					Server-yr	\$2,079	[GEN] cpu-384GB
					Server-yr	\$3,076	[GEN] cpu-384GB-SAS
					Server-yr	\$2,576	[GEN] cpu-768GB
					C/GPU-hr	\$0.0067	[GEN] cpu-192GB
					C/GPU-hr	\$0.0103	[GEN] cpu-384GB
					C/GPU-hr	\$0.0152	[GEN] cpu-384GB-SAS
					C/GPU-hr	\$0.0127	[GEN] cpu-768GB
<b>Service Group D - LIGO/OSG HPC</b>							
					Server-yr	\$1,386	[LIGO/OSG] cpu-192GB
					Server-yr	\$1,567	[LIGO/OSG] cpu-384GB
					Server-yr	\$5,534	[LIGO/OSG] gpu-384GB-RTX6000
					C/GPU-hr	\$0.0068	[LIGO/OSG] cpu-192GB
					C/GPU-hr	\$0.0077	[LIGO/OSG] cpu-384GB
					C/GPU-hr	\$0.1639	[LIGO/OSG] gpu-384GB-RTX6000
<b>Service Group E - Data Storage - Monthly Rates</b>							
					per/TB	\$6.67	[Storage] Project Storage
					per/Drive Bay	\$41.22	[Storage] CUI
					per/TB	\$6.60	[Storage] Hive
					per/TB	\$2.61	[Storage] LIGO/OSG
					per/TB	\$3.33	[Storage] Archival
					per/TB	\$5.40	[Storage] Dataset Publication
<b>Service Group F - Facilitation</b>							
					Hourly	\$98	General Consulting
					Hourly	\$98	CUI Consulting
<b>External - Includes GTRI</b>							
<b>Group A - General HPC</b>							
					Server-yr	\$4,933.83	[GEN] cpu-192GB
					Server-yr	\$5,586.84	[GEN] cpu-384GB
					Server-yr	\$5,848.55	[GEN] cpu-384GB-SAS
					Server-yr	\$6,019.30	[GEN] cpu-768GB
					Server-yr	\$6,886.34	[GEN] cpu-768GB-SAS
					Server-yr	\$7,455.77	[GEN] gpu-192GB-v100
					Server-yr	\$10,192.16	[GEN] gpu-384GB-RTX6000
					Server-yr	\$8,583.61	[GEN] gpu-384GB-v100
					Server-yr	\$9,565.71	[GEN] gpu-768GB-RTX6000
					Server-yr	\$8,349.13	[GEN] gpu-768GB-v100
					C/GPU-hr	\$0.0243	[GEN] cpu-192GB
					C/GPU-hr	\$0.0276	[GEN] cpu-384GB
					C/GPU-hr	\$0.0289	[GEN] cpu-384GB-SAS
					C/GPU-hr	\$0.0297	[GEN] cpu-768GB
					C/GPU-hr	\$0.0340	[GEN] cpu-768GB-SAS
					C/GPU-hr	\$0.4415	[GEN] gpu-192GB-v100
					C/GPU-hr	\$0.3018	[GEN] gpu-384GB-RTX6000
					C/GPU-hr	\$0.5083	[GEN] gpu-384GB-v100
					C/GPU-hr	\$0.2832	[GEN] gpu-768GB-RTX6000
					C/GPU-hr	\$0.4944	[GEN] gpu-768GB-v100

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<b>Group B - CUI HPC</b>							
					Server-yr	\$11,524.56	[GEN] cpu-192GB
					Server-yr	\$12,958.62	[GEN] cpu-384GB
					Server-yr	\$16,540.47	[GEN] cpu-384GB-SAS
					Server-yr	\$13,170.73	[GEN] cpu-768GB
					C/GPU-hr	\$0.0569	[GEN] cpu-192GB
					C/GPU-hr	\$0.0639	[GEN] cpu-384GB
					C/GPU-hr	\$0.0816	[GEN] cpu-384GB-SAS
					C/GPU-hr	\$0.0650	[GEN] cpu-768GB
<b>Service Group D - LIGO/OSG HPC</b>							
					Server-yr	\$9,498.69	[LIGO/OSG] cpu-192GB
					Server-yr	\$8,376.94	[LIGO/OSG] cpu-384GB
					Server-yr	\$12,423.64	[LIGO/OSG] gpu-384GB-RTX6000
					C/GPU-hr	\$0.0469	[LIGO/OSG] cpu-192GB
					C/GPU-hr	\$0.0413	[LIGO/OSG] cpu-384GB
					C/GPU-hr	\$0.3678	[LIGO/OSG] gpu-384GB-RTX6000
<b>Service Group E - Data Storage - Monthly Rates</b>							
					per/TB	\$7.68	[Storage] Project Storage
					per/Drive Bay	\$41.22	[Storage] CUI
					per/TB	\$6.60	[Storage] Hive
					per/TB	\$2.61	[Storage] LIGO/OSG
					per/TB	\$4.93	[Storage] Archival
					per/TB	\$5.40	[Storage] Dataset Publication
<b>Service Group F - Facilitation</b>							
					Hourly	\$98	General Consulting
					Hourly	\$98	CUI Consulting
48.	Mesoscale Materials Characterization	ME	4/2/14				<u>Educational Institutions</u>
					Hour	\$35	SEM
					Hour	\$45	SEM + EBSD
							<u>Industrial</u>
					Hour	\$42	SEM
					Hour	\$62	SEM + EBSD
49.	Carbon Fiber Research Center	MSE	7/1/20		Hour	\$203	Professor PS time
					Hour	\$67	Senior Res. Scientist
					Hour	\$45	GRA Time
					Day	\$560	Single Filament Spinning Equipment
					Day	\$560	Multifilament Spinning Equipment
					Week	\$2,800	Multifilament Stabilization & Carbonization
					Hour	\$70	Solution Preparation Equipment
					Days	\$560	Microcompounder/ Injection molding
