

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
3/24/2023

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						
		Machine Service, per hour:						
Hour	\$28	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						

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
3/24/2023

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					Basis	Amount	
							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
						\$36	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

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
3/24/2023

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					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
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
3/24/2023

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					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	
				Cost plus	16%	Supplies & Third Party	
				13.	Stable Isotope Facility	EAS	7/1/21
Hour	\$18	<u>External Non-Profit / Other Academic</u> Machine Service					
Hour	\$28	<u>External For-Profit / Industry</u> Machine Service					
17.	Physiological Research Lab (Vivarium)	IBB	2/1/21	Hour	\$30	Assistance & Special Labor	
				Hour	\$30	Assistance & Special Labor - Vet	
				Hour	\$30	Assistance & Special Labor - Mgr/Expert	
				Hour	\$30	Assistance & Special Labor - Breeding	
				Hour	\$10	Room Rental	
				per cage	\$20	Cage Splitting	
				per use	\$45	Faxitron Use	
				per day	\$20	Anesthesia Machine Use	
				per cycle	\$25	Gas Sterilization	
				Hour	\$30	Animal Receiving	
						ANIMAL HUSBANDRY:	
						<u>Mice & 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					

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					Basis	Amount	
							<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
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
							Processing:
					Sample	\$6	Parraffin (Routine)
					Sample	\$7.50	Parraffin (Special)
					Sample	\$32.60	Resin

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
3/24/2023

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					Basis	Amount	
					Sample	\$50	Embedding: Frozen
					Sample	\$5	Parraffin
					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	Parraffin (Routine)
					Sample	\$9.05	Parraffin (Special)
					Sample	\$61.59	Resin
							Embedding:
					Sample	\$112.70	Frozen
					Sample	\$11.63	Parraffin
					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
							Other
					Slide	\$21.40	Antigen Retrieval
					Slide	\$6.88	Coverslipping
					Sample	\$14.46	Decalcification
					Sample	\$10.12	Deplasticization
						COST	Supplies - Pass Through

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
3/24/2023

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					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				<u>GTPE Administrative Charge - Sponsored PE Contracts</u>
					Federal	Other	
					26.5%	27.5%	Contract Value < \$5K
					22.0%	23.0%	Contract Value \$5K - < \$10K
					12.5%	13.5%	Contract Value \$10K - < \$30K
					10.5%	11.5%	Contract Value \$30K - < \$50K
					8.5%	9.5%	Contract Value \$50K - < \$100K
					9.0%	10.0%	Contract Value > \$100K
26.	3-D Printer	COD	7/14/17		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
							<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
							<u>External</u>
					Hour	\$9.03	Instrument Services
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
30.	NMRI-MR Imaging Facility	BME	7/1/18				<u>Internal</u>
					Hour	\$70	Personal Services - (1 hour minimum)
					Hour	\$110	Instrument Services - (1 hour minimum)
							<u>External (Industry)</u>
					Hour	\$72	Personal Services - (1 hour minimum)
					Hour	\$241	Instrument Services - (1 hour minimum)

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
3/24/2023

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					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
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>					
		Objet Eden					
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>	
						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	\$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	
						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	

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
3/24/2023

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

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
3/24/2023

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					Basis	Amount	
					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
49.	Carbon Fiber Research Center	MSE	7/1/20		Hour	\$203	Professor PS time
					Hour	\$67	Senior Res. Scientist
					Hour	\$45	GRA Time
					Day	\$560	Single Filament Spinning Equipment
					Day	\$560	Multifilament Spinning Equipment
					Week	\$2,800	Multifilament Stabilization & Carbonization
					Hour	\$70	Solution Preparation Equipment
					Days	\$560	Microcompounder/ Injection molding
					Hour	\$70	Characterization Instruments
					Day	\$560	Batch Furnance Equipment
50.	Machine Shop	AE	5/12/14				<u>Federal & Educational Institutions</u>
					Hour	\$55	Personal Services

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
3/24/2023

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					Basis	Amount	
52.	Cellular Analysis Core	IBB	12/15/16	7/1/20	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 & 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

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
3/24/2023

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					Basis	Amount	
55.	Neuro Design Suite	IBB	1/1/22			<u>Internal GIT & 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 unmodified bases)	
				residue	\$0.20	unmodified bases)	
				50,000 reads	\$33	50,000 sequencing reads with library preparation	
				chip	\$50	12 X 12 Chip	
				chip	\$50	48.48 Gene Expression	
				chip	\$50	48.48 Genotyping	
				chip	\$50	48.48 Pre-Amp	
				chip	\$50	48.48 Taqman Gene Expression	
				chip	\$50	96.96 Gene Expression	
				chip	\$50	96.96 Genotyping	
				chip	\$50	96.96 Pre-Amp	
				Plate	\$15	Agar plates (per 20 plates)	
				sample	\$15	Agarose gel analysis 1 to 7 samples	
				sample	\$200	Antibody/Hybridoma sequencing	
				hour	\$10	Andrew pipetting robot	
				tube	\$0.50	Antibiotics stock solutions	
				chip	\$10	Bioanalyzer 2100 (DNA 1000) with seq at the core	
				chip	\$10	Bioanalyzer 2100 (DNA HS) with seq at the core	
				chip	\$20	Bioanalyzer 2100 w/o seq at core (DNA 1000)	
				chip	\$20	Bioanalyzer 2100 w/o seq at core (DNA HS)	
				chip	\$50	Bioanalyzer 2100 w/o seq at core (protein)	
chip	\$17	Bioanalyzer 2100 RNA Nano w/o seq at the core					
chip	\$10	Bioanalyzer 2100 RNA Nano with seq at the core					
chip	\$33	Bioanalyzer 2100 RNA Pico w/o seq at the core					
chip	\$10	Bioanalyzer 2100 RNA Pico with seq at the core					
		Bioanalyzer run with reagents provided by the customer (DNA 1000, DNA HS, RNA Pico and RNA Nano)					
chip	\$5	Pico and RNA Nano)					
hour	\$60	Bioanalyzer training					

