

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
3/24/2021

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		
					Basis	Amount	Service
2.	Glass Shop	Chemistry	7/1/17	7/1/20	Hour	\$75	Personal Services & Equipment Services, Internal (GA Tech)
					Hour	\$75	Personal Services & Equipment Services, External - Academic
					Hour	\$107	Personal Services & Equipment Services, External Industry
					Cost	Cost	Supplies
3.	NEETRAC Consulting Services	ECE	1/1/20		Hour	\$127	Senior Research Engineer
					Hour	\$95	Research Engineers
					Hour	\$70	Research Coordinators
					Hour	\$44	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	Hour	\$40	<u>Educational Institutions</u>
							Personal Services, Other
					Hour	\$10	Tier A
							Hourly Rate
					Hour	\$7	Tier B
							Hourly Rate
					Hour	\$25	Tier C
							First 8 hour rate
					Hour	\$7	Extended time rate
					Hour	\$18	Tier D
							First 8 hour rate
					Hour	\$7	Extended time rate
					Hour	\$12	Tier E
							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		Hour	\$75	<u>Internal Academic</u>
							Staff Time
					Hour	\$20	Equipment Group 1
							Tier 1
					Hour	\$10	Tier 2
							Equipment Group 2
					Hour	\$36	Tier 1
							Tier 2
					Hour	\$18	Equipment Group 3
							Tier 1

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					Basis	Amount	Service
					Hour	\$38	Tier 2 <u>External Academic</u>
					Hour	\$75	Staff Time Equipment Group 1
					Hour	\$20	Tier 1
					Hour	\$10	Tier 2 Equipment Group 2
					Hour	\$36	Tier 1
					Hour	\$18	Tier 2 Equipment Group 3
					Hour	\$76	Tier 1
					Hour	\$38	Tier 2 <u>Industrial</u>
					Hour	\$75	Staff Time Equipment Group 1
					Hour	\$30	Equipment Group 2
					Hour	\$60	Equipment Group 3
					Hour	\$150	
9.	IEN Micro/Nano Fabrication Facility	IEN	12/1/20				<u>Internal Academic</u>
					Month	\$220	Facility Entry Fee, (Inorganic Cleanroom)
					Month	\$0	Facility Entry Fee, (Organic Cleanroom)
					Hour	\$22	Cleanroom Supply Use
					Hour	\$100	Research/Equipment Services Time
					Month	\$3,000	Special Projects Usage
					Hour	\$10	Back-End Processing Tools
					Hour	\$60	EBL Machine Time
					Hour	\$25	Laser Machining Lab Class 1 Tools
					Hour	\$35	Laser Machining Lab Class 2 Tools
					Hour	\$50	Laser Machining Lab Class 3 Tools
							<u>External Academic</u>
					Month	\$220	Facility Entry Fee, (Inorganic Cleanroom)
					Month	\$0	Facility Entry Fee, (Organic Cleanroom)
					Hour	\$22	Cleanroom Supply Use
					Hour	\$100	Research/Equipment Services Time
					Month	\$3,000	Special Projects Usage
					Hour	\$10	Back-End Processing Tools
					Hour	\$60	EBL Machine Time
					Hour	\$25	Laser Machining Lab Class 1 Tools
					Hour	\$35	Laser Machining Lab Class 2 Tools
					Hour	\$50	Laser Machining Lab Class 3 Tools
							<u>INDUSTRIAL RATES</u>
					Month	\$605	Facility Entry Fee, (Inorganic Cleanroom)
					Month	\$0	Facility Entry Fee, (Organic Cleanroom)
					Hour	\$22	Cleanroom Supply Use
					Hour	\$100	Research/Equipment Services Time
					Month	\$4,392	Special Projects Usage
					Hour	\$15	Back-End Processing Tools
					Hour	\$90	EBL Machine Time
					Hour	\$35	Laser Machining Lab Class 1 Tools
					Hour	\$40	Laser Machining Lab Class 2 Tools
					Hour	\$76	Laser Machining Lab Class 3 Tools

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					Basis	Amount	Service
10.	Printing and Copying Center	OIT	6/1/16		Hour	\$83	Desktop Services
					Hour	\$18	PrePress Services
					Hour	\$49	Ryobi Services
					Hour	\$48	Heidelberg Windmill Services
					Copy	\$0.024	Quick Copy Services, plus paper
					Copy	\$0.19	Color Copier, plus paper
					Hour	\$30	Bindery Hand Labor Services
					Hour	\$47	Cutter Services
					Hour	\$55	Bourg Services
					Hour	\$65	Folder Services
					Cost plus	0%	Postage Setvices
					Hour	\$62	Inkjet Mailer
					Hour	\$54	Envelope Inserter
					Hour	\$60	Small Bind Services
					Copy	\$0.04	Student Printing
					Copy	\$0.19	Student Color Printing
					Sq. Ft.	\$3.87	Wide Format Printing
					Cost plus	16%	Supplies & Third Party
14.	Packaging Research Center	IEN	9/1/20				<u>US Academic Institutions</u>
					Hour	\$60	Staff Time
					Hour per tool	\$5	Cleanroom Substrate Laboratory
					Hour per tool	\$16	Plating Laboratory
					Hour per tool	\$5	Assembly Lab
					Hour per tool	\$2	Environmental Testing Area
					Hour per tool	\$5	Materials Laboratory
					Hour per tool	\$6	419 Substrate Laboratory
							<u>US Foreign Institutions and Industry</u>
					Hour	\$60	Staff Time
					Hour per tool	\$7	Cleanroom Substrate Laboratory
					Hour per tool	\$22	Plating Laboratory
					Hour per tool	\$7	Assembly Lab
					Hour per tool	\$3	Environmental Testing Area
					Hour per tool	\$7	Materials Laboratory
					Hour per tool	\$8	419 Substrate Laboratory
15.	Mass Spectrometry Lab	Chemistry	5/9/16				<u>INTERNAL (GA Tech)</u>
					Hour	\$12	Personal Services
					Hour	\$12	Instrument Services
							<u>OTHER EDUCATIONAL INSTITUTIONS RATE</u>
					Hour	\$12	Personal Services
					Hour	\$12	Instrument Services
							<u>INDUSTRIAL RATE</u>
					Hour	\$117	Personal Services
					Hour	\$41	Instrument Services

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					Basis	Amount	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
							<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	\$20.00	Personal Services
					Hour	\$20.00	Consultation
					Hour	\$20.00	Training
							Processing:
					Sample	\$5.00	Parraffin (Routine)
					Sample	\$7.00	Parraffin (Special)
					Sample	\$22.60	Resin
							Embedding:
					Sample	\$25.00	Frozen
					Sample	\$2.00	Parraffin
					Sample	\$20.00	Resin
							Sectioning:
					Slide	\$3.00	Frozen
					Slide	\$1.00	Paraffin
					Slide	\$10.00	Resin
					Cut	\$50.00	Isomet
					Slide	\$12.00	Exakt Grinding

