

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
11/15/2019

No.	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates		Service
					Basis	Amount	
1.	Center for Nanostructure Characterization	IMaT	10/13/14	9/19/18			<u>Educational Institutions</u> Tier Structure where total rates decline per group for each machine as usage increases
							Tier 1 (1st 0-100 Hours / Machine)
					Hour	\$132	Personal Services-Director
					Hour	\$94	Personal Services-Research Scientist
					Hour	\$31	LEO 1530
					Hour	\$34	LEO 1550
					Hour	\$20	Hitachi SU8010
					Hour	\$32	JEOL 100CX-2
					Hour	\$44	JEOL TEM 4000EX
					Hour	\$45	Hitachi HF-2000
					Hour	\$80	Tenaci F30
					Hour	\$15	Atomic Force
					Hour	\$10	Gold / Carbon
					Hour	\$10	Au-Pd
							Tier 2 (100-200 Hours / Machine)
					Hour	\$132	Personal Services-Director
					Hour	\$94	Personal Services-Research Scientist
					Hour	\$15	LEO 1530
					Hour	\$17	LEO 1550
					Hour	\$10	Hitachi SU8010
					Hour	\$16	JEOL 100CX-2
					Hour	\$22	JEOL TEM 4000EX
					Hour	\$23	Hitachi HF-2000
					Hour	\$40	Tenaci F30
					Hour	\$8	Atomic Force
					Hour	\$5	Gold / Carbon
					Hour	\$5	Au-Pd
							Tier 3 (200-300 Hours / Machine)
					Hour	\$132	Personal Services-Director
					Hour	\$94	Personal Services-Research Scientist
					Hour	\$8	LEO 1530
					Hour	\$8	LEO 1550
					Hour	\$5	Hitachi SU8010
					Hour	\$8	JEOL 100CX-2
					Hour	\$11	JEOL TEM 4000EX
					Hour	\$11	Hitachi HF-2000
					Hour	\$20	Tenaci F30
					Hour	\$4	Atomic Force
					Hour	\$3	Gold / Carbon
					Hour	\$3	Au-Pd

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							Tier 4 (300 - 10,000 Hours / Machine)
					Hour	\$132	Personal Services-Director
					Hour	\$94	Personal Services-Research Scientist
					Hour	\$3	LEO 1530
					Hour	\$3	LEO 1550
					Hour	\$2	Hitachi SU8010
					Hour	\$3	JEOL 100CX-2
					Hour	\$4	JEOL TEM 4000EX
					Hour	\$5	Hitachi HF-2000
					Hour	\$8	Tenaci F30
					Hour	\$2	Atomic Force
					Hour	\$1	Gold / Carbon
					Hour	\$1	Au-Pd
2.	Glass Shop	Chemistry	7/1/17	10/31/18	Hour	\$50	Personal Services & Equipment Services, Internal (GA Tech)
					Hour	\$70	Personal Services & Equipment Services, External - Academic
					Hour	\$107	Personal Services & Equipment Services, External Industry
					Cost	Cost	Supplies
3.	NEETRAC Consulting Services	ECE	6/17/14	9/10/18	Hour	\$123	Managers/Consultants
					Hour	\$94	Research Engineers
					Hour	\$69	Research Coordinators
					Hour	\$44	Research Technicians
					Hour	\$28	Graduate Research Assistants
					Hour	\$20	Undergraduate Research Assistants
4.	NEETRAC Platform Services	ECE	7/1/18	9/10/18	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

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6.	NMR Center	Chemistry	8/1/18	10/1/18	Hour	\$40	<u>Educational Institutions</u>
					Hour	\$13	Personal Services, Other
					Hour	\$7	Tier A (4)
					Hour	\$16	Premium Rate (8AM-6PM) (3)
					Hour	\$8	Non-premium time
					Hour	\$30	Tier B (5)
					Hour	\$20	Premium Rate (8AM-6PM) (3)
					Hour	\$20	Non-premium time
					Hour	\$126	Tier C (6)
					Hour	\$69	<u>External</u>
					Hour	\$69	Personal Services, Other
					Hour	\$69	Machine Service, per hour:
					Hour	\$69	Premium Rate (8AM-6PM) (3)
					Hour	\$69	Non-premium time
7.	Materials Characterization Facility	IEN	12/15/14	9/19/18	Hour	\$100	<u>Internal / External Academic</u>
					Hour	\$40	Operator/ Consultation
					Hour	\$35	Equipment Group 1
					Hour	\$35	Hitachi HT7700 TEM
					Hour	\$35	Hitachi SU8230
					Hour	\$35	Thermo K-Alpha XPS
					Hour	\$35	Zeiss Ultra60 FE-SEM
					Hour	\$45	Equipment Group 2
					Hour	\$45	FEI Nova Nanolab 200 FIB/SEM
					Hour	\$45	FEI Quanta 200 3D FIB/SEM
					Hour	\$45	IONTOF Time-of-Flight SIMS
					Hour	\$45	Kratos XPS
					Hour	\$20	Equipment Group 3
					Hour	\$20	Hysitron TriboIndenter
Hour	\$20	Raman Spectrometer					
Hour	\$20	Veeco AFM					
Hour	\$20	Veeco AFM II Dimension 3100					
Hour	\$20	Hummer 6 Gold/Palladium Sputter					

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					Basis	Amount	
							Equipment Group 4
					Hour	\$20	Panalytical XRD
					Hour	\$20	Venus25 Benchtop Plasma System
					Hour	\$20	ZONESEM Desktop Sample Cleaner
					Hour	\$20	Shel Lab Vacuum Oven
					Hour	\$20	VWR Vacuum Oven
					Hour	\$20	Cressington Carbon Coater
							<u>Industrial</u>
							Equipment Group 1
					Hour	\$100	Hitachi HT7700 TEM
					Hour	\$100	Hitachi SU8230
					Hour	\$70	Thermo K-Alpha XPS
					Hour	\$100	Zeiss Ultra60 FE-SEM
							Equipment Group 2
					Hour	\$135	FEI Nova Nanolab 200 FIB/SEM
					Hour	\$135	FEI Quanta 200 3D FIB/SEM
					Hour	\$150	IONTOF Time-of-Flight SIMS
					Hour	\$70	Kratos XPS
							Equipment Group 3
					Hour	\$50	Hysitron TribolIndenter
					Hour	\$40	Raman Spectrometer
					Hour	\$40	Veeco AFM
					Hour	\$40	Veeco AFM II Dimension 3100
					Hour	\$20	Hummer 6 Gold/Palladium Sputter
							Equipment Group 4
					Hour	\$50	Panalytical XRD
					Hour	\$20	Venus25 Benchtop Plasma System
					Hour	\$20	ZONESEM Desktop Sample Cleaner
					Hour	\$20	Shel Lab Vacuum Oven
					Hour	\$20	VWR Vacuum Oven
					Hour	\$20	Cressington Carbon Coater