					Hour	\$70	Characterization Instruments
					Day	\$560	Batch Furnance Equipment
50.	Machine Shop	AE	5/12/14				<u>Educational Institutions</u>
					Hour	\$55	Personal Services
					Hour	\$0	Machine Services
					Hour	\$55	Combined Rate
							<u>Industrial</u>
					Hour	\$65	Personal Services
					Hour	\$3	Machine Services
					Hour	\$68	Combined Rate

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					Basis	Amount	
52.	Cellular Analysis Core	IBB	12/15/16	7/1/20			<u>GT Investigators</u>
					Hour	\$20	Personal Services
					Hour	\$20	Training Rate
					Hour	\$15	BD FACS ARIA IIIu Analyser
					Hour	\$58	BD FACS ARIA IIIu Sorter
					Hour	\$15	BD LSR II
					Hour	\$10	BD Accuri Analyzer
					Hour	\$7	AMBR Microbioreactor
					Hour	\$10	Li-COR
					Hour	\$10	Multisizer
					Hour	\$15	Amnis Imagestream
					Hour	\$54	Helios
					Hour	\$34	Hyperion
					Hour	\$7	Axion Maestro
					Hour	\$5	Beckman Coulter Meta Flex (Service
					Hour	\$10	ACEA Novocute Analyzer
					Hour	\$10	Typhoon Image
							<u>Other Academic Investigators &amp; Industry Partners</u>
					Hour	\$43	Personal Services
					Hour	\$33	Training Rate
					Hour	\$26	BD FACS ARIA IIIu Analyser
					Hour	\$80	BD FACS ARIA IIIu Sorter
					Hour	\$26	BD LSR II
					Hour	\$18	BD Accuri Analyzer
					Hour	\$14	AMBR Microbioreactor
					Hour	\$15	Li-COR
					Hour	\$18	Multisizer
					Hour	\$16	Amnis Imagestream
					Hour	\$74	Helios
					Hour	\$54	Hyperion
					Hour	\$10	Axion Maestro
					Hour	\$7	Beckman Coulter Meta Flex (Service
					Hour	\$18	ACEA Novocute Analyzer
					Hour	\$15	Typhoon Image
							<u>Industry</u>
					Hour	\$43	Personal Services
					Hour	\$34	Training Rate
					Hour	\$138	BD FACS ARIA IIIu Analyser
					Hour	\$138	BD FACS ARIA IIIu Sorter
					Hour	\$35	BD LSR II
					Hour	\$20	BD Accuri Analyzer
					Hour	\$25	AMBR Microbioreactor
					Hour	\$21	Li-COR
					Hour	\$25	Multisizer
					Hour	\$20	Amnis Imagestream
					Hour	\$167	Helios
					Hour	\$148	Hyperion
					Hour	\$18	Axion Maestro
					Hour	\$10	Beckman Coulter Meta Flex (Service
					Hour	\$20	ACEA Novocute Analyzer
					Hour	\$21	Typhoon Image

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					Basis	Amount	
55.	Neuro Design Suite	IBB	5/11/15				<u>GA Tech</u>
				Hour	\$85	Machine Service	
				Hour	\$100	Other Academic	
57.	Precision Services Lab	ME	9/28/15				<u>Machine Service</u>
				Hour	\$125	Industrial	
				Hour	\$125	Machine Service	
58.	Molecular Evolution	IBB	7/1/21				<u>Educational Institutions</u>
				Hour	\$193	CT Scanner	
				Hour	\$171	Equipment Use	
58.	Molecular Evolution	IBB	7/1/21				<u>Industrial</u>
				Hour	\$193	CT Scanner	
				Hour	\$171	Equipment Use	
							<u>All Users</u>
				oligo	\$45	1umole PAGE purification of synthesized oligos	
				residue	\$0.60	1umole scale unpurified DNA oligonucleotide synthesis	
				oligo	\$15	2' deprotection or RNA purification of synthesized oligos	
				oligo	\$28	200nmole PAGE purification of synthesized oligos	
				residue	\$0.30	200nmole scale unpurified DNA oligonucleotide synthesis	
				residue	\$0.10	25nmole scale unpurified DNA oligonucleotide synthesis (<350 bases)	
				oligo	\$15	40nmole PAGE purification of synthesized oligos	
				residue	\$0.10	40nmole scale unpurified DNA oligonucleotide synthesis (<119 bases)	
						40nmole scale unpurified DNA oligonucleotide synthesis (>119 modified or unmodified bases)	
				residue	\$0.20	unmodified bases)	
				50,000 reads	\$33	50,000 sequencing reads with library preparation	
				chip	\$50	12 X 12 Chip	
				chip	\$50	48.48 Gene Expression	
				chip	\$50	48.48 Genotyping	
				chip	\$50	48.48 Pre-Amp	
				chip	\$50	48.48 Taqman Gene Expression	
				chip	\$50	96.96 Gene Expression	
				chip	\$50	96.96 Genotyping	
				chip	\$50	96.96 Pre-Amp	