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					Basis	Amount	
							Staining:
					Slide	\$2.00	Deparaffinization
					Slide	\$2.00	Dehydration
					Slide	\$2.00	Hematoxylin Counterstain
					Slide	\$3.50	H&E
					Slide	\$10.00	Special
					Slide	\$30.00	IHC
							Other
					Slide	\$10.00	Antigen Retrieval
					Slide	\$2.00	Coverslipping
					Sample	\$8.00	Decalcification
					Sample	\$5.00	Deplasticization
						COST	Supplies - Pass Through
							<u>Other Academic & Industry Partner</u>
					Hour	\$28.00	Personal Services
					Hour	\$28.00	Consultation
					Hour	\$28.00	Training
							Processing:
					Sample	\$6.00	Parraffin (Routine)
					Sample	\$7.50	Parraffin (Special)
					Sample	\$32.60	Resin
							Embedding:
					Sample	\$50.00	Frozen
					Sample	\$5.00	Parraffin
					Sample	\$20.50	Resin
							Sectioning:
					Slide	\$3.90	Frozen
					Slide	\$1.50	Paraffin
					Slide	\$16.00	Resin
					Cut	\$75.00	Isomet
					Slide	\$13.00	Exakt Grinding
							Staining:
					Slide	\$3.75	Deparaffinization
					Slide	\$3.75	Dehydration
					Slide	\$3.75	Hematoxylin Counterstain
					Slide	\$3.75	H&E
					Slide	\$25.00	Special
					Slide	\$60.00	IHC
							Other
					Slide	\$12.50	Antigen Retrieval
					Slide	\$3.50	Coverslipping
					Sample	\$9.00	Decalcification
					Sample	\$6.00	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

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					Basis	Amount	Service
					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
20.	Georgia Industrial Fellowships for Teachers	CEISMC	7/1/21				<u>On Campus Rate</u>
					Participant	\$1,750	Participant Charge
							<u>Off Campus Rate</u>
					Participant	\$2,500	Participant Charge
21.	Testing Services	RBI	10/1/19				<u>INTERNAL, ACADEMIC, INDUSTRY MEMBERS</u>
					Hour	\$90	Senior Scientist
					Hour	\$68	Analyst
							<u>INDUSTRIAL - NON-MEMBER</u>
					Hour	\$99	Senior Scientist
					Hour	\$75	Analyst
					Hour	\$60	Consulting Services
22.	Technical Services Organization	CoC	11/6/15		EFT per year	\$6,123	Computing & Networking Services
24.	Professional Education	GTPE	6/23/16				<u>GTPE Administrative Charge - Sponsored PE Contracts</u>
					Federal	Other	
					26.5%	27.5%	Contract Value < \$5K
					22.0%	23.0%	Contract Value \$5K - < \$10K
					12.5%	13.5%	Contract Value \$10K - < \$30K
					10.5%	11.5%	Contract Value \$30K - < \$50K
					8.5%	9.5%	Contract Value \$50K - < \$100K
					9.0%	10.0%	Contract Value > \$100K
26.	3-D Printer	COD	7/14/17		Cubic Inch	\$4.75	Dimension FDM Printing
					ML	\$0.37	Form 2 - High Res Clear and White
					ML	\$0.50	Form 2 - Rubber
					Cubic Inch	\$5.50	Zcorp - Powder
							<u>Internal Non COD & 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
28.	Neuro Lab	BME	11/28/15		Group per Semester	\$1,264.29	Lab Coordination and Communications Fee
					Group per Semester	\$112.41	Lab Supplies and Services

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No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					Basis	Amount	
					Group per Semester	\$52.49	Lab Gas Charges
					Hour	\$9.03	<u>External</u> Instrument Services
29.	Microanalysis Center	MSE	3/28/14		Hour	\$30	<u>Internal</u> Personal Services
					Hour	\$30	Instrument Services
					Hour	\$36	<u>Industrial</u> Personal Services
					Hour	\$45	Instrument Services
30.	NMRI-MR Imaging Facility	BME	7/1/18		Hour	\$70	<u>Internal</u> Personal Services - (1 hour minimum)
					Hour	\$110	Instrument Services - (1 hour minimum)
					Hour	\$72	<u>External (Industry)</u> Personal Services - (1 hour minimum)
					Hour	\$241	Instrument Services - (1 hour minimum)
					Hour	\$42	<u>For Profit External/Industry</u> Weekend / Evening
					Hour	\$90	Consulting Services
					Hour	\$82	Facility Use
					Hour	\$1,000	Instrument Services
34.	Optical Microscopy	IBB	11/7/17		Hour	\$22	<u>Georgia Tech</u> Instrument Services
					Hour	\$24	Personal Services
					Hour	\$30	<u>Affiliates and Industry Partners</u> Instrument Services
					Hour	\$32	Personal Services
					Hour	\$105	<u>Industry</u> Instrument Services
					Hour	\$69	Personal Services
35.	Vacuum Test Facility	AE	2/24/16		Day	\$621	Main Chamber Set Up
					Day	\$1,605	Main Chamber Usage
					Day	\$621	Small Chamber Set Up
					Day	\$1,605	Small Chamber Usage
38.	Genome Analysis	IBB	7/1/17		Hour	\$52	<u>GT Users</u> Personal Services, per hours
					unit	\$1,210	96.96 Gene Expression
					unit	\$836	96.96 Genotyping
					unit	\$57	96.96 Pre-Amp
					unit	\$603	48.48 Gene Expression
					unit	\$542	48.48 Genotyping
					unit	\$57	48.48 Pre-Amp
					unit	\$606	48.48 Taqman Gene Expression
					unit	\$762	12 X 12 Chip
					unit	\$54	Nano Bioanalyzer
					unit	\$5	Nano Bioanalyzer w/o Reagents
					unit	\$73	Pico Bioanalyzer
					unit	\$5	Pico Bioanalyzer w/o Reagents
					unit	\$2	Nano Drop
					per chip (8 samples)	\$40	ddPCR

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					Basis	Amount	Service
					per chip (8 samples)	\$16	ddPCR w/o reagents
					unit	\$0	Nucleofector
					Per Cartidrg	\$200	BioRad ddSEQ
					unit	\$5	Step One PLus 96 well RT PCR S
					Per Sample	\$50	Library
					Sample	\$2,200	Chromium™ Single Cell 3' GEM, Library & Isolation and Prep Single Sample
					Sample	\$1,750	Chromium™ Single Cell 3' GEM, Library & Isolation and Prep 4 Sample Sets
					Sample	\$2,050	Chromium™ Single Cell 5' Library & Library & Isolation and Prep, Single Sample
					Sample	\$1,600	Chromium™ Single Cell 5' Library & Library & Isolation and Prep, 4 Sample Sets
					Sample	\$2,050	Single Cell ATAC Seq Assay
					Sample	\$1,600	Single Cell ATAC Seq Assay, 4 sample Set
							<u>Affiliates and Industry Partners</u>
					Hour	\$52	Personal Services, per hours
					unit	\$1,469	96.96 Gene Expression
					unit	\$1,015	96.96 Genotyping
					unit	\$70	96.96 Pre-Amp
					unit	\$713	48.48 Gene Expression
					unit	\$547	48.48 Genotyping
					unit	\$70	48.48 Pre-Amp
					unit	\$774	48.48 Taqman Gene Expression
					unit	\$788	12 X 12 Chip
					unit	\$58	Nano Bioanalyzer
					unit	\$80	Pico Bioanalyzer
					unit	\$2	Nano Drop
					per chip (8 samples)	\$40	ddPCR
					per chip (8 samples)	\$16	ddPCR w/o reagents
					unit	\$7	Nucleofector
					Per Cartidrg	\$250	BioRad ddSEQ
					unit	\$5	Step One PLus 96 well RT PCR S
					Per Sample	\$100	Library
					Sample	\$2,200	Chromium™ Single Cell 3' GEM, Library & Isolation and Prep Single Sample
					Sample	\$1,750	Chromium™ Single Cell 3' GEM, Library & Isolation and Prep 4 Sample Sets
					Sample	\$2,050	Chromium™ Single Cell 5' Library & Library & Isolation and Prep, Single Sample
					Sample	\$1,600	Chromium™ Single Cell 5' Library & Library & Isolation and Prep, 4 Sample Sets
					Sample	\$2,050	Single Cell ATAC Seq Assay
					Sample	\$1,600	Single Cell ATAC Seq Assay, 4 sample Set
							<u>External (Industry)</u>
					Hour	\$52	Personal Services, per hours
					unit	\$1,646	96.96 Gene Expression
					unit	\$904	96.96 Genotyping
					unit	\$82	96.96 Pre-Amp
					unit	\$713	48.48 Gene Expression
					unit	\$547	48.48 Genotyping
					unit	\$82	48.48 Pre-Amp
					unit	\$774	48.48 Taqman Gene Expression
					unit	\$788	12 X 12 Chip
					unit	\$63	Nano Bioanalyzer
					unit	\$82	Pico Bioanalyzer