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					Basis	Amount						
9.	Cleanroom Access	IEN	9/1/19	9/19/18			<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					
							<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					
							<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					
					10.	Printing and Copying Center	OIT	6/1/16	9/11/18	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										
15.	Mass Spectrometry Lab	Chemistry	5/9/16	10/30/18			<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	
17.	Physiological Research Lab (Vivarium)	IBB	8/6/10	10/16/18	Hour	\$30	Assistance & Special Labor
					Hour	\$10	Room Rental (max 5hrs/day)
					per Item	\$2	Laundry Service
					per cage	\$20	Cage Splitting
					per use	\$45	Faxitron Use
					per day	\$20	Anesthesia Machine Use
					per cycle	\$25	Gas Plasma Sterilization
					Hour	\$30	Animal Procurement (minimum 1 hr/per order)
							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	Rats-Conventional
					Cage per Day	\$1.20	Rats-Sterile Caging
					Cage per Day	\$1.20	Rodent-Special Caging
							<u>Other Species</u>
					Animal Day	\$0.80	Lizard/Geckos
					Animal Day	\$2.79	Rabbits
					Animal Day	\$2.10	Guinea Pigs
					Animal Day	\$4.59	Cats
					Cost plus	25%	<u>Supplies</u>

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					Basis	Amount	
18.	Histology Lab	IBB	6/26/14	9/21/18	Hour	\$16	<u>GT Internal</u> Personal Services
					Sample	\$3.00	Processing: Paraffin (Routine)
					Sample	\$5.00	Paraffin (Special)
					Sample	\$5.00	Resin (Epoxy)
					Sample	\$10.00	Resin (GMA)
					Sample	\$12.00	Resin (MMA)
					Sample	\$5.00	Embedding: Frozen
					Sample	\$1.00	Paraffin (Routine)
					Sample	\$8.00	Paraffin (Special)
					Sample	\$6.00	Resin (Epoxy)
					Sample	\$6.00	Resin (GMA)
					Sample	\$6.00	Resin (MMA)
					Slide	\$2.00	Sectioning: Frozen
					Slide	\$0.50	Paraffin
					Slide	\$2.00	Microtome
					Cut	\$5.00	Isomet
					Slide	\$10.00	Exakt Grinding
					Slide	\$2.00	Staining: H&E
					Slide	\$5.00	Special
					Slide	\$8.00	IHC
					Sample	\$5.00	Other Decalcification
					Slide	\$5.00	Antigen Retrieval
					Slide	\$1.00	Coverslipping
						COST	Supplies - Pass Through
					Hour	\$24.00	<u>Other Academic & Industry Partner</u> Personal Services
					Sample	\$6.00	Processing: Paraffin (Routine)
					Sample	\$6.00	Paraffin (Special)
					Sample	\$10.00	Resin (Epoxy)
					Sample	\$15.00	Resin (GMA)
					Sample	\$20.00	Resin (MMA)
					Sample	\$6.00	Embedding: Frozen
					Sample	\$3.00	Paraffin (Routine)
					Sample	\$10.00	Paraffin (Special)
					Sample	\$24.00	Resin (Epoxy)
					Sample	\$24.00	Resin (GMA)
					Sample	\$24.00	Resin (MMA)

No.	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates		Service
					Basis	Amount	
					Slide	\$4.00	Sectioning: Frozen
					Slide	\$0.75	Paraffin
					Slide	\$5.00	Microtome
					Cut	\$10.00	Isomet
					Slide	\$12.00	Exakt Grinding
							Staining:
					Slide	\$5.00	H&E
					Slide	\$20.00	Special
					Slide	\$30.00	IHC
							Other
					Sample	\$10.00	Decalcification
					Slide	\$10.00	Antigen Retrieval
					Slide	\$1.00	Coverslipping
						COST	Supplies - Pass Through
							<u>Industry</u>
					Hour	\$32.00	Personal Services
							Processing:
					Sample	\$6.00	Paraffin (Routine)
					Sample	\$10.00	Paraffin (Special)
					Sample	\$17.00	Resin (Epoxy)
					Sample	\$35.00	Resin (GMA)
					Sample	\$50.00	Resin (MMA)
							Embedding:
					Sample	\$11.00	Frozen
					Sample	\$7.00	Paraffin (Routine)
					Sample	\$23.00	Paraffin (Special)
					Sample	\$121.00	Resin (Epoxy)
					Sample	\$144	Resin (GMA)
					Sample	\$138.00	Resin (MMA)
							Sectioning:
					Slide	\$8.00	Frozen
					Slide	\$1.00	Paraffin
					Slide	\$13.00	Microtome
					Cut	\$13.00	Isomet
					Slide	\$13.00	Exakt Grinding
							Staining:
					Slide	\$32.00	H&E
					Slide	\$42.00	Special
					Slide	\$47.00	IHC
							Other
					Sample	\$19.00	Decalcification
					Slide	\$14.00	Antigen Retrieval
					Slide	\$1.00	Coverslipping
						COST	Supplies - Pass Through

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					Basis	Amount		
20.	Georgia Industrial Fellowships for Teachers	CEISMC	4/11/16	9/17/17	Participant	\$1,500	<u>On Campus Rate</u> Administrative Charge	
					Participant	\$2,250	<u>Off Campus Rate</u> Administrative Charge	
21.	Testing Services	RBI	10/1/19	8/27/18	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	11/6/15
24.	Professional Education	GTPE	6/23/16	9/11/18	Federal	Other	<u>GTPE Administrative Charge - Sponsored PE Contracts</u> Contract Value < \$5K Contract Value \$5K - < \$10K Contract Value \$10K - < \$30K Contract Value \$30K - < \$50K Contract Value \$50K - < \$100K Contract Value > \$100K	
					26.5%	27.5%		
					22.0%	23.0%		
					12.5%	13.5%		
					10.5%	11.5%		
					8.5%	9.5%		
					9.0%	10.0%		

