

Georgia Institute of Technology  
Grants and Contracts Accounting  
Service/Recharge Center Rate Studies  
6/2/2023

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					Basis	Amount	
3.	NEETRAC Consulting Services	ECE	1/1/20				
				Hour	\$111	Research Engineers	
				Hour	\$177	Senior Research Engineer	
				Hour	\$73	Research Coordinators	
				Hour	\$166	Principal Research Engineer	
		Hour	\$51	Research Technicians			
4.	NEETRAC Platform Services	ECE	7/1/18	Day	\$149	Platform Service Processing	
				Day	\$633	HVL - Lab Area	
				Day	\$171	MVL	
				Day	\$93	MG	
				Day	\$128	Materials Lab - FQA	
				Day	\$122	Building 3 - West High Bay	
				Day	\$136	Building 3 - East High Bay	
				Day	\$491	Outdoor	
6.	NMR Center	Chemistry	8/1/18	7/1/20			<u>Educational Institutions</u>
					Hour	\$40	Personal Services, Other
							Tier A
					Hour	\$10	Hourly Rate
							Tier B
					Hour	\$7	Hourly Rate
							Tier C
					Hour	\$25	First 8 hour rate
					Hour	\$7	Extended time rate
							Tier D
					Hour	\$18	First 8 hour rate
					Hour	\$7	Extended time rate
							Tier E
					Hour	\$12	First 8 hour rate
					Hour	\$7	Extended time rate
		<u>External</u>					
	Hour	\$73	Personal Services, Other				
	Hour	\$28	Machine Service, per hour: Hourly Rate				
7.	Materials Characterization Facility	IEN/MAT	9/1/20			<u>Internal Academic/Federal/Georgia Research Alliance Core Facility Exchange</u>	
				Hour	\$75	Staff Time	
						Equipment Group 1	
				Hour	\$22	Tier 1	
				Hour	\$11	Tier 2	
						Equipment Group 2	
				Hour	\$40	Tier 1	
				Hour	\$20	Tier 2	
						Equipment Group 3	
Hour	\$85	Tier 1					
	Hour	\$42.50	Tier 2				

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							Long-Run Measurements (XRD & ICP-MS)
						\$36	Tier 1 - 0 hrs < time ≤ 12 hrs
						\$12	Tier 2 - 12 hrs < time ≤ 60 hrs
						\$4	Tier 3 - 60 hrs < time
				Hour	\$75		Staff Time
				Day	\$110		Test System Base Daily
				Week	\$275		Test System Base Weekly
				Day	\$22		Ovens & Furnaces Daily
				Week	\$55		Ovens & Furnaces Weekly
				Hour	\$5		Metallography Prep Facility Hourly
							<u>External Academic</u>
				Hour	\$75		Staff Time
							Equipment Group 1
				Hour	\$22		Tier 1
				Hour	\$11		Tier 2
							Equipment Group 2
				Hour	\$40		Tier 1
				Hour	\$20		Tier 2
							Equipment Group 3
				Hour	\$85		Tier 1
				Hour	\$42.50		Tier 2
							Long-Run Measurements (XRD & ICP-MS)
						\$36	Tier 1 - 0 hrs < time ≤ 12 hrs
						\$12	Tier 2 - 12 hrs < time ≤ 60 hrs
						\$4	Tier 3 - 60 hrs < time
				Hour	\$75		Staff Time
				Day	\$350		Test System Base Daily
				Week	\$1,400		Test System Base Weekly
				Day	\$150		Ovens & Furnaces Daily
				Week	\$600		Ovens & Furnaces Weekly
				Hour	\$50		Metallography Prep Facility Hourly
							<u>Industrial</u>
				Hour	\$75		Staff Time
				Hour	\$45		Equipment Group 1
				Hour	\$65		Equipment Group 2
				Hour	\$190		Equipment Group 3
							Long-Run Measurements (XRD & ICP-MS)
				Hour	\$75		Staff Time
				Day	\$350		Test System Base Daily
				Week	\$1,400		Test System Base Weekly
				Day	\$150		Ovens & Furnaces Daily
				Week	\$600		Ovens & Furnaces Weekly
				Hour	\$50		Metallography Prep Facility Hourly