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					Basis	Amount	
					unit	\$2	Nano Drop
					per chip (8 samples)	\$48	ddPCR
					per chip (8 samples)	\$28	ddPCR w/o reagents
					unit	\$7	Nucleofector
					Per Cartidrge	\$258	BioRad ddSEQ
					unit	\$5	Step One PLus 96 well RT PCR S
					Per Sample	\$412	Library
					Sample	\$2,510	Chromium™ Single Cell 3' GEM, Library & Isolation and Prep Single Sample
					Sample	\$2,314	Chromium™ Single Cell 3' GEM, Library & Isolation and Prep 4 Sample Sets
					Sample	\$2,281	Chromium™ Single Cell 5' Library & Library & Isolation and Prep, Single Sample
					Sample	\$2,196	Chromium™ Single Cell 5' Library & Library & Isolation and Prep, 4 Sample Sets
					Sample	\$2,250	Single Cell ATAC Seq Assay
					Sample	\$2,122	Single Cell ATAC Seq Assay, 4 sample Set
43.	Invention Studio Center	ME	7/1/18		Cubic Inch	\$30	<u>Internal</u>
					Cubic Inch	\$20	Objet Eden
					Cubic Inch	\$25	F170
							EOS Formiga
					Cubic Inch	\$60	<u>External/Industry</u>
					Cubic Inch	\$48	Objet Eden
					Cubic Inch	\$33	F170
							EOS Formiga
47.	High Performace Computing (HPC)	OIT	1/1/20				<u>Internal</u>
							<u>Group A - General HPC</u>
					Server-yr	\$1,386	[GEN] cpu-192GB
					Server-yr	\$1,567	[GEN] cpu-384GB
					Server-yr	\$1,835	[GEN] cpu-384GB-SAS
					Server-yr	\$1,835	[GEN] cpu-768GB
					Server-yr	\$2,418	[GEN] cpu-768GB-SAS
					Server-yr	\$3,897	[GEN] gpu-192GB-v100
					Server-yr	\$5,035	[GEN] gpu-384GB-RTX6000
					Server-yr	\$4,069	[GEN] gpu-384GB-v100
					Server-yr	\$5,240	[GEN] gpu-768GB-RTX6000
					Server-yr	\$4,437	[GEN] gpu-768GB-v100
					C/GPU-hr	\$0.0068	[GEN] cpu-192GB
					C/GPU-hr	\$0.0077	[GEN] cpu-384GB
					C/GPU-hr	\$0.0091	[GEN] cpu-384GB-SAS
					C/GPU-hr	\$0.0091	[GEN] cpu-768GB
					C/GPU-hr	\$0.0119	[GEN] cpu-768GB-SAS
					C/GPU-hr	\$0.2307	[GEN] gpu-192GB-v100
					C/GPU-hr	\$0.1491	[GEN] gpu-384GB-RTX6000
					C/GPU-hr	\$0.2409	[GEN] gpu-384GB-v100
					C/GPU-hr	\$0.1551	[GEN] gpu-768GB-RTX6000
					C/GPU-hr	\$0.2627	[GEN] gpu-768GB-v100
					Server-yr	\$1,365	[GEN] cpu-192GB
					Server-yr	\$2,079	[GEN] cpu-384GB
					Server-yr	\$3,076	[GEN] cpu-384GB-SAS
					Server-yr	\$2,576	[GEN] cpu-768GB
					C/GPU-hr	\$0.0067	[GEN] cpu-192GB
					C/GPU-hr	\$0.0103	[GEN] cpu-384GB

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					Basis	Amount	Service
					C/GPU-hr	\$0.0152	[GEN] cpu-384GB-SAS
					C/GPU-hr	\$0.0127	[GEN] cpu-768GB
					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	\$6.67	[Storage] Project Storage
					per/Drive Bay	\$41.22	[Storage] CUI
					per/TB	\$6.60	[Storage] Hive
					per/TB	\$2.61	[Storage] LIGO/OSG
					per/TB	\$3.33	[Storage] Archival
					per/TB	\$5.40	[Storage] Dataset Publication
					Service Group F - Facilitation		
					Hourly	\$98	General Consulting
					Hourly	\$98	CUI Consulting
					External - Includes GTRI		
					Group A - General HPC		
					Server-yr	\$4,933.83	[GEN] cpu-192GB
					Server-yr	\$5,586.84	[GEN] cpu-384GB
					Server-yr	\$5,848.55	[GEN] cpu-384GB-SAS
					Server-yr	\$6,019.30	[GEN] cpu-768GB
					Server-yr	\$6,886.34	[GEN] cpu-768GB-SAS
					Server-yr	\$7,455.77	[GEN] gpu-192GB-v100
					Server-yr	\$10,192.16	[GEN] gpu-384GB-RTX6000
					Server-yr	\$8,583.61	[GEN] gpu-384GB-v100
					Server-yr	\$9,565.71	[GEN] gpu-768GB-RTX6000
					Server-yr	\$8,349.13	[GEN] gpu-768GB-v100
					C/GPU-hr	\$0.0243	[GEN] cpu-192GB
					C/GPU-hr	\$0.0276	[GEN] cpu-384GB
					C/GPU-hr	\$0.0289	[GEN] cpu-384GB-SAS
					C/GPU-hr	\$0.0297	[GEN] cpu-768GB
					C/GPU-hr	\$0.0340	[GEN] cpu-768GB-SAS
					C/GPU-hr	\$0.4415	[GEN] gpu-192GB-v100
					C/GPU-hr	\$0.3018	[GEN] gpu-384GB-RTX6000
					C/GPU-hr	\$0.5083	[GEN] gpu-384GB-v100
					C/GPU-hr	\$0.2832	[GEN] gpu-768GB-RTX6000
					C/GPU-hr	\$0.4944	[GEN] gpu-768GB-v100
					Group B - CUI HPC		
					Server-yr	\$11,524.56	[GEN] cpu-192GB
					Server-yr	\$12,958.62	[GEN] cpu-384GB
					Server-yr	\$16,540.47	[GEN] cpu-384GB-SAS
					Server-yr	\$13,170.73	[GEN] cpu-768GB
					C/GPU-hr	\$0.0569	[GEN] cpu-192GB
					C/GPU-hr	\$0.0639	[GEN] cpu-384GB
					C/GPU-hr	\$0.0816	[GEN] cpu-384GB-SAS