				Plate	\$15	Agar plates (per 20 plates)	
				sample	\$15	Agarose gel analysis 1 to 7 samples	
				sample	\$200	Antibody/Hybridoma sequencing	
				hour	\$10	Andrew pipetting robot	
				tube	\$0.50	Antibiotics stock solutions	
				chip	\$10	Bioanalyzer 2100 (DNA 1000) with seq at the core	
				chip	\$10	Bioanalyzer 2100 (DNA HS) with seq at the core	
chip	\$20	Bioanalyzer 2100 w/o seq at core (DNA 1000)					
chip	\$20	Bioanalyzer 2100 w/o seq at core (DNA HS)					
chip	\$50	Bioanalyzer 2100 w/o seq at core (protein)					
chip	\$17	Bioanalyzer 2100 RNA Nano w/o seq at the core					
chip	\$10	Bioanalyzer 2100 RNA Nano with seq at the core					
chip	\$33	Bioanalyzer 2100 RNA Pico w/o seq at the core					
chip	\$10	Bioanalyzer 2100 RNA Pico with seq at the core					
		Bioanalyzer run with reagents provided by the customer (DNA 1000, DNA HS, RNA Pico and RNA Nano)					
chip	\$5	Pico and RNA Nano)					
hour	\$60	Bioanalyzer training					

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			Study Date	Update Date	Basis	Amount	
					cartridge	\$50	BioRad ddSeq Single Cell Isolator
					oligo	\$5	Cartridge purification of synthesized DNA oligos
					Month/User	\$369	Cell culture room usage
					sample	\$100	Chromium™ Single Cell 3' GEM, Library & Isolation and Prep 4 sample sets
					sample	\$100	Chromium™ Single Cell 3' GEM, Library & Isolation and Prep Single Sample
					sample	\$100	Chromium™ Single Cell 5' Library & Library & Isolation and Prep, 4 Sample Sets
					sample	\$100	Chromium™ Single Cell 5' Library & Library & Isolation and Prep, Single Sample
					colonies	\$15	Colony Picking, 96 colonies
					hour	\$85	Consultant Charge
					hour	\$0	Crocodile instrument use
					clone	\$800	Custom Cloning (advanced)
					clone	\$85	Custom Cloning (basic)
					sample	\$600	Custom Region Saturated mutagenesis library
					chip	\$20	ddPCR
					chip	\$17	ddPCR w/o reagents
					hour	\$20	DeNovix and Qubit training
					units	\$28	DNA ladder, 100
					Phage displays	\$9,000	DSFV Phage Display ( 1)
					Phage displays	\$15,000	DSFV Phage Display ( 10)
					vial	\$28	E. coli and Yeast competent cells
					sample	\$20	E.coli cells transformation per plasmid
					hour	\$15	Electroporator training
					hour	\$0	ELISA equipment use
					reaction	\$28	Error Prone PCR
					library	\$450	Error Prone PCR with Library Construction
					sample	\$3	Fragment analysis
					1/vial/yr	\$1	frozen stock sample storage -80 per vial
					vial	\$15	Gel purification of the NGS libraries
					reaction	\$2	Gibson assembly enzyme mixture 1 reaction
					set	\$50	GT XT custom adapter primers SetA
					set	\$50	GT XT custom adapter primers SetB
					set	\$50	GT XT custom adapter primers SetC
					set	\$50	GT XT custom adapter primers SetD
					sample	\$33	High volume of DNA libraries (over 96)
					sample	\$33	High volume of RNA libraries (over 96)
					reaction	\$1	High volume of Sanger samples (over 32)
					reaction	\$0.50	High volume of Sanger samples (over 96)
					adapter	\$15	Illumina compatible index adapters - single and dual indexed
					sample	\$33	Indel sequencing
					5/1M , 1ml	\$3	IPTG solution, 1M solution; 1mL
					run	\$170	iSeq 100 i1- full service
					run	\$95	iSeq 100 i1- self service
					run	\$170	iSeq 100i1 run with reagents provided by the customer
					hour	\$85	iSeq training
					hour	\$0	KingFisher instrument use
					hour	\$85	KingFisher training
					hour	\$85	Labcyte training
					sample	\$100	Library Pooling up to 288 samples by Qubit
					sample	\$85	Library Pooling up to 384 samples by qPCR
					sample	\$100	Library Pooling up to 384 samples by Qubit
					sample	\$85	Library Pooling up to 48 samples by qPCR
					sample	\$28	Library Pooling up to 48 samples by Qubit
					sample	\$85	Library Pooling up to 8 samples by qPCR