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9.	IEN Micro/Nano Fabrication Facility	IEN	12/1/20				<u>Internal Academic</u>
					Month	\$250	Facility Entry Fee, (Inorganic Cleanroom)
					Month	\$0	Facility Entry Fee, (Organic Cleanroom)
					Hour	\$25	Cleanroom Supply Use
					Hour	\$100	Research/Equipment Services Time
					Sq.Ft./Month	\$9.80	Special Projects set-ups Pettit/Marcus
					Sq.Ft./Month	\$4.36	Special Projects set-ups Callaway
					Hour	\$10	Back-End Processing Tools
					Hour	\$70	EBL Machine Time
					Hour	\$10	Packaging Standard Tools
					Hour	\$16	Packaging Plating Tool
					Hour	\$2	Packaging Long-Run Tools
					Hour	\$25	Laser Machining Lab Class 1 Tools
					Hour	\$35	Laser Machining Lab Class 2 Tools
					Hour	\$45	Laser Machining Lab Class 3 Tools
							<u>External Academic</u>
					Month	\$250	Facility Entry Fee, (Inorganic Cleanroom)
					Month	\$0	Facility Entry Fee, (Organic Cleanroom)
					Hour	\$25	Cleanroom Supply Use
					Hour	\$100	Research/Equipment Services Time
					Sq.Ft./Month	\$9.80	Special Projects set-ups Pettit/Marcus
					Sq.Ft./Month	\$4.36	Special Projects set-ups Callaway
					Hour	\$10	Back-End Processing Tools
					Hour	\$70	EBL Machine Time
					Hour	\$10	Packaging Standard Tools
					Hour	\$16	Packaging Plating Tool
					Hour	\$2	Packaging Long-Run Tools
					Hour	\$25	Laser Machining Lab Class 1 Tools
					Hour	\$35	Laser Machining Lab Class 2 Tools
					Hour	\$45	Laser Machining Lab Class 3 Tools
							<u>FOREIGN ACADEMIC &amp; INDUSTRIAL RATES</u>
					Month	\$700	Facility Entry Fee, (Inorganic Cleanroom)
					Month	\$0	Facility Entry Fee, (Organic Cleanroom)
					Hour	\$25	Cleanroom Supply Use
					Hour	\$100	Research/Equipment Services Time
					Sq.Ft./Month	\$14.26	Special Projects set-ups Pettit/Marcus
					Sq.Ft./Month	\$6.71	Special Projects set-ups Callaway
					Hour	\$15	Back-End Processing Tools
					Hour	\$105	EBL Machine Time
					Hour	\$35	Packaging Standard Tools
					Hour	\$27	Packaging Plating Tool
					Hour	\$6	Packaging Long-Run Tools
					Hour	\$35	Laser Machining Lab Class 1 Tools
					Hour	\$40	Laser Machining Lab Class 2 Tools
					Hour	\$51	Laser Machining Lab Class 3 Tools

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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 Setvices
					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
17.	Physiological Research Lab (Vivarium)	IBB	2/1/21		Hour	\$30	<u>External For-Profit / Industry</u>
							Machine Service
					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
							ANIMAL HUSBANDRY:
							<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

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18.	Histology Lab	IBB	7/1/20				<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
							<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

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					Basis	Amount	
					Sample	\$50	<b>Embedding:</b> Frozen
					Sample	\$5	Paraffin
					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
							<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
							<b>Other</b>
					Slide	\$12.50	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	Paraffin (Routine)
					Sample	\$9.05	Paraffin (Special)
					Sample	\$61.59	Resin
							<b>Embedding:</b>
					Sample	\$112.70	Frozen
					Sample	\$11.63	Paraffin
					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

