

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
1/29/2024

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	7/1/23			<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	\$44	Tier 1	
				Hour	\$22	Tier 2	
						Equipment Group 3	
Hour	\$88	Tier 1					
Hour	\$44.00	Tier 2					

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
1/29/2024

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			Date	Date			
							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
					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
					Hour	\$10	TA DSC 250
					Hour	\$10	Mettler Toledo TGA2
					Hour	\$10	Tosoh EcoSEC GPC
					Hour	\$10	Tosoh EcoSEC-HT
					Hour	\$10	Wyatt DynaPro NanoStar DLS
					Hour	\$10	Horiba FL3-21 Fluorometer
					Hour	\$10	Shimadzu IRAffinity-1
					Hour	\$10	Cary 5000 UV-Vis/NIR
					Hour	\$10	Agilent GC/MS
					Hour	\$10	Agilent LC/MS
					Hour	\$10	Dataphysics Contact Angle Goniometer
							<u>External Academic</u>
					Hour	\$75	Staff Time
							Equipment Group 1
					Hour	\$22	Tier 1
					Hour	\$11	Tier 2
							Equipment Group 2
					Hour	\$44	Tier 1
					Hour	\$22	Tier 2
							Equipment Group 3
					Hour	\$88	Tier 1
					Hour	\$44	Tier 2
							Long-Run Measurements (XRD & ICP-MS)
					Hour	\$36	Tier 1 - 0 hrs < time ≤ 12 hrs
					Hour	\$12	Tier 2 - 12 hrs < time ≤ 60 hrs
					Hour	\$4	Tier 3 - 60 hrs < 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

Georgia Institute of Technology
 Grants and Contracts Accounting
 Service/Recharge Center Rate Studies
 1/29/2024

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			Study	Update	Basis	Amount	
			Date	Date			
					Hour	\$29	TA DSC 250
					Hour	\$78	Mettler Toledo TGA2
					Hour	\$24	Tosoh EcoSEC GPC
					Hour	\$56	Tosoh EcoSEC-HT
					Hour	\$214	Wyatt DynaPro NanoStar DLS
					Hour	\$85	Horiba FL3-21 Fluorometer
					Hour	\$63	Shimadzu IRAffinity-1
					Hour	\$28	Cary 5000 UV-Vis/NIR
					Hour	\$25	Agilent GC/MS
					Hour	\$76	Agilent LC/MS
					Hour	\$122	Dataphysics Contact Angle Goniometer
							<u>Foreign Academic, Industrial, & External Users</u>
					Hour	\$75	Staff Time
					Hour	\$44	Equipment Group 1
					Hour	\$75	Equipment Group 2
					Hour	\$176	Equipment Group 3
						\$36	Long-Run Measurements (XRD & ICP-MS)
					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
					Hour	\$29	TA DSC 250
					Hour	\$78	Mettler Toledo TGA2
					Hour	\$24	Tosoh EcoSEC GPC
					Hour	\$56	Tosoh EcoSEC-HT
					Hour	\$214	Wyatt DynaPro NanoStar DLS
					Hour	\$85	Horiba FL3-21 Fluorometer
					Hour	\$63	Shimadzu IRAffinity-1
					Hour	\$28	Cary 5000 UV-Vis/NIR
					Hour	\$25	Agilent GC/MS
					Hour	\$76	Agilent LC/MS
					Hour	\$122	Dataphysics Contact Angle Goniometer

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
1/29/2024

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					Basis	Amount	
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 & 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

Georgia Institute of Technology
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Service/Recharge Center Rate Studies
1/29/2024

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					Basis	Amount	
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	
				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	\$31.83	<u>External For-Profit / Industry</u>	
						Machine Service	
				Hour	\$31.83	Assistance & Special Labor	
				Hour	\$31.83	Assistance & Special Labor - Vet	
				Hour	\$31.83	Assistance & Special Labor - Mgr/Expert	
				Hour	\$31.83	Assistance & Special Labor - Breeding	
				Hour	\$10.61	Room Rental	
				per cage	\$21.22	Cage Splitting	
				per use	\$47.74	Faxitron Use	
				per day	\$21.22	Anesthesia Machine Use	
				per cycle	\$26.52	Gas Sterilization	
				Hour	\$31.83	Animal Receiving	
		ANIMAL HUSBANDRY:					
		<u>Mice & Rats</u>					
Cage per Day	\$0.64	Mice-Conventional					
Cage per Day	\$0.95	Mice-Sterile Caging					
Cage per Day	\$0.95	Mice-Hazard					
Cage per Day	\$0.64	Mice-Breeding					
Cage per Day	\$0.95	Rats-Conventional					
Cage per Day	\$1.27	Rats-Sterile Caging					
Cage per Day	\$1.27	Rats-Hazard					
Cage per Day	\$1.27	Rodent-Special Caging					