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					Basis	Amount						
25.	Electron Beam Laboratory	IEN	6/1/18	9/19/18			<u>US Academic Institutions</u>					
					Hour	\$100	Staff Time					
					Hour	\$60	EBL Machine Time					
							<u>Foreign Academic Institutions</u>					
					Hour	\$100	Staff Time					
					Hour	\$90	EBL Machine Time					
26.	3-D Printer	COD	7/14/17	9/17/18			<u>GT Student Enrolled in COD Studio</u>					
					Cubic Inch	\$4.75	Dimension FDM Printing					
					ML	\$0.37	Form 2 - High Res Clear and White					
					ML	\$0.50	Form 2 - Rubber					
					Cubic Inch	\$5.50	Zcorp - Powder					
							<u>Internal Non COD & Federal Entities</u>					
					Cubic Inch	\$9.50	Dimension FDM Printing					
					ML	\$0.74	Form 2 - High Res Clear and White					
					ML	\$1.00	Form 2 - Rubber					
					Cubic Inch	\$6.72	Zcorp - Powder					
					27.	Telecom	OIT	7/1/18	9/10/18			<u>Internal</u>
										FTE	\$475.00	Telecom
28.	Neuro Lab	BME	11/28/15	9/10/18			<u>Internal</u>					
					Group per Semester	\$1,264.29	Lab Coordination and Communications Fee					
					Group per Semester	\$112.41	Lab Supplies and Services					
					Group per Semester	\$52.49	Lab Gas Charges					
		<u>External</u>										
		Hour	\$9.03	Instrument Services								
29.	Microanalysis Center	MSE	3/28/14	9/16/18			<u>Internal</u>					
					Hour	\$30	Personal Services					
					Hour	\$30	Instrument Services					
							<u>Industrial</u>					
		Hour	\$36	Personal Services								
		Hour	\$45	Instrument Services								

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					Basis	Amount			
30.	NMRI-MR Imaging Facility	BME	7/1/18	9/18/18			<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)		
32.	Center for Advanced Brain Imaging	CoS	3/10/16	9/7/18			<u>Internal</u>		
					Hour	\$42	Weekend / Evening		
					Hour	\$90	Consulting Services		
					Hour	\$82	Facility Use		
					Hour	\$425	Instrument Services		
							<u>External/Industry</u>		
							Hour	\$42	Weekend / Evening
							Hour	\$90	Consulting Services
		Hour	\$82	Facility Use					
			Hour	\$525	Instrument Services				
34.	Optical Microscopy	IBB	11/7/17	9/21/18			<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	2/24/16	9/17/18	Day	\$621	Main Chamber Set Up		
					Day	\$1,605	Main Chamber Usage		
					Day	\$621	Small Chamber Set Up		
					Day	\$1,605	Small Chamber Usage		

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38.	Genome Analysis	IBB	7/1/17	9/21/18			<u>GT Users</u>
					Hour	\$52	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
					per chip (8 samples)	\$16	ddPCR w/o reagents
					unit	\$0	Nucleofector
					Per Cartidge	\$200	BioRad ddSEQ
					unit	\$5	Step One PPlus 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

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							<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 Cartidge		\$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

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							<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
					unit	\$2	Nano Drop
					per chip (8 samples)	\$48	ddPCR
					per chip (8 samples)	\$28	ddPCR w/o reagents
					unit	\$7	Nucleofector
					Per Cartidge	\$258	BioRad ddSEQ
					unit	\$5	Step One PPlus 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
							<u>Internal/Federal</u>
41.	Cryo-EM Center	Biology	7/1/18	10/23/17	Hour	\$50	TEM
					Hour	\$70	Cryo-EM
							<u>External Academic</u>
					Hour	\$50	TEM
					Hour	\$70	Cryo-EM
							<u>Industrial</u>
					Hour	\$344	TEM
					Hour	\$344	Cryo-EM
							<u>Internal</u>
43.	Invention Studio Center	ME	7/1/18	10/31/17	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

No.	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates		
					Basis	Amount	Service
47.	High Performace Computing (HPC)	OIT	1/1/19	10/10/18			Internal/External
					Service A - Total Flat Rate Per Compute Server:	\$2,665	Service A - Infrastructure and Support
					Service B - Total Flat Rate Per TB of Storage:	\$80	Service B - DDN Project Storage
					Service C - Total Flat Rate Per Compute Server:	\$3,199	Service C - ITAR Infrastructure and Support
					Service D - Total Flat Rate Per TB of Storage:	\$187	Service D - ITAR Storage
					Service E - Total Flat Rate Per TB of Storage:	\$41	Service E - Archival Storage
					Service F - Total Flat Rate Per TB of Storage:	\$112	Service F - Dataset Publication
							Service A
					CPU Hourly Rates	\$0.0486	8 Core Node:
					CPU Hourly Rates	\$0.0324	12 Core Node:
					CPU Hourly Rates	\$0.0243	16 Core Node:
					CPU Hourly Rates	\$0.0194	20 Core Node:
					CPU Hourly Rates	\$0.0162	24 Core Node:
					CPU Hourly Rates	\$0.0139	28 Core Node:
					CPU Hourly Rates	\$0.0121	32 Core Node:
					CPU Hourly Rates	\$0.0108	36 Core Node:
					CPU Hourly Rates	\$0.0097	40 Core Node:
					CPU Hourly Rates	\$0.0069	56 Core Node:
					CPU Hourly Rates	\$0.0059	64 Core Node:
							ITAR
					CPU Hourly Rates	\$0.0583	8 Core Node:
					CPU Hourly Rates	\$0.0389	12 Core Node:
					CPU Hourly Rates	\$0.0292	16 Core Node:
					CPU Hourly Rates	\$0.0233	20 Core Node:
					CPU Hourly Rates	\$0.0194	24 Core Node:
					CPU Hourly Rates	\$0.0167	28 Core Node:
					CPU Hourly Rates	\$0.0146	32 Core Node:
					CPU Hourly Rates	\$0.0130	36 Core Node:
					CPU Hourly Rates	\$0.0117	40 Core Node:
					CPU Hourly Rates	\$0.0083	56 Core Node:
					CPU Hourly Rates	\$0.0071	64 Core Node:
							External (includes GTRI):
					Service B - Total Flat Rate Per TB of Storage:	\$83.00	Service B - DDN Project Storage