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					Basis	Amount	
20.	Georgia Industrial Fellowships for Teachers	CEISMC	7/1/21		Participant	\$1,750	<u>On Campus Rate</u> Participant Charge
					Participant	\$2,500	<u>Off Campus Rate</u> Participant Charge
21.	Testing Services	RBI	10/1/19		Hour	\$90	<u>INTERNAL, ACADEMIC, INDUSTRY MEMBERS</u> Senior Scientist
					Hour	\$68	Analyst
					Hour	\$99	<u>INDUSTRIAL - NON-MEMBER</u> Senior Scientist
					Hour	\$75	Analyst
					Hour	\$60	Consulting Services
22.	Technical Services Organization	CoC	3/1/22		EFT per year	\$6,123	Computing & Networking Services
24.	Professional Education	GTPE	6/23/16		Federal	Other	<u>GTPE Administrative Charge - Sponsored PE Contracts</u>
					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		Cubic Inch	\$4.75	<u>GT Student Enrolled in COD Studio:</u> 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
					Cubic Inch	\$9.50	<u>Internal Non COD &amp; Federal Entities</u> 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
					Hour	\$9.03	<u>External</u> Instrument Services
29.	Microanalysis Center	MSE	1/1/23		Hour	\$40	<u>Internal GT &amp; Federal</u> Personal Services
					Hour	\$48	Machine Services
					Hour	\$46	<u>External Academic Institutions</u> Personal Services
					Hour	\$55	Machine Services
					Hour	\$57	<u>Industrial</u> Personal Services
					Hour	\$68	Machine Services
30.	NMRI-MR Imaging Facility	BME	7/1/18		Hour	\$70	<u>Internal</u> Personal Services - (1 hour minimum)
					Hour	\$110	Instrument Services - (1 hour minimum)
					Hour	\$72	<u>External (Industry)</u> Personal Services - (1 hour minimum)
					Hour	\$241	Instrument Services - (1 hour minimum)

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					Basis	Amount	
34.	Optical Microscopy	IBB	11/7/17				<u>Georgia Tech</u>
					Hour	\$22	Instrument Services
					Hour	\$24	Personal Services
							<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	7/1/22				<u>Internal &amp; External</u>
					Day	\$425	Main Chamber Set Up
					Day	\$1,541	Main Chamber Usage
					Day	\$425	Small Chamber Set Up
					Day	\$1,103	Small Chamber Usage
							<u>Internal</u>
43.	Invention Studio Center	ME	7/1/19		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	10/1/22				<u>Internal</u>
							<b>Group A - General HPC</b>
					Server-yr	\$1,386	[GEN] cpu-small
					Server-yr	\$1,567	[GEN] cpu-medium
					Server-yr	\$1,835	[GEN] cpu-large
					Server-yr	\$2,964	[GEN] cpu-amd
					Server-yr	\$1,835	[GEN] cpu-sas
					Server-yr	\$3,896	[GEN] gpu-v100
					Server-yr	\$4,676	[GEN] gpu-a100
					Server-yr	\$5,035	[GEN] gpu-rtx6000
					Server-yr	\$2,647	[GEN] cpu-pmem
					C/GPU-hr	\$0.0068	[GEN] cpu-small
					C/GPU-hr	\$0.0077	[GEN] cpu-medium
					C/GPU-hr	\$0.0091	[GEN] cpu-large
					C/GPU-hr	\$0.0027	[GEN] cpu-amd
					C/GPU-hr	\$0.0091	[GEN] cpu-sas
					C/GPU-hr	\$0.2307	[GEN] gpu-v100
					C/GPU-hr	\$0.2769	[GEN] gpu-a100
					C/GPU-hr	\$0.1491	[GEN] gpu-rtx6000
					C/GPU-hr	\$0.0131	[GEN] cpu-pmem
							<b>Group B - CUI HPC</b>
					Server-yr	\$1,386	[CUI] cpu-small
					Server-yr	\$2,079	[CUI] cpu-medium
					Server-yr	\$2,576	[CUI] cpu-large
					Server-yr	\$3,076	[CUI] cpu-sas
					Server-yr	\$4,676	[CUI] gpu-a100