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
1/29/2024

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates Basis	Amount	Service
							<u>Other Species</u>
					Tank Days	\$0.13	Fish Glass
					Tank Days	\$0.04	Fish Plastic
					Tank	\$0.27	Fish Spawning
					Tank Days	\$0.22	Fish Quarantine
					Animal	\$0.85	Amphibians
					Animal	\$0.85	Reptiles
					Cage Days	\$1.27	Cotton rats
					Animal Day	\$2.96	Rabbits
					Animal Day	\$2.23	Guinea Pigs
					Animal Day	\$4.87	Cats
					Animal Day	\$6.37	Ferrets
					Sm Load	\$0.18	Autoclave
18.	Histology Lab	IBB	7/1/20				<u>GT Internal</u>
					Hour	\$20	Personal Services
					Hour	\$20	Consultation
					Hour	\$20	Training
							Processing:
					Sample	\$5	Parraffin (Routine)
					Sample	\$7	Parraffin (Special)
					Sample	\$22.60	Resin
							Embedding:
					Sample	\$25	Frozen
					Sample	\$2	Parraffin
					Sample	\$20	Resin
							Sectioning:
					Slide	\$3	Frozen
					Slide	\$1	Paraffin
					Slide	\$10	Resin
					Cut	\$50	Isomet
					Slide	\$12	Exakt Grinding
							Staining:
					Slide	\$2	Deparaffinization
					Slide	\$2	Dehydration
					Slide	\$2	Hematoxylin Counterstain
					Slide	\$3.50	H&E
					Slide	\$10	Special
					Slide	\$30	IHC
							Other
					Slide	\$10	Antigen Retrieval
					Slide	\$2	Coverslipping
					Sample	\$8	Decalcification
					Sample	\$5	Deplasticization
						COST	Supplies - Pass Through
							<u>Other Academic & Industry Partner</u>
					Hour	\$28	Personal Services
					Hour	\$28	Consultation
					Hour	\$28	Training

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Service/Recharge Center Rate Studies
1/29/2024

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			Study	Update	Basis	Amount	
			Date	Date			
					Sample	\$6	Processing: Paraffin (Routine)
					Sample	\$7.50	Paraffin (Special)
					Sample	\$32.60	Resin
							Embedding:
					Sample	\$50	Frozen
					Sample	\$5	Paraffin
					Sample	\$20.50	Resin
							Sectioning:
					Slide	\$3.90	Frozen
					Slide	\$1.50	Paraffin
					Slide	\$16	Resin
					Cut	\$75	Isomet
					Slide	\$13	Exakt Grinding
							Staining:
					Slide	\$3.75	Deparaffinization
					Slide	\$3.75	Dehydration
					Slide	\$3.75	Hematoxylin Counterstain
					Slide	\$3.75	H&E
					Slide	\$25	Special
					Slide	\$60	IHC
							Other
					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
							Processing:
					Sample	\$7.71	Paraffin (Routine)
					Sample	\$9.05	Paraffin (Special)
					Sample	\$61.59	Resin
							Embedding:
					Sample	\$112.70	Frozen
					Sample	\$11.63	Paraffin
					Sample	\$29.94	Resin
							Sectioning:
					Slide	\$3.90	Frozen
					Slide	\$2.99	Paraffin
					Slide	\$32.13	Resin
					Cut	\$170.37	Isomet
					Slide	\$19.75	Exakt Grinding
							Staining:
					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

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
1/29/2024

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					Basis	Amount	
							Other
					Slide	\$21.40	Antigen Retrieval
					Slide	\$6.88	Coverslipping
					Sample	\$14.46	Decalcification
					Sample	\$10.12	Deplastization
						COST	Supplies - Pass Through
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				<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
							<u>ALL USERS</u>
22.	Technical Services Organization	CoC	3/1/22		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
25.	Electron Beam Laboratory	IEN	6/1/18				<u>US Academic Institutions</u>
					Hour	\$100	Staff Time
					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 & 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
27.	Telecom	OIT	7/1/18				<u>Internal</u>
					FTE	\$475	Telecom
29.	Microanalysis Center	MSE	1/1/23				<u>Internal GT & Federal</u>
					Hour	\$40	Personal Services
					Hour	\$48	Machine Services
							<u>External Academic Institutions</u>
					Hour	\$46	Personal Services
					Hour	\$55	Machine Services
							<u>Industrial</u>
					Hour	\$57	Personal Services
					Hour	\$68	Machine Services