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					Basis	Amount	
48.	Mesoscale Materials Characterization	ME	4/2/14	10/31/17			<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	3/18/14	9/8/18	Hour	\$72	Personal Services
					Day	\$626	Single Filament Spinning Equipment
					Day	\$2,515	Multifilament Spinning Equipment
					Week	\$11,256	Multifilament Stabilization & Carbonization
					Hour	\$68	Solution Preparation Equipment
					Day	\$794	Extruder
					Hour	\$55	Characterization Instruments
					Hour	\$94	Xray Diffraction System
					Hour	\$626	Batch Furnance Equipment
50.	Machine Shop	AE	5/12/14	9/17/18			<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	9/17/18			<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
					Cubic In.	\$11	Statusys 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	Statusys Connex 3D					
Cubic In.	\$16	Stratasys MOJO					

No.	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates		
					Basis	Amount	Service
52.	Cellular Analysis Core	IBB	12/15/16	9/21/18			
					Hour	\$18	<u>GT Investigators</u> Personal Services
					Hour	\$10	BD FACS ARIA IIIu Analyser
					Hour	\$54	BD FACS ARIA IIIu Sorter
					Hour	\$10	BD LSR II or BD Fortessa
					Hour	\$10	BD Accuri Analyzer
					Hour	\$10	AMBR Microbioreactor
					Hour	\$10	Li-COR
					Hour	\$10	Multisizer
					Hour	\$10	Amnis Flowsight
							<u>Other Academic Investigators & Industry Partners</u>
					Hour	\$36	Personal Services
					Hour	\$18	BD FACS ARIA IIIu Analyser
					Hour	\$75	BD FACS ARIA IIIu Sorter
					Hour	\$18	BD LSR II or BD Fortessa
					Hour	\$18	BD Accuri Analyzer
					Hour	\$20	AMBR Microbioreactor
					Hour	\$15	Li-COR
					Hour	\$18	Multisizer
					Hour	\$14	Amnis Flowsight
							<u>Industry</u>
					Hour	\$46	Personal Services
					Hour	\$130	BD FACS ARIA IIIu Analyser
					Hour	\$130	BD FACS ARIA IIIu Sorter
					Hour	\$31	BD LSR II or BD Fortessa
					Hour	\$20	BD Accuri Analyzer
					Hour	\$25	AMBR Microbioreactor
					Hour	\$21	Li-COR
					Hour	\$27	Multisizer
					Hour	\$16	Amnis Flowsight

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					Basis	Amount			
54.	XRD Center	IMaT	2/23/15	9/18/18			<u>Educational Institutions</u>		
							Tier Structure where total rates decline per group for each machine as usage increases		
							Tier 1 (1st 0-150 Hours / Machine)		
					Hour	\$34.00	Personal Services		
					Hour	\$17.00	X-Ray Services		
							Tier 2 (1st 151-300 Hours / Machine)		
					Hour	\$17.00	Personal Services		
					Hour	\$8.50	X-Ray Services		
							Tier 3 (1st 301-450 Hours / Machine)		
					Hour	\$8.50	Personal Services		
					Hour	\$4.25	X-Ray Services		
							Tier 4 (1st 451+ Hours / Machine)		
Hour	\$3.40	Personal Services							
Hour	\$1.70	X-Ray Services							
		<u>Industrial</u>							
		Hour	\$53.00	Personal Services					
		Hour	\$41.00	X-Ray Services					
55.	Neuro Design Suite	IBB	5/11/15	9/21/18	Hour	\$85.00	<u>GA Tech</u>		
							Machine Service		
					Hour	\$100.00	<u>Other Academic</u>		
				Hour	\$125.00	Machine Service			
57.	Precision Services Lab	ME	9/28/15	10/13/17	Hour	\$193.00	<u>Educational Institutions</u>		
					Hour	\$171.00	CT Scanner		
							Hour	\$193.00	Equipment Use
					Hour	\$171.00	<u>Industrial</u>		
				Hour	\$193.00	CT Scanner			
				Hour	\$171.00	Equipment Use			

No.	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates		
					Basis	Amount	Service
58.	Molecular Evolution	IBB	7/1/17	9/21/18			Internal
				IBB/EBB	Hour	\$85	Consultation Charge
				IBB	Run	\$2,813	HiSeq Rapid Run (100) PE50
				IBB	Run	\$324	HiSeq Rapid Run (100) PE50 w/o reagents
				IBB	Run	\$3,818	HiSeq Rapid Run (200 cycles) PE100
				IBB	Run	\$439	HiSeq Rapid Run (200 cycles) PE100 w/o reagents
				IBB	Run	\$5,035	HiSeq Rapid Run (300 cycles) PE150
				IBB	Run	\$579	HiSeq Rapid Run (300 cycles) PE150 w/o reagents
				IBB	Run	\$6,509	HiSeq Rapid Run (500 cycles) PE250
				IBB	Run	\$749	HiSeq Rapid Run (500 cycles) PE250 w/o reagents
				IBB	Run	\$1,647	HiSeq Rapid Run (50 cycles) SE50
				IBB	Run	\$189	HiSeq Rapid Run (50 cycles) SE50 w/o reagents
				IBB	Run	\$2,255	HiSeq Rapid Run (100 cycles) SE100
				IBB	Run	\$259	HiSeq Rapid Run (100 cycles) SE100 w/o reagents
				IBB	Run	\$2,864	HiSeq Rapid Run (150) SE150
				IBB	Run	\$329	HiSeq Rapid Run (150) SE150 w/o reagents
				IBB	Lane	\$896	HiSeq High Output Run (50) SE50
				IBB	Lane	\$825	HiSeq High Output Run (50) SE50 w/o reagents
				IBB	Lane	\$1,227	HiSeq High Output Run (100) SE100
				IBB	Lane	\$141	HiSeq High Output Run (100) SE100 w/o reagents
				IBB	Lane	\$1,557	HiSeq High output (125) SE125
				IBB	Lane	\$232	HiSeq High output (125) SE125 w/o reagents
				IBB	Lane	\$1,527	HiSeq High Output Run (100) PE50
				IBB	Lane	\$176	HiSeq High Output Run (100) PE50 w/o reagents
				IBB	Lane	\$2,188	HiSeq High Output Run (200) PE100
				IBB	Lane	\$252	HiSeq High Output Run (200) PE100 w/o reagents
				IBB	Lane	\$2,275	HiSeq High Output Run (250) PE125
				IBB	Lane	\$262	HiSeq High Output Run (250) PE125 w/o reagents
				IBB	Sample	\$5	Qubit
				IBB	Sample	\$65	Library preparation (Nextera XT)
				IBB	Sample	\$30	W/o reagents
				IBB	Sample	\$103	Library preparation (Nextera DNA)
				IBB	Sample	\$30	W/o reagents
				IBB	Sample	\$100	Library preparation (TruSeq RNA)
				IBB	Sample	\$42	W/o reagents
				IBB	Sample	\$65	Library preparation (TruSeq DNA - with sheared DNA)
				IBB	Sample	\$30	W/o reagents
				IBB	Sample	\$148	Library preparation (Nextera Exome)
				IBB	Sample	\$46	W/o reagents
				IBB	Sample	\$55	Library preparation (NEB DNA Ultra II)
				IBB	Sample	\$30	W/o reagents
				IBB	Sample	\$75	Library preparation (NEB RNA Ultra II)
				IBB	Sample	\$36	W/o reagents
				IBB	Run	\$490	cBOT separation
				IBB	Run	\$40	W/o reagents
				IBB	Sample	\$5	Sanger Sequencing
				EBB	Run	\$1,448	NextSeq Mid Output Kit SE150 or PE75
				EBB	Run	\$430	NextSeq Mid Output Kit SE150 or PE75 service only
				EBB	Run	\$2,095	NextSeq Mid Output Kit PE150
				EBB	Run	\$465	NextSeq Mid Output Kit PE150 service only
				EBB	Run	\$1,813	NextSeq High Output Kit SE75 or PE35
				EBB	Run	\$450	NextSeq High Output Kit SE75 or PE35 service only
				EBB	Run	\$3,138	NextSeq High Output Kit SE150 or PE75
				EBB	Run	\$520	NextSeq High Output Kit SE150 or PE75 service only
				EBB	Run	\$4,796	NextSeq High Output Kit PE150
				EBB	Run	\$607	NextSeq High Output Kit PE150 service only
				EBB	Run	\$960	MiniSeq High Output Kit SE75 or PE35
				EBB	Run	\$170	MiniSeq High Output Kit SE75 or PE35 service only
				EBB	Run	\$1,122	MiniSeq High Output Kit SE150 or PE75
				EBB	Run	\$198	MiniSeq High Output Kit SE150 or PE75 service only
				EBB	Run	\$1,800	MiniSeq High Output Kit PE150
				EBB	Run	\$318	MiniSeq High Output Kit PE150 service only