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					C/GPU-hr	\$0.0067	[CUI] cpu-small
					C/GPU-hr	\$0.0103	[CUI] cpu-medium
					C/GPU-hr	\$0.0127	[CUI] cpu-large
					C/GPU-hr	\$0.0152	[CUI] cpu-sas
					C/GPU-hr	\$0.2769	[CUI] gpu-a100
							<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	\$5.67	[STORAGE] Project storage
					per/TB	\$6.67	[STORAGE] CUI storage
					per/TB	\$6.60	[STORAGE] Hive storage
					per/TB	\$2.61	[STORAGE] LIGO/OSG storage
					per/TB	\$0.00	[STORAGE] IDEaS Data Repository
					per/TB	\$1.67	[STORAGE] Research Data Repository
							<b>Service Group F - Facilitation</b>
					Hourly	\$89	General Consulting
					Hourly	\$89	CUI Consulting
							External - Includes GTRI
							<b>Group A - General HPC</b>
					Server-yr	\$4,693	[GEN] cpu-small
					Server-yr	\$4,420	[GEN] cpu-medium
					Server-yr	\$4,902	[GEN] cpu-large
					Server-yr	\$5,774	[GEN] cpu-amd
					Server-yr	\$4,439	[GEN] cpu-sas
					Server-yr	\$7,135	[GEN] gpu-v100
					Server-yr	\$7,386	[GEN] gpu-a100
					Server-yr	\$7,452	[GEN] gpu-rtx6000
					Server-yr	\$3,573	[GEN] cpu-pmem
					C/GPU-hr	\$0.0232	[GEN] cpu-small
					C/GPU-hr	\$0.0218	[GEN] cpu-medium
					C/GPU-hr	\$0.0242	[GEN] cpu-large
					C/GPU-hr	\$0.0053	[GEN] cpu-amd
					C/GPU-hr	\$0.0219	[GEN] cpu-sas
					C/GPU-hr	\$0.4225	[GEN] gpu-v100
					C/GPU-hr	\$0.4373	[GEN] gpu-a100
					C/GPU-hr	\$0.2206	[GEN] gpu-rtx6000
					C/GPU-hr	\$0.0176	[GEN] cpu-pmem

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					<b>Group B - CUI HPC</b>						
					Server-yr	\$8,014	[CUI] cpu-small				
					Server-yr	\$7,984	[CUI] cpu-medium				
					Server-yr	\$8,621	[CUI] cpu-large				
					Server-yr	\$10,094	[CUI] cpu-sas				
					Server-yr	\$6,974	[CUI] gpu-a100				
					C/GPU-hr	\$0.0395	[CUI] cpu-small				
					C/GPU-hr	\$0.0394	[CUI] cpu-medium				
					C/GPU-hr	\$0.0425	[CUI] cpu-large				
					C/GPU-hr	\$0.0498	[CUI] cpu-sas				
					C/GPU-hr	\$0.4130	[CUI] gpu-a100				
					<b>Service Group D - LIGO/OSG HPC</b>						
					Server-yr	\$7,318	[LIGO/OSG] cpu-192GB				
					Server-yr	\$5,276	[LIGO/OSG] cpu-384GB				
					Server-yr	\$5,755	[LIGO/OSG] gpu-384GB-RTX6000				
					C/GPU-hr	\$0.0361	[LIGO/OSG] cpu-192GB				
					C/GPU-hr	\$0.0260	[LIGO/OSG] cpu-384GB				
					C/GPU-hr	\$0.1704	[LIGO/OSG] gpu-384GB-RTX6000				
					<b>Service Group E - Data Storage - Monthly Rates</b>						
					per/TB	\$7.78	[STORAGE] Project storage				
					per/TB	\$12.41	[STORAGE] CUI storage				
					per/TB	\$6.81	[STORAGE] Hive storage				
					per/TB	\$3.13	[STORAGE] LIGO/OSG storage				
					per/TB	\$1.78	[STORAGE] IDEaS Data Repository				
					per/TB	\$8.79	[STORAGE] Research Data Repository				
					<b>Service Group F - Facilitation</b>						
					Hourly	\$89	General Consulting				
					Hourly	\$89	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			<u>Internal &amp; External Users</u>					
				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	7/1/22			<u>Federal &amp; Educational Institutions</u>					
				Hour	\$55	Personal Services					