					sample	\$5	Library Pooling up to 8 samples by Qubit

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			Study	Update	Basis	Amount	
			Date	Date			
					sample	\$85	Library Pooling up to 96 samples by qPCR
					sample	\$50	Library Pooling up to 96 samples by Qubit
					sample	\$15	Library Pooling up to 24 samples by Qubit
					sample	\$85	Library Pooling up to 24 samples by qPCR
					sample	\$75	Library Pooling up to 144 samples by Qubit
					sample	\$85	Library Pooling up to 144 samples by qPCR
					sample	\$85	Library Pooling up to 192 samples by qPCR
					sample	\$85	Library Pooling up to 288 samples by qPCR
					sample	\$100	Library Pooling up to 192 samples by Qubit
					sample	\$45	Library preparation (NEB DNA Ultra II)
					sample	\$60	Library preparation (NEB RNA Ultra II)
					sample	\$50	Library preparation (Nextera DNA Flex)
					sample	\$50	Library preparation (Nextera Exome)
					sample	\$100	low input RNA library preparation
					L	\$15	Medium for bacterial and yeast growth, 1L
					sample	\$60	miRNA library preparation
					run	\$350	MiniSeq High Output Kit (150 cycles) SE150 or PE75
					run	\$350	MiniSeq High Output Kit (300 cycles) PE150
					run	\$170	MiniSeq High Output Kit (75 cycles) SE75 or PE35
					run	\$170	MiniSeq Mid Output Kit (300 cycles) PE150
					run	\$350	MiSeq Nano and Micro kit self service
					run	\$550	MiSeq v2 and v3 kit self service
					run	\$450	MiSeq® Reagent Kit v2 (300 cycle)
					run	\$350	MiSeq® Reagent Kit v2 (50 cycle)
					run	\$450	MiSeq® Reagent Kit v2 (500 cycle)
					run	\$350	MiSeq® Reagent Kit v3 (150 cycle)
					run	\$450	MiSeq® Reagent Kit v3 (600 cycle)
					run	\$230	MiSeq® Reagent Micro Kit v2 (300 Cycles)
					run	\$230	MiSeq® Reagent Nano Kit v2 (300 Cycles)
					run	\$230	MiSeq® Reagent Nano Kit v2 (500 Cycles)
					sample	\$2	Nano Drop
					run	\$550	NextSeq High Output Kit (150 Cycles) SE150 or PE75
					run	\$550	NextSeq High Output Kit (300 Cycles) PE150
					run	\$450	NextSeq High Output Kit (75 Cycles) SE75 or PE35
					run	\$510	NextSeq Mid Output Kit (150 Cycles) SE150 or PE75
					run	\$510	NextSeq Mid Output Kit (300 Cycles) PE150
					run	\$50	NGS plasmid sequencing
					1.6B	\$1,500	NovaSeq S1 (2*100)
					1.6B	\$2,600	Novaseq S1 (2*150)
					1.6B	\$900	NovaSeq S1 (2*50)
					4.1B	\$2,600	NovaSeq S2 (2*100)
					2.2B	\$1,000	NovaSeq S2 (2*100) per lane (with XP - 2 lane)
					4.1B	\$3,500	NovaSeq S2 (2*150)
					2.2B	\$1,800	NovaSeq S2 (2*150) per lane (with XP - 2 lane)
					4.1B	\$2,600	NovaSeq S2 (2*50)
					2.2B	\$1,000	NovaSeq S2 (2*50) per lane (with XP - 2 lane)
					10B	\$3,500	NovaSeq S4 (2*100)
					2.5B	\$1,000	NovaSeq S4 (2*100) per lane (with XP - 4 lane)
					10B	\$5,000	NovaSeq S4 (2*150)
					2.5B	\$1,100	NovaSeq S4 (2*150) per lane (with XP - 4 lane)
					800M	\$1,500	NovaSeq SP (2*100)
					400M	\$900	NovaSeq SP (2*100) per lane (with XP-2 lane)
					800M	\$2,400	NovaSeq SP (2*150)
					400M	\$1,500	NovaSeq SP (2*150) per lane (with XP- 2 lane)

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			Study Date	Update Date	Basis	Amount	
					800M	\$2,600	NovaSeq SP (2*250)
					400M	\$1,500	NovaSeq SP (2*250) per lane (with XP-2 lane)
					800M	\$1,500	NovaSeq SP (2*50)
					plate	\$100	Nucleic acid extraction using the KingFisher
					sample	\$2	Nucleofector
					sample	\$140	Oxford Nanopore Amplicon single sample library prep with ligation starting from amp
					sample	\$230	Oxford Nanopore Direct RNA single sample library prep
					sample	\$140	Oxford Nanopore DNA single sample library prep with ligation
					sample	\$95	Oxford Nanopore DNA single sample library prep with rapid ligation
					sample	\$33	Oxford Nanopore Multiplexed DNA library prep with ligation (per sample)