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					Basis	Amount	Service
				EBB	Run	\$660	MiniSeq Mid Output Kit PE150
				EBB	Run	\$117	MiniSeq Mid Output Kit PE150 service only
				EBB	Chip	\$33	Bioanalyzer 2100 (DNA 1000)
				EBB	Chip	\$58	Bioanalyzer 2100 (DNA HS)
				EBB	Chip	\$27	Bioanalyzer 2100 (RNA)
				EBB	Chip	\$42	Bioanalyzer 2100 w/o seq at core (DNA 1000)
				EBB	Chip	\$68	Bioanalyzer 2100 w/o seq at core (DNA HS)
				EBB	Chip	\$50	Bioanalyzer 2100 w/o seq at core (protein)
				EBB	Hour	\$10	"Andrew" pipetting robot
				EBB	Use	\$200	Set up fee for Andrew pipetting Robot
				EBB	Sample	\$3	DNA Extraction /sample
				EBB	Sample	\$3	RNA Extraction /sample
				EBB	Phage displays	\$10,000	DSFV Phage Display (1)
				EBB	Phage displays	\$20,000	DSFV Phage Display (10)
				EBB	Clone	\$100	Custom Cloning (basic)
				EBB	Clone	\$1,000	Custom Cloning (advanced)
				EBB	Reaction	\$30	Error Prone PCR
				EBB	Library	\$500	Error Prone PCR with Library Construction
				EBB	Library	\$715	Custom Region Saturated mutagenesis library
				EBB	Vial	\$30	E. coli and Yeast competent cells
				EBB	Units	\$15	Taq DNA polymerase, 1000 units
				EBB	Units	\$25	Phusion DNA polymerase, 1000 units
				EBB	Loads	\$50	DNA ladder, 100
				EBB	Set	\$500	GT XT custom adapter primers SetA
				EBB	Set	\$500	GT XT custom adapter primers SetB
				EBB	Set	\$500	GT XT custom adapter primers SetC
				EBB	Set	\$500	GT XT custom adapter primers SetD
				EBB	1/vial/yr	\$1	frozen stock sample storage -80
				EBB	Prep plus shipping	\$50	Plasmid Prep and shipment
				EBB	Sleeve	\$20	Agar plates (per 20 plates)
				EBB	Colonies	\$20	Colony Picking, 1000 colonies
				EBB	Reacton	\$5	Sanger sequencing
				EBB	Vial	\$25	Gel purification of the NGS libraries
				EBB	5/1M , 1ml	\$5	IPTG solution, 1M solution; 1mL
				EBB	L	\$20	Medium for bacterial and yeast groth, 1L
				EBB	Reaction	\$3	Gibson assembly enzyme mixture 1 reaction
				EBB	Sample	\$5	Qubit DNA measurment /sample
				EBB	Sample	\$50	NGS DNA Library preparation NEB
				EBB	Sample	\$55	NGS plasmid sequencing
				EBB	Month/User	\$399	Cell culture room usage
				EBB	Tube	\$1	Antibiotics stock solutions
				EBB	Hour	\$2	Remote desktop Genious DNA analysis software