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					Basis	Amount	
52.	Cellular Analysis Core	IBB	7/1/21		Hour	\$184	<u>Industrial</u> Personal Services
					Hour	\$20	<u>GT Investigators</u> 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

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					Basis	Amount	
55.	Neuro Design Suite	IBB	1/1/22				<u>Internal GIT &amp; GRA Alliance Members</u>
					Hour	\$135	Tier 1 Machine Service
					Hour	\$80	Tier 2 Machine Service
							<u>External to GIT (Billed through Bursar Office)</u>
					Hour	\$150	Tier 1 Machine Service
					Hour	\$90	Tier 2 Machine Service
57.	Precision Services Lab	GTMi	1/1/22				<u>GIT Internal Users</u>
					Hour	\$80	Advanced Manufacturing
					Hour	\$35	Characterization
					Hour	\$13	General Lab Use
							<u>External Customers (Billed through Bursar Office)</u>
					Hour	\$200	Advanced Manufacturing
					Hour	\$118	Characterization
					Hour	\$18	General Lab Use
58.	Molecular Evolution	IBB	7/1/21				<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
					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
					chip	\$5	Pico and RNA Nano)
					hour	\$60	Bioanalyzer training

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					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	Gibbson 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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					Basis	Amount	
					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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					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 amplicon
					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	Quibit 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				<u>Internal / Other Georgia Tech Departments</u>
					Hour	\$0	Underwater Acoustic Measurments
					Hour	\$168	<u>External / Other Educations Institutions</u> Underwater Acoustic Measurments
					Hour	\$168	<u>External /Corporate</u> Underwater Acoustic Measurments
62.	Center for X-Ray Diffraction Structure Analysis	Chem	9/20/16				<u>All Users</u>
					Per Analysis	\$300	Full Service Structure Analysis
					Per Hour	\$75	Personnel Assistance
					Per Hour	\$25	Instrument Services
63.	Systems Mass Spectrometry Center	IBB	3/1/23				<u>GT &amp; External Educational Institutes</u>
					Per Sample	\$22	Sample Preparation - Proteomics
					Per Sample	\$86	LC-MS/MS Analysis - Proteomics
					Per Sample	\$9	Data Analysis - Proteomics
					Per Sample	\$7	Liquid Sample Preparation - Metabolomics
					Per Sample	\$11	Solid Sample Preparation - Metabolomics
					Per Sample	\$38	LC-MS/MS Analysis - Metabolomics
					Per Sample	\$11	Data Analysis - Metabolomics
					Per Sample	\$23	MS (ESI) Analysis
					Per Sample	\$23	MS (MALDI) Analysis
					Pe Hour	\$100	MS (MALDI) Analysis - Hourly
					Per Sample	\$23	GC-MS Analysis
					Per Sample	\$32	Additional Data Processing
							<u>Industry</u>
					Per Sample	\$104	Sample Preparation - Proteomics
					Per Sample	\$155	LC-MS/MS Analysis - Proteomics
					Per Sample	\$45	Data Analysis - Proteomics
					Per Sample	\$53	Liquid Sample Preparation - Metabolomics
					Per Sample	\$65	Solid Sample Preparation - Metabolomics
					Per Sample	\$59	LC-MS/MS Analysis - Metabolomics
					Per Sample	\$18	Data Analysis - Metabolomics
					Per Sample	\$45	MS (ESI) Analysis
					Per Sample	\$45	MS (MALDI) Analysis
					Per Hour	\$150	MS (MALDI) Analysis - Hourly
					Per Sample	\$45	GC-MS Analysis
					Per Sample	\$35	Additional Data Processing
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
					Cubic Inch	\$28	3D Systems Project (SD)
					Cubic Inch	\$33	3D Systems Project (HD)