					sample	\$230	Oxford Nanopore PCR cDNA seq single sample library prep
					sample	\$230	Oxford Nanopore PCR-free cDNA seq sample library prep
					run	\$99	Oxford Nanopore sequencing (per run)
					units	\$20	Phusion DNA polymerase, 1000 units
					prep plus shipping	\$45	Plasmid Prep (Miniprep) up to 400ng/ul with 50ul provided
					program	\$600	Plasmid cloning training
					sample	\$45	Plasmid Maxiprep
					sample	\$33	Plasmid Midiprep
					sample	\$3	QIACube DNA Extraction /sample, reagents provided by customer
					sample	\$3	QiaCube RNA Extraction /sample, reagents provided by customer
					sample	\$2	QiaCube with reagents not provided by the customer
					sample	\$4	Qubit
					hour	\$0	qPCR equipment use
					hour	\$22	QuantStudio training
					hour	\$2	Remote desktop Genious DNA analysis software per hour
					sample	\$5	Restriction enzyme digestion per reaction
					residue	\$5	RNA, 2' o-Methyl or Fluoro RNA synthesis
					oligo	\$15	RP-HPLC for synthesized DNA oligos <100 bases
					sample	\$60	rRNA depletion library preparation
					reaction	\$3	Sanger Sequencing
					hour	\$85	SeqStudio training
					set up	\$200	Set up fee for Andrew pipetting Robot
					sample	\$100	Single Cell ATAC Seq Assay
					sample	\$100	Single Cell ATAC Seq Assay, 4 sample Set
					sample	\$20	SureCell WTA 3' Library Pre Kit - ddSeq System
					1M reads	\$100	Small genome sequencing (1M reads) with library preparation
					units	\$10	Taq DNA polymerase, 1000 units
					set	\$140	Targeted 16S sequencing (1-32)
					set	\$170	Targeted 16S sequencing (33 - 64)
					set	\$200	Targeted 16S sequencing (65 - 96)
					set	\$15	Targeted 16S sequencing (per set of 8 after 96)
					hour	\$0	Tissue Lyser II use
					hour	\$20	Tissue Lyser training
					sample	\$4	Qubit W/o reagents
					sample	\$50	Library preparation (Nextera DNA Flex) W/o reagents
					sample	\$50	Library preparation (Nextera Exome) W/o reagents
					sample	\$45	Library preparation (NEB DNA Ultra II) W/o reagents
					sample	\$60	Library preparation (NEB RNA Ultra II) W/o reagents
					course	\$2,600	Recombinant DNA training
					box	\$1.25	Tip washing using bleach for standard tips
					box	\$1.25	Tip washing using Grenoclean for standard tips
					box	\$1.25	Tip washing using bleach for premium tips
					box	\$1.75	Tip washing using Grenoclean for premium tips
					hour	\$85	qPCR concept training

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					Basis	Amount		
60.	Acoustics Water Tank Lab	ME	7/1/20		Hour	\$0	<u>Internal / Other Georgia Tech Departments</u> Underwater Acoustic Measurements	
					Hour	\$168	<u>External / Other Educations Institutions</u> Underwater Acoustic Measurements	
					Hour	\$168	<u>External /Corporate</u> Underwater Acoustic Measurements	
61.	Mechanical Properties Characterization Facility	IMaT	7/1/19		Hour	\$60	<u>Internal / Other Georgia Tech Departments</u> Personal Services	
					Day	\$100	Test System Base Daily	
					Week	\$250	Test System Base Weekly	
					Day	\$20	Ovens & Furnaces Daily	
					Week	\$50	Ovens & Furnaces Weekly	
					Hour	\$5	Metallography Prep Facility Hourly	
							<u>External /Industry</u> Personal Services	
					Hour	\$70	Personal Services	
					Day	\$178	Test System Base Daily	
					Week	\$892	Test System Base Weekly	
					Day	\$65	Ovens & Furnaces Daily	
					Week	\$327	Ovens & Furnaces Weekly	
					Hour	\$22	Metallography Prep Facility Hourly	
62.	Center for X-Ray Diffraction Structure Analysis	Chem	9/20/16		Per Analysis	\$300	<u>All Users</u> Full Service Structure Analysis	
					Per Hour	\$75	Personnel Assistance	
					Per Hour	\$25	Instrument Services	
63.	Systems Mass Spectrometry Center	IBB	11/9/16	7/1/20		Per Sample	\$22	<u>GT &amp; External Educational Institutes</u> Sample Preparation - Proteomics