No.	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates		Service
					Basis	Amount	
							External Academic/Industry Partners
				IBB/EBB	Hour	\$85	Consultation Charge
				IBB	Run	\$2,813	HiSeq Rapid Run (100) PE50
				IBB	Run	\$324	HiSeq Rapid Run (100) PE50 w/o reagents
				IBB	Run	\$3,818	HiSeq Rapid Run (200 cycles) PE100
				IBB	Run	\$439	HiSeq Rapid Run (200 cycles) PE100 w/o reagents
				IBB	Run	\$5,035	HiSeq Rapid Run (300 cycles) PE150
				IBB	Run	\$579	HiSeq Rapid Run (300 cycles) PE150 w/o reagents
				IBB	Run	\$6,509	HiSeq Rapid Run (500 cycles) PE250
				IBB	Run	\$749	HiSeq Rapid Run (500 cycles) PE250 w/o reagents
				IBB	Run	\$1,647	HiSeq Rapid Run (50 cycles) SE50
				IBB	Run	\$189	HiSeq Rapid Run (50 cycles) SE50 w/o reagents
				IBB	Run	\$2,255	HiSeq Rapid Run (100 cycles) SE100
				IBB	Run	\$259	HiSeq Rapid Run (100 cycles) SE100 w/o reagents
				IBB	Run	\$2,864	HiSeq Rapid Run (150) SE150
				IBB	Run	\$329	HiSeq Rapid Run (150) SE150 w/o reagents
				IBB	Lane	\$896	HiSeq High Output Run (50) SE50
				IBB	Lane	\$825	HiSeq High Output Run (50) SE50 w/o reagents
				IBB	Lane	\$1,227	HiSeq High Output Run (100) SE100
				IBB	Lane	\$141	HiSeq High Output Run (100) SE100 w/o reagents
				IBB	Lane	\$1,557	HiSeq High output (125) SE125
				IBB	Lane	\$232	HiSeq High output (125) SE125 w/o reagents
				IBB	Lane	\$1,527	HiSeq High Output Run (100) PE50
				IBB	Lane	\$176	HiSeq High Output Run (100) PE50 w/o reagents
				IBB	Lane	\$2,188	HiSeq High Output Run (200) PE100
				IBB	Lane	\$252	HiSeq High Output Run (200) PE100 w/o reagents
				IBB	Lane	\$2,275	HiSeq High Output Run (250) PE125
				IBB	Lane	\$262	HiSeq High Output Run (250) PE125 w/o reagents
				IBB	Sample	\$5	Qubit
				IBB	Sample	\$65	Library preparation (Nextera XT)
				IBB	Sample	\$30	W/o reagents
				IBB	Sample	\$103	Library preparation (Nextera DNA)
				IBB	Sample	\$30	W/o reagents
				IBB	Sample	\$100	Library preparation (TruSeq RNA)
				IBB	Sample	\$42	W/o reagents
				IBB	Sample	\$65	Library preparation (TruSeq DNA - with sheared DNA)
				IBB	Sample	\$30	W/o reagents
				IBB	Sample	\$148	Library preparation (Nextera Exome)
				IBB	Sample	\$46	W/o reagents
				IBB	Sample	\$55	Library preparation (NEB DNA Ultra II)
				IBB	Sample	\$30	W/o reagents
				IBB	Sample	\$75	Library preparation (NEB RNA Ultra II)
				IBB	Sample	\$36	W/o reagents
				IBB	Run	\$490	cBOT separation
				IBB	Run	\$40	W/o reagents
				IBB	Sample	\$5	Sanger Sequencing
				EBB	Run	\$1,448	NextSeq Mid Output Kit SE150 or PE75
				EBB	Run	\$430	NextSeq Mid Output Kit SE150 or PE75 service only
				EBB	Run	\$2,095	NextSeq Mid Output Kit PE150
				EBB	Run	\$465	NextSeq Mid Output Kit PE150 service only
				EBB	Run	\$1,813	NextSeq High Output Kit SE75 or PE35
				EBB	Run	\$450	NextSeq High Output Kit SE75 or PE35 service only
				EBB	Run	\$3,138	NextSeq High Output Kit SE150 or PE75
				EBB	Run	\$520	NextSeq High Output Kit SE150 or PE75 service only
				EBB	Run	\$4,796	NextSeq High Output Kit PE150
				EBB	Run	\$607	NextSeq High Output Kit PE150 service only
				EBB	Run	\$960	MiniSeq High Output Kit SE75 or PE35
				EBB	Run	\$170	MiniSeq High Output Kit SE75 or PE35 service only
				EBB	Run	\$1,122	MiniSeq High Output Kit SE150 or PE75
				EBB	Run	\$198	MiniSeq High Output Kit SE150 or PE75 service only
				EBB	Run	\$1,800	MiniSeq High Output Kit PE150
				EBB	Run	\$318	MiniSeq High Output Kit PE150 service only

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					Basis	Amount	Service
				EBB	Run	\$660	MiniSeq Mid Output Kit PE150
				EBB	Run	\$117	MiniSeq Mid Output Kit PE150 service only
				EBB	Chip	\$33	Bioanalyzer 2100 (DNA 1000)
				EBB	Chip	\$58	Bioanalyzer 2100 (DNA HS)
				EBB	Chip	\$42	Bioanalyzer 2100 w/o seq at core (DNA 1000)
				EBB	Chip	\$68	Bioanalyzer 2100 w/o seq at core (DNA HS)
				EBB	Chip	\$38	Bioanalyzer 2100 w/o seq at core (RNA)
				EBB	Chip	\$50	Bioanalyzer 2100 w/o seq at core (protein)
				EBB	Hour	\$10	"Andrew" pipetting robot
				EBB	Use	\$200	Set up fee for Andrew pipetting Robot
				EBB	Sample	\$3	DNA Extraction /sample
				EBB	Sample	\$3	RNA Extraction /sample
				EBB	Reaction	\$30	Error Prone PCR
				EBB	Library	\$500	Error Prone PCR with Library Construction
				EBB	Library	\$715	Custom Region Saturated mutagenesis library
				EBB	Units	\$15	Taq DNA polymerase, 1000 units
				EBB	Loads	\$50	DNA ladder, 100
				EBB	Set	\$500	GT XT custom adapter primers SetA
				EBB	Set	\$500	GT XT custom adapter primers SetB
				EBB	Set	\$500	GT XT custom adapter primers SetC
				EBB	Set	\$500	GT XT custom adapter primers SetD
				EBB	Sleeve	\$20	Agar plates (per 20 plates)
				EBB	Colonies	\$20	Colony Picking, 1000 colonies
				EBB	Reacton	\$5	Sanger sequencing
				EBB	Vial	\$25	Gel purification of the NGS libraries
				EBB	Sample	\$5	Qubit DNA measurement /sample
				EBB	Sample	\$55	NGS DNA Library preparation NEB
				EBB	Sample	\$50	NGS plasmid sequencing
				EBB	Month/User	\$399	Cell culture room usage
				EBB	Tube	\$1	Antibiotics stock solutions