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					Basis	Amount	
66.	Biomolecular Characterization and Analysis	IBB/EBB	7/1/17				<u>Internal 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
							<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)

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					Basis	Amount	
					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)
					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

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No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					Basis	Amount	
66.	Biomolecular Characterization and Analysis - Addendum	IBB/EBB	6/1/23				<u>Internal/Federal/GA Core Alliance</u>
					Hour	\$10	AF4-MALS
					Hour	\$10	Nanosight 300
							<u>Other Academic Inst</u>
					Hour	\$15	AF4-MALS
					Hour	\$15	Nanosight 300
							<u>For Profit Industry</u>
					Hour	\$257	AF4-MALS
					Hour	\$102	Nanosight 300
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
							<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 / Staff Time, 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

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					Basis	Amount	
							<u>EDUCATIONAL INSTITUTES &amp; IBB INDUSTRY PARTNERS</u>
					Hour	\$59.84	CT Personal Services / Staff Time, 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 / Siemens Inveon CT imaging, per hour
					Hour	\$15.51	Biomechanics Machine Services, per hour
							<u>INDUSTRY</u>
					Hour	\$69.89	CT Personal Services / Staff Time, 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 / Siemens Inveon CT 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
							<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

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No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					Basis	Amount	
							<u>External (Industry)</u>
					Test	\$1,300	Per Test
					Hour	\$64	Instrument/Kiln Only Per Hour
					Hour	\$51	Senior Scientist
76.	DataWorks	COC	7/1/20		Hour	\$184	Senior Consultant
							<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 Institutions</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
79.	IBB - Laser Cutter Lab	IBB	4/30/22				<u>Federal, Non-Profit, and other GT Sponsored Research</u>
					Hour	\$22	Personal Service Time
							<u>External Users (Non-GT Research)</u>
					Hour	\$22	Personal Service Time
							<u>Laser Research Staff and Georgia Tech Internal Collaborators</u>
					Hour	\$22	Personal Service Time
							<u>Georgia Tech Non-Collaborators and Georgia Core Facilities Partnership</u>
					Hour	\$22	Personal Service Time
80.	IBB - MC3M Manufacturing Lab	IBB	1/1/23		Week	\$342	Facility Entry per Week
					Event	\$441	Changeover Fee Per Event
81.	Hollister-Dasi Labs	BME	3/1/23				<u>Internal (Ga Tech) and Federal Users</u>
					Print	\$30	J850 Base
					Print	\$30	J750 Base
					Grams	\$0.39	J850 Print Job
					Grams	\$0.39	J750 Print Job
					Hrs	\$21	Training J850
					Hrs	\$25	Training J750
							<u>External - Industry (For Profit)</u>
					Print	\$30	J850 Base
					Print	\$30	J750 Base
					Grams	\$0.39	J850 Print Job
					Grams	\$0.39	J750 Print Job
					Hrs	\$21	Training J850
					Hrs	\$25	Training J750

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					Basis	Amount	
82.	Desai Lab	BME	3/1/23		Print	\$185	<u>All Users</u> MJP5600
					Hrs	\$35	MJP5600 - Training

**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.

78.	Allegro Services Lab	ECE	1/1/22		Clinical Sample	\$81	<u>Federal &amp; Internal GIT users</u> Measuremens per clinical sample
					Clinical Sample	\$81	<u>External (Industry)</u> Measuremens per clinical sample