						Per Sample	\$86	LC-MS/MS Analysis - Proteomics
						Per Sample	\$9	Data Analysis - Proteomics
						Per Sample	\$7	Sample Preparation - Metabolomics
						Per Sample	\$38	LC-MS/MS Analysis - Metabolomics
						Per Sample	\$11	Data Analysis - Metabolomics
						Per Sample	\$32	Additional Data Processing
								<u>GT Industry Partners</u> Sample Preparation - Proteomics
						Per Sample	\$43	Sample Preparation - Proteomics
						Per Sample	\$155	LC-MS/MS Analysis - Proteomics
						Per Sample	\$21	Data Analysis - Proteomics
						Per Sample	\$11	Sample Preparation - Metabolomics
						Per Sample	\$54	LC-MS/MS Analysis - Metabolomics
						Per Sample	\$15	Data Analysis - Metabolomics
						Per Sample	\$43	Additional Data Processing
								<u>Industry</u> Sample Preparation - Proteomics
						Per Sample	\$104	Sample Preparation - Proteomics
						Per Sample	\$155	LC-MS/MS Analysis - Proteomics
						Per Sample	\$45	Data Analysis - Proteomics
						Per Sample	\$53	Sample Preparation - Metabolomics
	Per Sample	\$59	LC-MS/MS Analysis - Metabolomics					
	Per Sample	\$18	Data Analysis - Metabolomics					
	Per Sample	\$101	Additional Data Processing					



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					Basis	Amount	
65.	GVU Prototyping Lab	SoIC	7/1/21			<u>Internal/Federal</u>	
				Cubic Inch	\$14	Dimesnison ABS Printer	
				Cubic Inch	\$15	3D Systems Project (SD)	
				Cubic Inch	\$16	3D Systems Project (HD)	
						<u>External (Industry)</u>	
				Cubic Inch	\$49	Dimesnison ABS Printer	
66.	Biomolecular Characterization and Analysis	IBB/EBB	7/1/17			<u>All Users</u>	
				Hour	\$0	Personal Services (Training), per hour	
				Hour	\$5	BioTek Synergy H4 Multimode Plate Reader	
				Hour	\$5	QuantStudio 6 Flex rtPCR	
				Hour	\$5	Applied Biosystems StepOne Plus rtPCR#2	
				Hour	\$20	Arcturus XT Laser Capture Microdissection System	
				Hour	\$0	AMAXA Electroporation Device	
				Hour	\$5	Amersham RGB 600 Imager	
				Hour	\$5	Optima XPN Ultracentrifuge	
				Hour	\$2	Allegra benchtop centrifuge	
				Hour	\$2	Microcentrifuge	
				Hour	\$10	FAST prep 24 homogenizer	
				Hour	\$5	High performance centrifuge	
				Hour	\$10	GE FLA 9500	
				Flask	\$5	Freeze-zone Freeze Dry System	
				Hour	\$5	LI-COR imager	
				Hour	\$10	AP Chirascan-Plus	
				Hour	\$5	BioTek Synergy H4 (short)	
				Day	\$30	BioTek Synergy H4 (long)	
				Hour	\$3	GE AKTA Pure 25	
				Hour	\$0	GE Ultrospec 2100 Pro	
				Hour	\$15	Olis RSM1000	
				Hour	\$5	Shimadzu Prominence	
				Per Session	\$0	Shimadzu Prominence	
				Hour	\$0	Stratagene Mx3005P	
				Hour	\$10	Wyatt DynaPro NanoStar	
				Hour	\$10	Malvern Viscotek SEC-MALS 20	
				Hour	\$10	Malvern Zetasizer Nano Z	
				Hour	\$10	Wyatt Dynapro Plate Reader	
				Hour	\$5	Nano Temper Promethius	
				Hour	\$5	Ultracentrifuge	
				Hour	\$5	High Speed Centrifuge Avanti	
				Hour	\$5	Isothermal calorimetry	
				Hour	\$10	Differential Scanning Calorimetry	
Sample	\$50	Analytical ultracentrifuge					

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							<u>Affiliates and Industry Partners</u>
					Hour	\$45	Personal Services (Training), per hour
					Hour	\$8	BioTek Synergy H4 Multimode Plate Reader
					Hour	\$7	QuantStudio 6 Flex rtPCR
					Hour	\$7	Applied Biosystems StepOne Plus rtPCR#2
					Hour	\$40	Arcturus XT Laser Capture Microdissection System
					Hour	\$5	AMAXA Electroporation Device
					Hour	\$8	Amersham RGB 600 Imager
					Hour	\$8	Optima XPN Ultracentrifuge
					Hour	\$5	Allegra benchtop centrifuge
					Hour	\$5	Microcentrifuge
					Hour	\$20	FAST prep 24 homogenizer
					Hour	\$13	High performance centrifuge
					Hour	\$15	GE FLA 9500
					Flask	\$10	Freeze-zone Freeze Dry System
					Hour	\$8	LI-COR imager
					Hour	\$15	AP Chirascan-Plus
					Hour	\$8	BioTek Synergy H4 (short)