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Grants and Contracts Accounting
Service/Recharge Center Rate Studies
1/29/2024

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					Basis	Amount	
30.	NMRI-MR Imaging Facility	BME	7/1/18				<u>Internal</u> Personal Services - (1 hour minimum) Instrument Services - (1 hour minimum)
							<u>External (Industry)</u> Personal Services - (1 hour minimum) Instrument Services - (1 hour minimum)
32.	Center for Advanced Brain Imaging	CoS	3/10/16	7/1/20			<u>Internal</u>
34.	Optical Microscopy	IBB	11/7/17				<u>Georgia Tech</u> Instrument Services Personal Services <u>Affiliates and Industry Partners</u> Instrument Services Personal Services <u>Industry</u> Instrument Services Personal Services
35.	Vacuum Test Facility	AE	7/1/22				<u>Internal & External</u> Main Chamber Set Up Main Chamber Usage Small Chamber Set Up Small Chamber Usage
43.	Invention Studio Center	ME	7/1/19				<u>Internal</u> Objet Eden F170 EOS Formiga <u>External/Industry</u> Objet Eden F170 EOS Formiga
47.	PACE	OIT	10/1/22				<u>Internal</u> Group A - General HPC
							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 \$45,463 [GEN] gpu-h100 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 \$0.6730 [GEN] gpu-h100 C/GPU-hr \$0.1491 [GEN] gpu-rtx6000 C/GPU-hr \$0.0131 [GEN] cpu-pmem

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
1/29/2024

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Group B - CUI HPC							
					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
					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
Service Group D - LIGO/OSG HPC							
					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
Service Group E - Data Storage - Monthly Rates							
					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
Service Group F - Facilitation							
					Hourly	\$89	General Consulting
					Hourly	\$89	CUI Consulting
External - Includes GTRI							
Group A - General HPC							
					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

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Grants and Contracts Accounting
Service/Recharge Center Rate Studies
1/29/2024

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					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
							Group B - CUI HPC
					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
							Service Group D - LIGO/OSG HPC
					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
							Service Group E - Data Storage - Monthly Rates
					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
							Service Group F - Facilitation
					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

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
1/29/2024

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					Basis	Amount	
49.	Carbon Fiber Research Center	MSE	7/1/20			<u>Internal & 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 & Educational Institutions</u>	
				Hour	\$55	Personal Services	
52.	Cellular Analysis Core	IBB	7/1/21			<u>Industrial</u>	
				Hour	\$184	Personal Services	
						<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 & 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	

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
1/29/2024

No.	Name of Rate Study	Department	Rate	Rate	Rates		Service
			Study Date	Update Date	Basis	Amount	
55.	Neuro Design Suite	IBB	1/1/22	Hour		Industry	
					\$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	
				57.	Precision Services Lab	GTMI	1/1/22
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					
58.	Molecular Evolution	IBB	7/1/21			<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	
		<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)			
		residue	\$0.20	40nmole scale unpurified DNA oligonucleotide synthesis (>119 modified or 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)			

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
1/29/2024

No.	Name of Rate Study	Department	Rate	Rate	Rates		Service
			Study	Update	Basis	Amount	
			Date	Date			
					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	
					hour	\$60	Bioanalyzer training
					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
					l/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

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
1/29/2024

No.	Name of Rate Study	Department	Rate	Rate	Rates		Service
			Study Date	Update Date	Basis	Amount	
					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
					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)

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
1/29/2024

No.	Name of Rate Study	Department	Rate	Rate	Rates		Service
			Study	Update	Basis	Amount	
			Date	Date			
					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)
					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)