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		
					Basis	Amount	Service
					C/GPU-hr	\$0.0650	[GEN] cpu-768GB
							Service Group D - LIGO/OSG HPC
					Server-yr	\$9,498.69	[LIGO/OSG] cpu-192GB
					Server-yr	\$8,376.94	[LIGO/OSG] cpu-384GB
					Server-yr	\$12,423.64	[LIGO/OSG] gpu-384GB-RTX6000
					C/GPU-hr	\$0.0469	[LIGO/OSG] cpu-192GB
					C/GPU-hr	\$0.0413	[LIGO/OSG] cpu-384GB
					C/GPU-hr	\$0.3678	[LIGO/OSG] gpu-384GB-RTX6000
							Service Group E - Data Storage - Monthly Rates
					per/TB	\$7.68	[Storage] Project Storage
					per/Drive Bay	\$41.22	[Storage] CUI
					per/TB	\$6.60	[Storage] Hive
					per/TB	\$2.61	[Storage] LIGO/OSG
					per/TB	\$4.93	[Storage] Archival
					per/TB	\$5.40	[Storage] Dataset Publication
							Service Group F - Facilitation
					Hourly	\$98	General Consulting
					Hourly	\$98	CUI Consulting
48.	Mesoscale Materials Characterization	ME	4/2/14				<u>Educational Institutions</u>
					Hour	\$35	SEM
					Hour	\$45	SEM + EBSD
							<u>Industrial</u>
					Hour	\$42	SEM
					Hour	\$62	SEM + EBSD
49.	Carbon Fiber Research Center	MSE	7/1/20		Hour	\$203	Professor PS time
					Hour	\$67	Senior Res. Scientist
					Hour	\$45	GRA Time
					Day	\$560	Single Filament Spinning Equipment
					Day	\$560	Multifilament Spinning Equipment
					Week	\$2,800	Multifilament Stabilization & Carbonization
					Hour	\$70	Solution Preparation Equipment
					Days	\$560	Microcompounder/ Injection molding
					Hour	\$70	Characterization Instruments
					Day	\$560	Batch Furnance Equipment
50.	Machine Shop	AE	5/12/14				<u>Educational Institutions</u>
					Hour	\$55	Personal Services
					Hour	\$0	Machine Services
					Hour	\$55	Combined Rate
							<u>Industrial</u>
					Hour	\$65	Personal Services
					Hour	\$3	Machine Services
					Hour	\$68	Combined Rate
51.	GTMI Prototype Lab	GTMI	6/2/14				<u>GT & IPP Members</u>
					Hour	\$35	Personal Services
					Hour	\$60	GF Agie Charmilles
					Hour	\$60	Bridgeport GX CNC Milling
					Hour	\$60	Okuma Genos Lathe
					Hour	\$125	Optomec Aerosol 3D

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					Basis	Amount	
					Cubic In.	\$11	Statasys Connex 3D
					Cubic In.	\$16	Stratasys MOJO <u>Industrial</u>
					Hour	\$35	Personal Services
					Hour	\$130	GF Agie Charmilles
					Hour	\$120	Bridgeport GX CNC Milling
					Hour	\$120	Okuma Genos Lathe
					Hour	\$156	Optomec Aerosol 3D
					Cubic In.	\$11	Statasys Connex 3D
					Cubic In.	\$16	Stratasys MOJO
52.	Cellular Analysis Core	IBB	12/15/16	7/1/20			<u>GT Investigators</u>
					Hour	\$20	Personal Services
					Hour	\$20	Training Rate
					Hour	\$15	BD FACS ARIA IIIu Analyser
					Hour	\$58	BD FACS ARIA IIIu Sorter
					Hour	\$15	BD LSR II
					Hour	\$10	BD Accuri Analyzer
					Hour	\$7	AMBR Microbioreactor
					Hour	\$10	Li-COR
					Hour	\$10	Multisizer
					Hour	\$15	Amnis Imagestream
					Hour	\$54	Helios
					Hour	\$34	Hyperion
					Hour	\$7	Axion Maestro
					Hour	\$5	Beckman Coulter Meta Flex (Service
					Hour	\$10	ACEA Novocute Analyzer
					Hour	\$10	Typhoon Image
							<u>Other Academic Investigators & 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

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		
					Basis	Amount	Service
					Hour	\$18	Axion Maestro
					Hour	\$10	Beckman Coulter Meta Flex (Service
					Hour	\$20	ACEA Novocute Analyzer
					Hour	\$21	Typhoon Image
55.	Neuro Design Suite	IBB	5/11/15		Hour	\$85.00	<u>GA Tech</u> Machine Service
					Hour	\$100.00	<u>Other Academic</u> Machine Service
					Hour	\$125.00	<u>Industrial</u> Machine Service
57.	Precision Services Lab	ME	9/28/15		Hour	\$193.00	<u>Educational Institutions</u> CT Scanner
					Hour	\$171.00	Equipment Use
					Hour	\$193.00	<u>Industrial</u> CT Scanner
					Hour	\$171.00	Equipment Use
58.	Molecular Evolution	IBB	7/1/17		Hour	\$85	<u>Internal</u> Consultation Charge
					Run	\$2,813	HiSeq Rapid Run (100) PE50
					Run	\$324	HiSeq Rapid Run (100) PE50 w/o reagents
					Run	\$3,818	HiSeq Rapid Run (200 cycles) PE100
					Run	\$439	HiSeq Rapid Run (200 cycles) PE100 w/o reagents
					Run	\$5,035	HiSeq Rapid Run (300 cycles) PE150
					Run	\$579	HiSeq Rapid Run (300 cycles) PE150 w/o reagents
					Run	\$6,509	HiSeq Rapid Run (500 cycles) PE250
					Run	\$749	HiSeq Rapid Run (500 cycles) PE250 w/o reagents
					Run	\$1,647	HiSeq Rapid Run (50 cycles) SE50
					Run	\$189	HiSeq Rapid Run (50 cycles) SE50 w/o reagents
					Run	\$2,255	HiSeq Rapid Run (100 cycles) SE100
					Run	\$259	HiSeq Rapid Run (100 cycles) SE100 w/o reagents
					Run	\$2,864	HiSeq Rapid Run (150) SE150
					Run	\$329	HiSeq Rapid Run (150) SE150 w/o reagents
					Lane	\$896	HiSeq High Output Run (50) SE50
					Lane	\$825	HiSeq High Output Run (50) SE50 w/o reagents
					Lane	\$1,227	HiSeq High Output Run (100) SE100
					Lane	\$141	HiSeq High Output Run (100) SE100 w/o reagents
					Lane	\$1,557	HiSeq High output (125) SE125
					Lane	\$232	HiSeq High output (125) SE125 w/o reagents
					Lane	\$1,527	HiSeq High Output Run (100) PE50
					Lane	\$176	HiSeq High Output Run (100) PE50 w/o reagents
					Lane	\$2,188	HiSeq High Output Run (200) PE100
					Lane	\$252	HiSeq High Output Run (200) PE100 w/o reagents
					Lane	\$2,275	HiSeq High Output Run (250) PE125
					Lane	\$262	HiSeq High Output Run (250) PE125 w/o reagents
					Sample	\$5	Qubit
					Sample	\$65	Library preparation (Nextera XT)
					Sample	\$30	W/o reagents
					Sample	\$103	Library preparation (Nextera DNA)
					Sample	\$30	W/o reagents
					Sample	\$100	Library preparation (TruSeq RNA)
					Sample	\$42	W/o reagents
					Sample	\$65	Library preparation (TruSeq DNA - with sheared DNA)
					Sample	\$30	W/o reagents
					Sample	\$148	Library preparation (Nextera Exome)