					Day	\$50	BioTek Synergy H4 (long)
					Hour	\$8	GE AKTA Pure 25
					Hour	\$5	GE Ultrospec 2100 Pro
					Hour	\$20	Olis RSM1000
					Hour	\$9	Shimadzu Prominence
					Per Session	\$65	Shimadzu Prominence
					Hour	\$5	Stratagene Mx3005P
					Hour	\$15	Wyatt DynaPro NanoStar
					Hour	\$15	Malvern Viscotek SEC-MALS 20
					Hour	\$15	Malvern Zetasizer Nano Z
					Hour	\$15	Wyatt Dynapro Plate Reader
					Hour	\$16	Nano Temper Promethius
					Hour	\$8	Ultracentrifuge
					Hour	\$13	High Speed Centrifuge Avanti
					Hour	\$8	Isothermal calorimetry
					Hour	\$15	Differential Scanning Calorimetry
					Sample	\$100	Analytical ultracentrifuge
							<u>External (Industry)</u>
					Hour	\$45	Personal Services (Training), per hour
					Hour	\$11	BioTek Synergy H4 Multimode Plate Reader
					Hour	\$7	QuantStudio 6 Flex rtPCR
					Hour	\$8	Applied Biosystems StepOne Plus rtPCR#2
					Hour	\$100	Arcturus XT Laser Capture Microdissection System
					Hour	\$5	AMAXA Electroporation Device
					Hour	\$15	Amersham RGB 600 Imager
					Hour	\$15	Optima XPN Ultracentrifuge
					Hour	\$10	Allegra benchtop centrifuge
					Hour	\$10	Microcentrifuge
					Hour	\$40	FAST prep 24 homogenizer
					Hour	\$13	High performance centrifuge
					Hour	\$20	GE FLA 9500
					Flask	\$20	Freeze-zone Freeze Dry System
					Hour	\$15	LI-COR imager
					Hour	\$22	AP Chirascan-Plus
					Hour	\$11	BioTek Synergy H4 (short)

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No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					Basis	Amount	
					Day	\$65	BioTek Synergy H4 (long)
					Hour	\$8	GE AKTA Pure 25
					Hour	\$10	GE Ultrospec 2100 Pro
					Hour	\$40	Olis RSM1000
					Hour	\$9	Shimadzu Prominence
					Per Session	\$130	Shimadzu Prominence
					Hour	\$20	Stratagene Mx3005P
					Hour	\$20	Wyatt DynaPro NanoStar
					Hour	\$15	Malvern Viscotek SEC-MALS 20
					Hour	\$29	Malvern Zetasizer Nano Z
					Hour	\$24	Wyatt Dynapro Plate Reader
					Hour	\$16	Nano Temper Promethius
					Hour	\$15	Ultracentrifuge
					Hour	\$13	High Speed Centrifuge Avanti
					Hour	\$20	Isothermal calorimetry
					Hour	\$25	Differential Scanning Calorimetry
					Sample	\$261	Analytical ultracentrifuge
67.	IDEAS: MD3	IMaT	7/1/17				<u>Internal &amp; Federal Users</u>
					12 Mths	\$6,105	MATIN Annual (12mth) Support Package
					1 Month	\$733	MATIN Monthly Package
					10 Hours	\$665	Additional Support Package (10 Hrs)
							<u>External</u>
					12 Mths	\$6,105	MATIN Annual (12mth) Support Package
					1 Month	\$733	MATIN Monthly Package
					10 Hours	\$665	Additional Support Package (10 Hrs)
68.	STAMI Polymer and Molecular Characterization Facility	Chem	10/1/21				<u>Internal Trained Users</u>
					Hour	\$7	DSC 250
					Hour	\$6	Mettler Toledo TGA2
					Hour	\$8	Tosoh EcoSEC GPC
					Hour	\$6	Tosoh EcoSEC-HT
					Hour	\$6	Wyatt DynaPro NanoStar DLS
					Hour	\$6	Horiba FL3-21 Fluorometer
					Hour	\$6	Shimadzu IRAffinity-1
					Hour	\$6	Cary 5000 UV-Vis/NIR
					Hour	\$6	Agilent GC/MS
					Hour	\$8	Agilent LC/MS
							<u>Internal Sample Run &amp; Training</u>
					Hour	\$40	DSC 250
					Hour	\$40	Mettler Toledo TGA2
					Hour	\$39	Tosoh EcoSEC GPC
					Hour	\$40	Tosoh EcoSEC-HT
					Hour	\$40	Wyatt DynaPro NanoStar DLS
					Hour	\$34	Horiba FL3-21 Fluorometer
					Hour	\$40	Shimadzu IRAffinity-1
					Hour	\$37	Cary 5000 UV-Vis/NIR
					Hour	\$30	Agilent GC/MS
					Hour	\$60	Agilent LC/MS

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No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					Basis	Amount	
							<u>External Users (Non-GT affiliate)</u>
				Hour	\$41		DSC 250
				Hour	\$40		Mettler Toledo TGA2
				Hour	\$39		Tosoh EcoSEC GPC
				Hour	\$83		Tosoh EcoSEC-HT
				Hour	\$107		Wyatt DynaPro NanoStar DLS
				Hour	\$34		Horiba FL3-21 Fluorometer