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
1/29/2024

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					Basis	Amount	
					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
60.	Acoustics Water Tank Lab	ME	7/1/20				<u>Internal / Other Georgia Tech Departments</u>
					Hour	\$0	Underwater Acoustic Measurements
							<u>External / Other Educations Institutions</u>
					Hour	\$168	Underwater Acoustic Measurements
							<u>External /Corporate</u>
					Hour	\$168	Underwater Acoustic Measurements
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 & External Educational Institutes</u>
					Per Sample	\$30	Sample Preparation from extracted proteins
					Per Sample	\$80	LCMSMS data acquisition and Analysis from simple mixture (Gel bands/purified proteins/peptides)
					Per Sample	\$120	LCMSMS data acquisition and Analysis from complex mixture (Whole cell lysate/tissue lysate)
					Per Sample	\$7	Liquid Sample Preparation - Metabolomics
					Per Sample	\$11	Solid Sample Preparation - Metabolomics
					Per Sample	\$38	MS (ESI) Analysis
					Per Sample	\$11	MS (MALDI) Analysis
					Per Sample	\$23	MS (MALDI) Analysis - Hourly
					Per Sample	\$23	GC-MS Analysis
					Pe Hour	\$100	LC-MS Analysis - Metabolomics
					Per Sample	\$23	Data Analysis - Metabolomics
					Per Sample	\$32	Additional Data Processing
							<u>Industry</u>
					Per Sample	\$45	Sample Preparation from extracted proteins
					Per Sample	\$120	LCMSMS data acquisition and Analysis from simple mixture (Gel bands/purified proteins/peptides)
					Per Sample	\$180	LCMSMS data acquisition and Analysis from complex mixture (Whole cell lysate/tissue lysate)
					Per Sample	\$53	Liquid Sample Preparation - Metabolomics
					Per Sample	\$65	Solid Sample Preparation - Metabolomics
					Per Sample	\$59	MS (ESI) Analysis
					Per Sample	\$18	MS (MALDI) Analysis
					Per Sample	\$45	MS (MALDI) Analysis - Hourly
					Per Sample	\$45	GC-MS Analysis
					Per Hour	\$150	LC-MS Analysis - Metabolomics
					Per Sample	\$45	Data Analysis - Metabolomics
					Per Sample	\$35	Additional Data Processing

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
1/29/2024

No.	Name of Rate Study	Department	Rate	Rate	Rates		Service
			Study Date	Update Date	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>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					

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
1/29/2024

No.	Name of Rate Study	Department	Rate	Rate	Rates		Service
			Study	Update	Basis	Amount	
			Date	Date			
							<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)
					Day	\$65	BioTek Synergy H4 (long)

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
1/29/2024

No.	Name of Rate Study	Department	Rate	Rate	Rates		Service
			Study	Update	Basis	Amount	
			Date	Date			
					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
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
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
							<u>EDUCATIONAL INSTITUTES & 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

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
1/29/2024

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					Basis	Amount	
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	
71.	Tribology & Surface Engineering Lab	ME	7/1/18			<u>Internal/Federal</u>	
				Sample	\$160	Repeat of Initial Test Sample	
				Cost	Cost	Non Standard Setup (Material)	
				Hour	\$148	Director Consulting	
				Hour	\$64	GRA Consulting	
						<u>External (Industry)</u>	
				Hour	\$50	Lab Rate	
						<u>External (Industry)</u>	
				Hour	\$50	Lab Rate	
						<u>Internal /Federal</u>	
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					
74.	Laser Machining Lab	IEN	9/1/19			<u>US Academic Institutions</u>	
							Machine Class 1
				Hour	\$25	X-Ray Inspection System (DAGE)	
				Hour	\$25	Sub-Micron Bonder (Finetech)	
				Hour	\$25	60 Watt Laser System (Hermes LS500XL CO2)	
				Hour	\$25	UV Micro Machining System (Resonetics IR laser)	
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	

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
1/29/2024

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					Basis	Amount	
79.	IBB - Laser Cutter Lab	IBB	4/30/22				<u>Federal, Non-Profit, and other GT Sponsored Research</u>
				Hour	\$22		Personal Service Time
				Hour	\$22		<u>External Users (Non-GT Research)</u>
				Hour	\$22		Personal Service Time
				Hour	\$22		<u>Laser Research Staff and Georgia Tech Internal Collaborators</u>
				Hour	\$22		Personal Service Time
				Hour	\$22		<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
82.	Desai Lab	BME	3/1/23				<u>All Users</u>
				Print	\$173		MJP5600
				Hrs	\$35		MJP5600 - Training
<u>Facility Use Rate</u>							
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				<u>Federal & Internal GIT users</u>
				Clinical Sample	\$81		Measuremens per clinical sample
				Clinical Sample	\$81		<u>External (Industry)</u>
				Clinical Sample	\$81		Measuremens per clinical sample
58	Molecular Evolution	IBB	7/1/2023	Use	\$1,063		<u>All Users</u> NovaSeq 6000 Instrument