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Service/Recharge Center Rate Studies
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No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		
					Basis	Amount	Service
					Sample	\$46	W/o reagents
					Sample	\$55	Library preparation (NEB DNA Ultra II)
					Sample	\$30	W/o reagents
					Sample	\$75	Library preparation (NEB RNA Ultra II)
					Sample	\$36	W/o reagents
					Run	\$490	cBOT separation
					Run	\$40	W/o reagents
					Sample	\$5	Sanger Sequencing
					Run	\$1,448	NextSeq Mid Output Kit SE150 or PE75
					Run	\$430	NextSeq Mid Output Kit SE150 or PE75 service only
					Run	\$2,095	NextSeq Mid Output Kit PE150
					Run	\$465	NextSeq Mid Output Kit PE150 service only
					Run	\$1,813	NextSeq High Output Kit SE75 or PE35
					Run	\$450	NextSeq High Output Kit SE75 or PE35 service only
					Run	\$3,138	NextSeq High Output Kit SE150 or PE75
					Run	\$520	NextSeq High Output Kit SE150 or PE75 service only
					Run	\$4,796	NextSeq High Output Kit PE150
					Run	\$607	NextSeq High Output Kit PE150 service only
					Run	\$960	MiniSeq High Output Kit SE75 or PE35
					Run	\$170	MiniSeq High Output Kit SE75 or PE35 service only
					Run	\$1,122	MiniSeq High Output Kit SE150 or PE75
					Run	\$198	MiniSeq High Output Kit SE150 or PE75 service only
					Run	\$1,800	MiniSeq High Output Kit PE150
					Run	\$318	MiniSeq High Output Kit PE150 service only
					Run	\$660	MiniSeq Mid Output Kit PE150
					Run	\$117	MiniSeq Mid Output Kit PE150 service only
					Chip	\$33	Bioanalyzer 2100 (DNA 1000)
					Chip	\$58	Bioanalyzer 2100 (DNA HS)
					Chip	\$27	Bioanalyzer 2100 (RNA)
					Chip	\$42	Bioanalyzer 2100 w/o seq at core (DNA 1000)
					Chip	\$68	Bioanalyzer 2100 w/o seq at core (DNA HS)
					Chip	\$50	Bioanalyzer 2100 w/o seq at core (protein)
					Hour	\$10	"Andrew" pipetting robot
					Use	\$200	Set up fee for Andrew pipetting Robot
					Sample	\$3	DNA Extraction /sample
					Sample	\$3	RNA Extraction /sample
					Phage displays	\$10,000	DSFV Phage Display (1)
					Phage displays	\$20,000	DSFV Phage Display (10)
					Clone	\$100	Custom Cloning (basic)
					Clone	\$1,000	Custom Cloning (advanced)
					Reaction	\$30	Error Prone PCR
					Library	\$500	Error Prone PCR with Library Construction
					Library	\$715	Custom Region Saturated mutagenesis library
					Vial	\$30	E. coli and Yeast competent cells
					Units	\$15	Taq DNA polymerase, 1000 units
					Units	\$25	Phusion DNA polymerase, 1000 units
					Loads	\$50	DNA ladder, 100
					Set	\$500	GT XT custom adapter primers SetA
					Set	\$500	GT XT custom adapter primers SetB
					Set	\$500	GT XT custom adapter primers SetC
					Set	\$500	GT XT custom adapter primers SetD
					1/vial/yr	\$1	frozen stock sample storage -80
					Prep plus shipping	\$50	Plasmid Prep and shipment
					Sleeve	\$20	Agar plates (per 20 plates)
					Colonies	\$20	Colony Picking, 1000 colonies
					Reacton	\$5	Sanger sequencing
					Vial	\$25	Gel purification of the NGS libraries
					5/1M , 1ml	\$5	IPTG solution, 1M solution; 1mL

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					Basis	Amount	
					L	\$20	Medium for bacterial and yeast groth, 1L
					Reaction	\$3	Gibbson assembly enzyme mixture 1 reaction
					Sample	\$5	Qubit DNA measurment /sample
					Sample	\$50	NGS DNA Library preparation NEB
					Sample	\$55	NGS plasmid sequencing
					Month/User	\$399	Cell culture room usage
					Tube	\$1	Antibiotics stock solutions
					Hour	\$2	Remote desktop Genius DNA analysis software
							<u>External Academic/Industry Partners</u>
					Hour	\$85	Consultation Charge
					Run	\$2,813	HiSeq Rapid Run (100) PE50
					Run	\$324	HiSeq Rapid Run (100) PE50 w/o reagents
					Run	\$3,818	HiSeq Rapid Run (200 cycles) PE100
					Run	\$439	HiSeq Rapid Run (200 cycles) PE100 w/o reagents
					Run	\$5,035	HiSeq Rapid Run (300 cycles) PE150
					Run	\$579	HiSeq Rapid Run (300 cycles) PE150 w/o reagents
					Run	\$6,509	HiSeq Rapid Run (500 cycles) PE250
					Run	\$749	HiSeq Rapid Run (500 cycles) PE250 w/o reagents
					Run	\$1,647	HiSeq Rapid Run (50 cycles) SE50
					Run	\$189	HiSeq Rapid Run (50 cycles) SE50 w/o reagents
					Run	\$2,255	HiSeq Rapid Run (100 cycles) SE100
					Run	\$259	HiSeq Rapid Run (100 cycles) SE100 w/o reagents
					Run	\$2,864	HiSeq Rapid Run (150) SE150
					Run	\$329	HiSeq Rapid Run (150) SE150 w/o reagents
					Lane	\$896	HiSeq High Output Run (50) SE50
					Lane	\$825	HiSeq High Output Run (50) SE50 w/o reagents
					Lane	\$1,227	HiSeq High Output Run (100) SE100
					Lane	\$141	HiSeq High Output Run (100) SE100 w/o reagents
					Lane	\$1,557	HiSeq High output (125) SE125
					Lane	\$232	HiSeq High output (125) SE125 w/o reagents
					Lane	\$1,527	HiSeq High Output Run (100) PE50
					Lane	\$176	HiSeq High Output Run (100) PE50 w/o reagents
					Lane	\$2,188	HiSeq High Output Run (200) PE100
					Lane	\$252	HiSeq High Output Run (200) PE100 w/o reagents
					Lane	\$2,275	HiSeq High Output Run (250) PE125
					Lane	\$262	HiSeq High Output Run (250) PE125 w/o reagents
					Sample	\$5	Qubit
					Sample	\$65	Library preparation (Nextera XT)
					Sample	\$30	W/o reagents
					Sample	\$103	Library preparation (Nextera DNA)
					Sample	\$30	W/o reagents
					Sample	\$100	Library preparation (TruSeq RNA)
					Sample	\$42	W/o reagents
					Sample	\$65	Library preparation (TruSeq DNA - with sheared DNA)
					Sample	\$30	W/o reagents
					Sample	\$148	Library preparation (Nextera Exome)
					Sample	\$46	W/o reagents
					Sample	\$55	Library preparation (NEB DNA Ultra II)
					Sample	\$30	W/o reagents
					Sample	\$75	Library preparation (NEB RNA Ultra II)
					Sample	\$36	W/o reagents
					Run	\$490	cBOT separation
					Run	\$40	W/o reagents
					Sample	\$5	Sanger Sequencing
					Run	\$1,448	NextSeq Mid Output Kit SE150 or PE75
					Run	\$430	NextSeq Mid Output Kit SE150 or PE75 service only
					Run	\$2,095	NextSeq Mid Output Kit PE150