				Hour	\$47		Shimadzu IRAffinity-1
				Hour	\$37		Cary 5000 UV-Vis/NIR
				Hour	\$30		Agilent GC/MS
				Hour	\$100		Agilent LC/MS
69.	Bioimaging and Biomechanical Properties Testing	IBB	7/1/17				<u>GEORGIA TECH INTERNAL USERS</u>
				Hour	\$50.80		CT Personal Services, per hour
				Unit	\$3.95		Set Up Charge
				Per Slice	\$0.05		Medium Resolution, per slice
				Per Slice	\$0.14		High Resolution, per slice
				Per Slice	\$1.06		Custom Resolution, per slice
				Hour	\$25.00		Fluorescence / Bioluminescence imaging, per hour
				Hour	\$13.69		Biomechanics Machine Services, per hour
							<u>EDUCATIONAL INSTITUTES &amp; IBB INDUSTRY PARTNERS</u>
				Hour	\$59.84		CT Personal Services, per hour
				Unit	\$4.47		Set Up Charge
				Per Slice	\$0.06		Medium Resolution, per slice
				Per Slice	\$0.16		High Resolution, per slice
				Per Slice	\$1.20		Custom Resolution, per slice
				Hour	\$48.00		Fluorescence / Bioluminescence imaging, per hour
				Hour	\$15.51		Biomechanics Machine Services, per hour
							<u>INDUSTRY</u>
				Hour	\$69.89		CT Personal Services, per hour
				Unit	\$5.24		Set Up Charge
				Per Slice	\$0.07		Medium Resolution, per slice
				Per Slice	\$0.19		High Resolution, per slice
				Per Slice	\$1.42		Custom Resolution, per slice
				Hour	\$97.43		Fluorescence / Bioluminescence imaging, per hour
				Hour	\$18.20		Biomechanics Machine Services, per hour
70.	Electrical Testing of Materials and Devices	MSE	7/1/17				<u>Internal</u>
				Sample	\$250		Initial Test Sample
				Use	\$250		Standard Setup
				Sample	\$100		Repeat of Initial Test Sample
				Cost	Cost		Non Standard Setup (Material)
				Hour	\$148		Director Consulting
				Hour	\$50		GRA Consulting

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No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					Basis	Amount	
							<u>External (Industry)</u>
					Sample	\$255	Initial Test Sample
					Use	\$257	Standard Setup
					Sample	\$160	Repeat of Initial Test Sample
					Cost	Cost	Non Standard Setup (Material)
					Hour	\$148	Director Consulting
					Hour	\$64	GRA Consulting
71.	Tribology & Surface Engineering Lab	ME	7/1/18				<u>Internal/Federal</u>
					Hour	\$50	Lab Rate
							<u>External (Industry)</u>
					Hour	\$50	Lab Rate
72.	TKIS-GT Pyro Processing Lab	MSE	7/1/19				<u>Internal /Federal</u>
					Test	\$1,300	Per Test
					Hour	\$64	Instrument/Kiln Only Per Hour
					Hour	\$51	Senior Scientist
					Hour	\$184	Senior Consultant
							<u>External (TKIS Users)</u>
					Test	\$1,300	Per Test
					Hour	\$64	Instrument/Kiln Only Per Hour
					Hour	\$51	Senior Scientist
					Hour	\$184	Senior Consultant
							<u>External (Industry)</u>
					Test	\$1,300	Per Test
					Hour	\$64	Instrument/Kiln Only Per Hour
					Hour	\$51	Senior Scientist
					Hour	\$184	Senior Consultant
76.	DataWorks	COC	7/1/20				<u>Internal</u>
					Hour	\$32	Personal Service Time
							<u>Other Educational Institution and Non-Profits</u>
					Hour	\$32	Personal Service Time
							<u>External - Industry (For Profit)</u>
					Hour	\$41	Personal Service Time
77.	IRIM - CAREN	IRIM	1/1/21				<u>Internal (Ga Tech) and Federal Users</u>
					Hour	\$45	Personal Service Time
					Hour	\$25	Instrument Services
							<u>Other Educational Institutins</u>
					Hour	\$45	Personal Service Time
					Hour	\$187	Instrument Services
							<u>External - Industry (For Profit)</u>
					Hour	\$45	Personal Service Time
					Hour	\$187	Instrument Services

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates Basis	Amount	Service
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**Facility Use Rate**

These are rates established for the infrequent and non-recurring use by external entities of Georgia Tech lab facilities that are unique and not commercially available.