No.	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates		Service
					Basis	Amount	
							External Industry
				IBB/EBB	Hour	\$86	Consultation Charge
				IBB	Run	\$3,439	HiSeq Rapid Run (100) PE50
				IBB	Run	\$949	HiSeq Rapid Run (100) PE50 w/o reagents
				IBB	Run	\$5,003	HiSeq Rapid Run (200 cycles) PE100
				IBB	Run	\$1,624	HiSeq Rapid Run (200 cycles) PE100 w/o reagents
				IBB	Run	\$6,485	HiSeq Rapid Run (300 cycles) PE150
				IBB	Run	\$2,029	HiSeq Rapid Run (300 cycles) PE150 w/o reagents
				IBB	Run	\$7,915	HiSeq Rapid Run (500 cycles) PE250
				IBB	Run	\$2,154	HiSeq Rapid Run (500 cycles) PE250 w/o reagents
				IBB	Run	\$2,407	HiSeq Rapid Run (50 cycles) SE50
				IBB	Run	\$949	HiSeq Rapid Run (50 cycles) SE50 w/o reagents
				IBB	Run	\$4,958	HiSeq Rapid Run (100 cycles) SE100
				IBB	Run	\$2,962	HiSeq Rapid Run (100 cycles) SE100 w/o reagents
				IBB	Run	\$3,484	HiSeq Rapid Run (150) SE150
				IBB	Run	\$949	HiSeq Rapid Run (150) SE150 w/o reagents
				IBB	Lane	\$7,292	HiSeq High Output Run (50) SE50
				IBB	Lane	\$949	HiSeq High Output Run (50) SE50 w/o reagents
				IBB	Lane	\$9,634	HiSeq High Output Run (100) SE100
				IBB	Lane	\$949	HiSeq High Output Run (100) SE100 w/o reagents
				IBB	Lane	\$15,761	HiSeq High output (125) SE125
				IBB	Lane	\$4,735	HiSeq High output (125) SE125 w/o reagents
				IBB	Lane	\$11,758	HiSeq High Output Run (100) PE50
				IBB	Lane	\$949	HiSeq High Output Run (100) PE50 w/o reagents
				IBB	Lane	\$16,441	HiSeq High Output Run (200) PE100
				IBB	Lane	\$949	HiSeq High Output Run (200) PE100 w/o reagents
				IBB	Lane	\$17,054	HiSeq High Output Run (250) PE125
				IBB	Lane	\$949	HiSeq High Output Run (250) PE125 w/o reagents
				IBB	Sample	\$6	Qubit
				IBB	Sample	\$42	W/o reagents
				IBB	Sample	\$243	Library preparation (Nextera XT)
				IBB	Sample	\$188	W/o reagents
				IBB	Sample	\$179	Library preparation (Nextera DNA)
				IBB	Sample	\$88	W/o reagents
				IBB	Sample	\$121	Library preparation (TruSeq RNA)
				IBB	Sample	\$33	W/o reagents
				IBB	Sample	\$93	Library preparation (TruSeq DNA - with sheared DNA)
				IBB	Sample	\$42	W/o reagents
				IBB	Sample	\$207	Library preparation (Nextera Exome)
				IBB	Sample	\$76	W/o reagents
				IBB	Sample	\$71	Library preparation (NEB DNA Ultra II)
				IBB	Sample	\$43	W/o reagents
				IBB	Sample	\$116	Library preparation (NEB RNA Ultra II)
				IBB	Sample	\$74	W/o reagents
				IBB	Run	\$709	cBOT separation
				IBB	Run	\$251	W/o reagents
				IBB	Sample	\$55	Sanger Sequencing
				EBB	Run	\$1,549	NextSeq Mid Output Kit SE150 or PE75
				EBB	Run	\$430	NextSeq Mid Output Kit SE150 or PE75 service only
				EBB	Run	\$2,191	NextSeq Mid Output Kit PE150
				EBB	Run	\$465	NextSeq Mid Output Kit PE150 service only
				EBB	Run	\$2,209	NextSeq High Output Kit SE75 or PE35
				EBB	Run	\$450	NextSeq High Output Kit SE75 or PE35 service only

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					Basis	Amount	Service
				EBB	Run	\$3,345	NextSeq High Output Kit SE150 or PE75
				EBB	Run	\$520	NextSeq High Output Kit SE150 or PE75 service only
				EBB	Run	\$4,946	NextSeq High Output Kit PE150
				EBB	Run	\$607	NextSeq High Output Kit PE150 service only
				EBB	Run	\$1,034	MiniSeq High Output Kit SE75 or PE35
				EBB	Run	\$170	MiniSeq High Output Kit SE75 or PE35 service only
				EBB	Run	\$1,404	MiniSeq High Output Kit SE150 or PE75
				EBB	Run	\$198	MiniSeq High Output Kit SE150 or PE75 service only
				EBB	Run	\$1,865	MiniSeq High Output Kit PE150
				EBB	Run	\$318	MiniSeq High Output Kit PE150 service only
				EBB	Run	\$678	MiniSeq Mid Output Kit PE150
				EBB	Run	\$117	MiniSeq Mid Output Kit PE150 service only
				EBB	Chip	\$224	Bioanalyzer 2100 (DNA 1000)
				EBB	Chip	\$253	Bioanalyzer 2100 (DNA HS)
				EBB	Chip	\$227	Bioanalyzer 2100 (RNA)
				EBB	Chip	\$224	Bioanalyzer 2100 w/o seq at core (DNA 1000)
				EBB	Chip	\$253	Bioanalyzer 2100 w/o seq at core (DNA HS)
				EBB	Chip	\$233	Bioanalyzer 2100 w/o seq at core (RNA)
				EBB	Chip	\$233	Bioanalyzer 2100 w/o seq at core (protein)
				EBB	Hour	\$24	"Andrew" pipetting robot
				EBB	Use	\$438	Set up fee for Andrew pipetting Robot
				EBB	Sample	\$47	DNA Extraction /sample
				EBB	Sample	\$181	RNA Extraction /sample
				EBB	Reaction	\$75	Error Prone PCR
				EBB	Library	\$664	Error Prone PCR with Library Construction
				EBB	Library	\$1,678	Custom Region Saturated mutagenesis library
				EBB	Units	\$105	Taq DNA polymerase, 1000 units
				EBB	Loads	\$206	DNA ladder, 100
				EBB	Set	\$1,274	GT XT custom adapter primers SetA
				EBB	Set	\$1,274	GT XT custom adapter primers SetB
				EBB	Set	\$1,274	GT XT custom adapter primers SetC
				EBB	Set	\$1,274	GT XT custom adapter primers SetD
				EBB	Sleeve	\$81	Agar plates (per 20 plates)
				EBB	Colonies	\$368	Colony Picking, 1000 colonies
				EBB	Reacton	\$7	Sanger sequencing
				EBB	Vial	\$129	Gel purification of the NGS libraries
				EBB	Sample	\$6	Qubit DNA measurement /sample
				EBB	Sample	\$91	NGS DNA Library preparation NEB
				EBB	Sample	\$65	NGS plasmid sequencing
				EBB	Month/User	\$404	Cell culture room usage
				EBB	Tube	\$6	Antibiotics stock solutions