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
3/24/2023

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

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
3/24/2023

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

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
3/24/2023

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

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
3/24/2023

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					Basis	Amount	
60.	Acoustics Water Tank Lab	ME	7/1/20			<u>Internal / Other Georgia Tech Departments</u>	
				Hour	\$0	Underwater Acoustic Measurements	
				Hour	\$168	<u>External / Other Educations Institutions</u> Underwater Acoustic Measurements	
				Hour	\$168	<u>External /Corporate</u> 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	\$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)					

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
3/24/2023

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					Basis	Amount	
66.	Biomolecular Characterization and Analysis	IBB/EBB	7/1/17				<u>All Users</u>
				Hour	\$0		Personal Services (Training), per hour
				Hour	\$5		BioTek Synergy H4 Multimode Plate Reader
				Hour	\$5		QuantStudio 6 Flex rtPCR
				Hour	\$5		Applied Biosystems StepOne Plus rtPCR#2
				Hour	\$20		Arcturus XT Laser Capture Microdissection System
				Hour	\$0		AMAXA Electroporation Device
				Hour	\$5		Amersham RGB 600 Imager
				Hour	\$5		Optima XPN Ultracentrifuge
				Hour	\$2		Allegra benchtop centrifuge
				Hour	\$2		Microcentrifuge
				Hour	\$10		FAST prep 24 homogenizer
				Hour	\$5		High performance centrifuge
				Hour	\$10		GE FLA 9500
				Flask	\$5		Freeze-zone Freeze Dry System
				Hour	\$5		LI-COR imager
				Hour	\$10		AP Chirascan-Plus
				Hour	\$5		BioTek Synergy H4 (short)
				Day	\$30		BioTek Synergy H4 (long)
				Hour	\$3		GE AKTA Pure 25
				Hour	\$0		GE Ultrospec 2100 Pro
				Hour	\$15		Olis RSM1000
				Hour	\$5		Shimadzu Prominence
				Per Session	\$0		Shimadzu Prominence
				Hour	\$0		Stratagene Mx3005P
				Hour	\$10		Wyatt DynaPro NanoStar
				Hour	\$10		Malvern Viscotek SEC-MALS 20
				Hour	\$10		Malvern Zetasizer Nano Z
				Hour	\$10		Wyatt Dynapro Plate Reader
				Hour	\$5		Nano Temper Promethius
				Hour	\$5		Ultracentrifuge
				Hour	\$5		High Speed Centrifuge Avanti
				Hour	\$5		Isothermal calorimetry
				Hour	\$10		Differential Scanning Calorimetry
				Sample	\$50		Analytical ultracentrifuge
							<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)

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
3/24/2023

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

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
3/24/2023

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service				
					Basis	Amount					
67.	IDEAS: MD3	IMaT	7/1/17			<u>Internal & Federal Users</u>					
				12 Mths	\$6,105	MATIN Annual (12mth) Support Package					
				1 Month	\$733	MATIN Monthly Package					
				10 Hours	\$665	Additional Support Package (10 Hrs)					
						<u>External</u>					
				12 Mths	\$6,105	MATIN Annual (12mth) Support Package					
				1 Month	\$733	MATIN Monthly Package					
				10 Hours	\$665	Additional Support Package (10 Hrs)					
				68.	STAMI Polymer and Molecular Characterization Facility	Chem	10/1/21			<u>Internal Trained Users</u>	
								Hour	\$7	DSC 250	
								Hour	\$6	Mettler Toledo TGA2	
								Hour	\$8	Tosoh EcoSEC GPC	
Hour	\$6	Tosoh EcoSEC-HT									
Hour	\$6	Wyatt DynaPro NanoStar DLS									
Hour	\$6	Horiba FL3-21 Fluorometer									
Hour	\$6	Shimadzu IRAffinity-1									
Hour	\$6	Cary 5000 UV-Vis/NIR									
Hour	\$6	Agilent GC/MS									
Hour	\$8	Agilent LC/MS									
		<u>Internal Sample Run & 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					

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
3/24/2023

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

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
3/24/2023

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
					Hour	\$184	Senior Consultant
76.	DataWorks	COC	7/1/20				<u>Internal</u>
					Hour	\$32	Personal Service Time
							<u>Other Educational Institution and Non-Profits</u>
					Hour	\$32	Personal Service Time
							<u>External - Industry (For Profit)</u>
					Hour	\$41	Personal Service Time
77.	IRIM - CAREN	IRIM	1/1/21				<u>Internal (Ga Tech) and Federal Users</u>
					Hour	\$45	Personal Service Time
					Hour	\$25	Instrument Services
							<u>Other Educational 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

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
3/24/2023

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					Basis	Amount	
82.	Desai Lab	BME	3/1/23			<u>Internal/Federal</u>	
				Print	\$185	MJP5600	
				Hrs	\$35	MJP5600 - Training	
						<u>Internal/Federal</u>	
				Print	\$185	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			<u>Federal & Internal GIT users</u>	
				Clinical Sample	\$81	Measuremens per clinical sample	
				Clinical Sample	\$81	<u>External (Industry)</u> Measuremens per clinical sample	