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		
					Basis	Amount	Service
					Run	\$465	NextSeq Mid Output Kit PE150 service only
					Run	\$1,813	NextSeq High Output Kit SE75 or PE35
					Run	\$450	NextSeq High Output Kit SE75 or PE35 service only
					Run	\$3,138	NextSeq High Output Kit SE150 or PE75
					Run	\$520	NextSeq High Output Kit SE150 or PE75 service only
					Run	\$4,796	NextSeq High Output Kit PE150
					Run	\$607	NextSeq High Output Kit PE150 service only
					Run	\$960	MiniSeq High Output Kit SE75 or PE35
					Run	\$170	MiniSeq High Output Kit SE75 or PE35 service only
					Run	\$1,122	MiniSeq High Output Kit SE150 or PE75
					Run	\$198	MiniSeq High Output Kit SE150 or PE75 service only
					Run	\$1,800	MiniSeq High Output Kit PE150
					Run	\$318	MiniSeq High Output Kit PE150 service only
					Run	\$660	MiniSeq Mid Output Kit PE150
					Run	\$117	MiniSeq Mid Output Kit PE150 service only
					Chip	\$33	Bioanalyzer 2100 (DNA 1000)
					Chip	\$58	Bioanalyzer 2100 (DNA HS)
					Chip	\$42	Bioanalyzer 2100 w/o seq at core (DNA 1000)
					Chip	\$68	Bioanalyzer 2100 w/o seq at core (DNA HS)
					Chip	\$38	Bioanalyzer 2100 w/o seq at core (RNA)
					Chip	\$50	Bioanalyzer 2100 w/o seq at core (protein)
					Hour	\$10	"Andrew" pipetting robot
					Use	\$200	Set up fee for Andrew pipetting Robot
					Sample	\$3	DNA Extraction /sample
					Sample	\$3	RNA Extraction /sample
					Reaction	\$30	Error Prone PCR
					Library	\$500	Error Prone PCR with Library Construction
					Library	\$715	Custom Region Saturated mutagenesis library
					Units	\$15	Taq DNA polymerase, 1000 units
					Loads	\$50	DNA ladder, 100
					Set	\$500	GT XT custom adapter primers SetA
					Set	\$500	GT XT custom adapter primers SetB
					Set	\$500	GT XT custom adapter primers SetC
					Set	\$500	GT XT custom adapter primers SetD
					Sleeve	\$20	Agar plates (per 20 plates)
					Colonies	\$20	Colony Picking, 1000 colonies
					Reacton	\$5	Sanger sequencing
					Vial	\$25	Gel purification of the NGS libraries
					Sample	\$5	Qubit DNA measurment /sample
					Sample	\$55	NGS DNA Library preparation NEB
					Sample	\$50	NGS plasmid sequencing
					Month/User	\$399	Cell culture room usage
					Tube	\$1	Antibiotics stock solutions
							<u>External Industry</u>
					Hour	\$86	Consultation Charge
					Run	\$3,439	HiSeq Rapid Run (100) PE50
					Run	\$949	HiSeq Rapid Run (100) PE50 w/o reagents
					Run	\$5,003	HiSeq Rapid Run (200 cycles) PE100
					Run	\$1,624	HiSeq Rapid Run (200 cycles) PE100 w/o reagents
					Run	\$6,485	HiSeq Rapid Run (300 cycles) PE150
					Run	\$2,029	HiSeq Rapid Run (300 cycles) PE150 w/o reagents
					Run	\$7,915	HiSeq Rapid Run (500 cycles) PE250
					Run	\$2,154	HiSeq Rapid Run (500 cycles) PE250 w/o reagents
					Run	\$2,407	HiSeq Rapid Run (50 cycles) SE50
					Run	\$949	HiSeq Rapid Run (50 cycles) SE50 w/o reagents
					Run	\$4,958	HiSeq Rapid Run (100 cycles) SE100
					Run	\$2,962	HiSeq Rapid Run (100 cycles) SE100 w/o reagents

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No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		
					Basis	Amount	Service
					Run	\$3,484	HiSeq Rapid Run (150) SE150
					Run	\$949	HiSeq Rapid Run (150) SE150 w/o reagents
					Lane	\$7,292	HiSeq High Output Run (50) SE50
					Lane	\$949	HiSeq High Output Run (50) SE50 w/o reagents
					Lane	\$9,634	HiSeq High Output Run (100) SE100
					Lane	\$949	HiSeq High Output Run (100) SE100 w/o reagents
					Lane	\$15,761	HiSeq High output (125) SE125
					Lane	\$4,735	HiSeq High output (125) SE125 w/o reagents
					Lane	\$11,758	HiSeq High Output Run (100) PE50
					Lane	\$949	HiSeq High Output Run (100) PE50 w/o reagents
					Lane	\$16,441	HiSeq High Output Run (200) PE100
					Lane	\$949	HiSeq High Output Run (200) PE100 w/o reagents
					Lane	\$17,054	HiSeq High Output Run (250) PE125
					Lane	\$949	HiSeq High Output Run (250) PE125 w/o reagents
					Sample	\$6	Qubit
					Sample	\$42	W/o reagents
					Sample	\$243	Library preparation (Nextera XT)
					Sample	\$188	W/o reagents
					Sample	\$179	Library preparation (Nextera DNA)
					Sample	\$88	W/o reagents
					Sample	\$121	Library preparation (TruSeq RNA)
					Sample	\$33	W/o reagents
					Sample	\$93	Library preparation (TruSeq DNA - with sheared DNA)
					Sample	\$42	W/o reagents
					Sample	\$207	Library preparation (Nextera Exome)
					Sample	\$76	W/o reagents
					Sample	\$71	Library preparation (NEB DNA Ultra II)
					Sample	\$43	W/o reagents
					Sample	\$116	Library preparation (NEB RNA Ultra II)
					Sample	\$74	W/o reagents
					Run	\$709	cBOT separation
					Run	\$251	W/o reagents
					Sample	\$55	Sanger Sequencing
					Run	\$1,549	NextSeq Mid Output Kit SE150 or PE75
					Run	\$430	NextSeq Mid Output Kit SE150 or PE75 service only
					Run	\$2,191	NextSeq Mid Output Kit PE150
					Run	\$465	NextSeq Mid Output Kit PE150 service only
					Run	\$2,209	NextSeq High Output Kit SE75 or PE35
					Run	\$450	NextSeq High Output Kit SE75 or PE35 service only
					Run	\$3,345	NextSeq High Output Kit SE150 or PE75
					Run	\$520	NextSeq High Output Kit SE150 or PE75 service only
					Run	\$4,946	NextSeq High Output Kit PE150
					Run	\$607	NextSeq High Output Kit PE150 service only
					Run	\$1,034	MiniSeq High Output Kit SE75 or PE35
					Run	\$170	MiniSeq High Output Kit SE75 or PE35 service only
					Run	\$1,404	MiniSeq High Output Kit SE150 or PE75
					Run	\$198	MiniSeq High Output Kit SE150 or PE75 service only
					Run	\$1,865	MiniSeq High Output Kit PE150
					Run	\$318	MiniSeq High Output Kit PE150 service only
					Run	\$678	MiniSeq Mid Output Kit PE150
					Run	\$117	MiniSeq Mid Output Kit PE150 service only
					Chip	\$224	Bioanalyzer 2100 (DNA 1000)
					Chip	\$253	Bioanalyzer 2100 (DNA HS)
					Chip	\$227	Bioanalyzer 2100 (RNA)
					Chip	\$224	Bioanalyzer 2100 w/o seq at core (DNA 1000)
					Chip	\$253	Bioanalyzer 2100 w/o seq at core (DNA HS)
					Chip	\$233	Bioanalyzer 2100 w/o seq at core (RNA)
					Chip	\$233	Bioanalyzer 2100 w/o seq at core (protein)

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		Service
					Basis	Amount	
					Hour	\$24	"Andrew" pipetting robot
					Use	\$438	Set up fee for Andrew pipetting Robot
					Sample	\$47	DNA Extraction /sample
					Sample	\$181	RNA Extraction /sample
					Reaction	\$75	Error Prone PCR
					Library	\$664	Error Prone PCR with Library Construction
					Library	\$1,678	Custom Region Saturated mutagenesis library
					Units	\$105	Taq DNA polymerase, 1000 units
					Loads	\$206	DNA ladder, 100
					Set	\$1,274	GT XT custom adapter primers SetA
					Set	\$1,274	GT XT custom adapter primers SetB
					Set	\$1,274	GT XT custom adapter primers SetC
					Set	\$1,274	GT XT custom adapter primers SetD
					Sleeve	\$81	Agar plates (per 20 plates)
					Colonies	\$368	Colony Picking, 1000 colonies
					Reacton	\$7	Sanger sequencing
					Vial	\$129	Gel purification of the NGS libraries
					Sample	\$6	Qubit DNA measurment /sample
					Sample	\$91	NGS DNA Library preparation NEB
					Sample	\$65	NGS plasmid sequencing
					Month/User	\$404	Cell culture room usage
					Tube	\$6	Antibiotics stock solutions
59.	Heat Lab	ME	3/1/16				<u>Internal / Educational Institutions</u>
					Hour	\$19	High Cost Equipment Usage
					Hour	\$9	Low Cost Equipment Usage
					Hour	\$23	Measurement Service
							External / Industrial:
					Hour	\$19	High Cost Equipment Usage
					Hour	\$9	Low Cost Equipment Usage
					Hour	\$23	Measurement Service
60.	Acoustics Water Tank Lab	ME	5/2/16				<u>Internal / Other Georgia Tech Departments</u>
					Hour	\$61	Underwater Acoustic Measurments
							<u>External / Other Educations Institutions</u>
					Hour	\$70	Underwater Acoustic Measurments
61.	Mechanical Properties Characterization Facility	IMaT	7/1/19				<u>External /Corporate</u>
					Hour	\$88	Underwater Acoustic Measurments
							<u>Internal / Other Georgia Tech Departments</u>
					Hour	\$60	Personal Services
					Day	\$100	Test System Base Daily
					Week	\$250	Test System Base Weekly
					Day	\$20	Ovens & Furnaces Daily
					Week	\$50	Ovens & Furnaces Weekly
					Hour	\$5	Metallography Prep Facility Hourly
							<u>External /Industry</u>
					Hour	\$70	Personal Services
					Day	\$178	Test System Base Daily
					Week	\$892	Test System Base Weekly
					Day	\$65	Ovens & Furnaces Daily
					Week	\$327	Ovens & Furnaces Weekly
					Hour	\$22	Metallography Prep Facility Hourly
62.	Center for X-Ray Diffraction Structure Analysis	Chem	9/20/16		Per Analysis	\$300	Full Service Structure Analysis
					Per Hour	\$75	Personnel Assistance
					Per Hour	\$25	Instrument Services

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		
					Basis	Amount	Service
63.	Systems Mass Spectrometry Center	IBB	11/9/16	7/1/20			<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	Sample Preparation - Metabolomics
					Per Sample	\$38	LC-MS/MS Analysis - Metabolomics
					Per Sample	\$11	Data Analysis - Metabolomics
					Per Sample	\$32	Additional Data Processing
							<u>GT Industry Partners</u>
					Per Sample	\$43	Sample Preparation - Proteomics
					Per Sample	\$155	LC-MS/MS Analysis - Proteomics
					Per Sample	\$21	Data Analysis - Proteomics
					Per Sample	\$11	Sample Preparation - Metabolomics
					Per Sample	\$54	LC-MS/MS Analysis - Metabolomics
					Per Sample	\$15	Data Analysis - Metabolomics
					Per Sample	\$43	Additional Data Processing
							<u>Industry</u>
					Per Sample	\$104	Sample Preparation - Proteomics
					Per Sample	\$155	LC-MS/MS Analysis - Proteomics
					Per Sample	\$45	Data Analysis - Proteomics
					Per Sample	\$53	Sample Preparation - Metabolomics
					Per Sample	\$59	LC-MS/MS Analysis - Metabolomics
					Per Sample	\$18	Data Analysis - Metabolomics
					Per Sample	\$101	Additional Data Processing
65.	GVU Prototyping Lab	SoIC	7/1/18				<u>Internal/Federal</u>
					Cubic Inch	\$14	Dimesnison ABS Printer
					Cubic Inch	\$16	3D Systems Project (SD)
					Cubic Inch	\$17	3D Systems Project (HD)
							<u>External (Industry)</u>
					Cubic Inch	\$33	Dimesnison ABS Printer
					Cubic Inch	\$44	3D Systems Project (SD)
					Cubic Inch	\$47	3D Systems Project (HD)
66.	Biomolecular Characterization and Analysis	IBB/EBB	7/1/17				<u>Internal</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

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		
					Basis	Amount	Service
					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	\$7.50	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	\$7.50	Amersham RGB 600 Imager
					Hour	\$7.50	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	\$7.50	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

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No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		
					Basis	Amount	Service
					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
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	7/1/17				<u>Internal Trained Users</u>
					Hour	\$5.00	TA Q200
					Hour	\$5.00	Perkin Elmer Pyris 1
					Hour	\$5.00	Malvern Viscotek (THF)
					Hour	\$7.00	Tosoh GPC
					Hour	\$5.00	Tosoh GPC (tri-chlorobenzene)
					Hour	\$5.00	Wyatt DynaPro NanoStar DLS
					Hour	\$5.00	Horiba Jobin Yvon Fluorimeter FL-1005
					Hour	\$5.00	Horiba Jobin Yvon Fluorimeter FL3-21
					Hour	\$5.00	Shimadzu IR Prestige 21
					Hour	\$5.00	Cary 5000
					Hour	\$6.00	Aligent 7890a & 5975C
					Hour	\$8.00	Agilent 6120BMS, 1260 LC
					Hour	\$5.00	Contact Angle Goniometer
							<u>Internal Sample Run & Training</u>
					Hour	\$29.30	TA Q200
					Hour	\$40.00	Perkin Elmer Pyris 1
					Hour	\$40.00	Malvern Viscotek (THF)
					Hour	\$50.00	Tosoh GPC
					Hour	\$40.00	Tosoh GPC (tri-chlorobenzene)

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No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		
					Basis	Amount	Service
					Hour	\$40.00	Wyatt DynaPro NanoStar DLS
					Hour	\$35.97	Horiba Jobin Yvon Fluorimeter FL-1005
					Hour	\$35.44	Horiba Jobin Yvon Fluorimeter FL3-21
					Hour	\$35.62	Shimadzu IR Prestige 21
					Hour	\$32.82	Cary 5000
					Hour	\$50.00	Aligent 7890a & 5975C
					Hour	\$60.00	Agilent 6120BMS, 1260 LC
					Hour	\$40.00	Contact Angle Goniometer
							<u>External Users</u>
					Hour	\$29.30	TA Q200
					Hour	\$56.84	Perkin Elmer Pyris 1
					Hour	\$58.53	Malvern Viscotek (THF)
					Hour	\$61.24	Tosoh GPC
					Hour	\$89.48	Tosoh GPC (tri-chlorobenzene)
					Hour	\$106.92	Wyatt DynaPro NanoStar DLS
					Hour	\$35.97	Horiba Jobin Yvon Fluorimeter FL-1005
					Hour	\$35.44	Horiba Jobin Yvon Fluorimeter FL3-21
					Hour	\$35.62	Shimadzu IR Prestige 21
					Hour	\$32.82	Cary 5000
					Hour	\$79.91	Aligent 7890a & 5975C
					Hour	\$127.62	Agilent 6120BMS, 1260 LC
					Hour	\$94.90	Contact Angle Goniometer
69.	Bioimaging and Biomechanical Properties Testing	IBB	7/1/17				<u>GEORGIA TECH INTERNAL USERS</u>
					Hour	\$50.80	CT Personal Services, per hour
					Unit	\$3.95	Set Up Charge
					Per Slice	\$0.05	Medium Resolution, per slice
					Per Slice	\$0.14	High Resolution, per slice
					Per Slice	\$1.06	Custom Resolution, per slice
					Hour	\$25.00	Fluorescence / Bioluminescence imaging, per hour
					Hour	\$13.69	Biomechanics Machine Services, per hour
							<u>EDUCATIONAL INSTITUTES & IBB INDUSTRY PARTNERS</u>
					Hour	\$59.84	CT Personal Services, per hour
					Unit	\$4.47	Set Up Charge
					Per Slice	\$0.06	Medium Resolution, per slice
					Per Slice	\$0.16	High Resolution, per slice
					Per Slice	\$1.20	Custom Resolution, per slice
					Hour	\$48.00	Fluorescence / Bioluminescence imaging, per hour
					Hour	\$15.51	Biomechanics Machine Services, per hour
							<u>INDUSTRY</u>
					Hour	\$69.89	CT Personal Services, per hour
					Unit	\$5.24	Set Up Charge
					Per Slice	\$0.07	Medium Resolution, per slice
					Per Slice	\$0.19	High Resolution, per slice
					Per Slice	\$1.42	Custom Resolution, per slice
					Hour	\$97.43	Fluorescence / Bioluminescence imaging, per hour
					Hour	\$18.20	Biomechanics Machine Services, per hour
70.	Electrical Testing of Materials and Devices	MSE	7/1/17				<u>Internal</u>
					Sample	\$250	Initial Test Sample
					Use	\$250	Standard Setup
					Sample	\$100	Repeat of Initial Test Sample
					Cost	Cost	Non Standard Setup (Material)
					Hour	\$148	Director Consulting
					Hour	\$50	GRA Consulting

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No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		
					Basis	Amount	Service
							<u>External (Industry)</u>
					Sample	\$255	Initial Test Sample
					Use	\$257	Standard Setup
					Sample	\$160	Repeat of Initial Test Sample
					Cost	Cost	Non Standard Setup (Material)
					Hour	\$148	Director Consulting
					Hour	\$64	GRA Consulting
71.	Tribology & Surface Engineering Lab	ME	7/1/18				<u>Internal/Federal</u>
					Hour	\$50	Lab Rate
							<u>External (Industry)</u>
					Hour	\$50	Lab Rate
72.	TKIS-GT Pyro Processing Lab	MSE	7/1/19				<u>Internal /Federal</u>
					Test	\$1,300	Per Test
					Hour	\$64	Instrument/Kiln Only Per Hour
					Hour	\$51	Senior Scientist
					Hour	\$184	Senior Consultant
							<u>External (TKIS Users)</u>
					Test	\$1,300	Per Test
					Hour	\$64	Instrument/Kiln Only Per Hour
					Hour	\$51	Senior Scientist
					Hour	\$184	Senior Consultant
							<u>External (Industry)</u>
					Test	\$1,300	Per Test
					Hour	\$64	Instrument/Kiln Only Per Hour
					Hour	\$51	Senior Scientist
					Hour	\$184	Senior Consultant
73.	TEP Core Lab	BME	7/1/18				<u>Internal</u>
					Per Slide	\$2	Histology
					Hour	\$16	Microscopy
					Hour	\$5	Biomolecular Analysis
					Per Cycle	\$25	Sterilization
							<u>External Academic</u>
					Per Slide	\$2	Histology
					Hour	\$22	Microscopy
					Hour	\$7	Biomolecular Analysis
					Per Cycle	\$25	Sterilization
							<u>External</u>
					Per Slide	\$100	Histology
					Hour	\$158	Microscopy
					Hour	\$100	Biomolecular Analysis
					Per Cycle	\$32	Sterilization

No.	Name of Rate Study	Department	Rate Study Date	Rate Update Date	Rates		
					Basis	Amount	Service
76.	DataWorks	COC	7/1/20			<u>Internal</u>	
				Hour	\$32	Personal Service Time	
						<u>Other Educational Institution and Non-Profits</u>	
				Hour	\$32	Personal Service Time	
						<u>External - Industry (For Profit)</u>	
				Hour	\$41	Personal Service Time	
77.	IRIM - CAREN	IRIM	1/1/21			<u>Internal (Ga Tech) and Federal Users</u>	
				Hour	\$45	Personal Service Time	
				Hour	\$25	Instrument Services	
						<u>Other Educational Institutins</u>	
				Hour	\$45	Personal Service Time	
				Hour	\$187	Instrument Services	
						<u>External - Industry (For Profit)</u>	
				Hour	\$45	Personal Service Time	
				Hour	\$187	Instrument Services	
				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.							
13.	Stable Isotope Facility	EAS	8/25/14	Hour	\$18	<u>Other Academic</u>	
						Machine Service	
					\$37	<u>Corporate</u>	
						Machine Service	
						Computational Services	