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					Basis	Amount	
59.	Heat Lab	ME	3/1/16	10/31/17	Hour	\$19	<u>Internal / Educational Institutions</u> High Cost Equipment Usage
					Hour	\$9	Low Cost Equipment Usage
					Hour	\$23	Measurement Service
					Hour	\$19	External / Industrial: High Cost Equipment Usage
					Hour	\$9	Low Cost Equipment Usage
					Hour	\$23	Measurement Service
60.	Acoustics Water Tank Lab	ME	5/2/16	10/31/17	Hour	\$61	<u>Internal / Other Georgia Tech Departments</u> Underwater Acoustic Measurements
					Hour	\$70	<u>External / Other Educational Institutions</u> Underwater Acoustic Measurements
					Hour	\$88	<u>External / Corporate</u> Underwater Acoustic Measurements
61.	Mechanical Properties Characterization Facility	IMaT	7/1/19	9/24/18	Hour	\$60	<u>Internal / Other Georgia Tech Departments</u> Personal Services
					Day	\$100	Test System Base Daily
					Week	\$250	Test System Base Weekly
					Day	\$20	Ovens & Furnaces Daily
					Week	\$50	Ovens & Furnaces Weekly
					Hour	\$5	Metallography Prep Facility Hourly
					Hour	\$70	<u>External / Industry</u> 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	10/30/18	Per Analysis	\$300	Full Service Structure Analysis
					Per Hour	\$75	Personnel Assistance
					Per Hour	\$25	Instrument Services

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					Basis	Amount	
63.	Systems Mass Spectrometry Center	IBB	11/9/16	9/21/18			<u>GT & External Educational Institutes</u>
					Per Sample	\$20	Sample Preparation - Proteomics
					Per Sample	\$80	LC-MS/MS Analysis - Proteomics
					Per Sample	\$8	Data Analysis - Proteomics
					Per Sample	\$6	Sample Preparation - Metabolomics
					Per Sample	\$35	LC-MS/MS Analysis - Metabolomics
					Per Sample	\$10	Data Analysis - Metabolomics
					Per Sample	\$30	Additional Data Processing
							<u>GT Industry Partners</u>
					Per Sample	\$40	Sample Preparation - Proteomics
					Per Sample	\$155	LC-MS/MS Analysis - Proteomics
					Per Sample	\$20	Data Analysis - Proteomics
					Per Sample	\$10	Sample Preparation - Metabolomics
					Per Sample	\$50	LC-MS/MS Analysis - Metabolomics
					Per Sample	\$14	Data Analysis - Metabolomics
					Per Sample	\$40	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	9/7/18			<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)

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					Location	Basis	Amount	
66.	Biomolecular Characterization and Analysis	IBB/EBB	7/1/17	9/21/18	<u>Location</u>			<u>Internal</u>
					IBB, EBB	Hour	\$0	Personal Services (Training), per hour
					IBB	Hour	\$5	BioTek Synergy H4 Multimode Plate Reader
					IBB	Hour	\$5	QuantStudio 6 Flex rtPCR
					IBB	Hour	\$5	Applied Biosystems StepOne Plus rtPCR#2
					IBB	Hour	\$20	Arcturus XT Laser Capture Microdissection System
					IBB	Hour	\$0	AMAXA Electroporation Device
					IBB	Hour	\$5	Amersham RGB 600 Imager
					IBB	Hour	\$5	Optima XPN Ultracentrifuge
					IBB	Hour	\$2	Allegra benchtop centrifuge
					IBB	Hour	\$2	Microcentrifuge
					IBB	Hour	\$10	FAST prep 24 homogenizer
					IBB	Hour	\$5	High performance centrifuge
					IBB	Hour	\$10	GE FLA 9500
					IBB	Flask	\$5	Freeze-zone Freeze Dry System
					IBB	Hour	\$5	LI-COR imager
					EBB	Hour	\$10	AP Chirascan-Plus
					EBB	Hour	\$5	BioTek Synergy H4 (short)
					EBB	Day	\$30	BioTek Synergy H4 (long)
					EBB	Hour	\$3	GE AKTA Pure 25
					EBB	Hour	\$0	GE Ultrospec 2100 Pro
					EBB	Hour	\$15	Olis RSM1000
					EBB	Hour	\$5	Shimadzu Prominence
					EBB	Per Session	\$0	Shimadzu Prominence
					EBB	Hour	\$0	Stratagene Mx3005P
					EBB	Hour	\$10	Wyatt DynaPro NanoStar
					EBB	Hour	\$10	Malvern Viscotek SEC-MALS 20
					EBB	Hour	\$10	Malvern Zetasizer Nano Z
					EBB	Hour	\$10	Wyatt Dynapro Plate Reader
					EBB	Hour	\$5	Nano Temper Prometheus
					EBB	Hour	\$5	Ultracentrifuge
					EBB	Hour	\$5	High Speed Centrifuge Avanti
					EBB	Hour	\$5	Isothermal calorimetry
					EBB	Hour	\$10	Differential Scanning Calorimetry
					EBB	Sample	\$50	Analytical ultracentrifuge

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					Basis	Amount	
							<u>Affiliates and Industry Partners</u>
				IBB, EBB	Hour	\$45	Personal Services (Training), per hour
				IBB	Hour	\$7.50	BioTek Synergy H4 Multimode Plate Reader
				IBB	Hour	\$7	QuantStudio 6 Flex rtPCR
				IBB	Hour	\$7	Applied Biosystems StepOne Plus rtPCR#2
				IBB	Hour	\$40	Arcturus XT Laser Capture Microdissection System
				IBB	Hour	\$5	AMAXA Electroporation Device
				IBB	Hour	\$7.50	Amersham RGB 600 Imager
				IBB	Hour	\$7.50	Optima XPN Ultracentrifuge
				IBB	Hour	\$5	Allegra benchtop centrifuge
				IBB	Hour	\$5	Microcentrifuge
				IBB	Hour	\$20	FAST prep 24 homogenizer
				IBB	Hour	\$13	High performance centrifuge
				IBB	Hour	\$15	GE FLA 9500
				IBB	Flask	\$10	Freeze-zone Freeze Dry System
				IBB	Hour	\$7.50	LI-COR imager
				EBB	Hour	\$15	AP Chirascan-Plus
				EBB	Hour	\$8	BioTek Synergy H4 (short)
				EBB	Day	\$50	BioTek Synergy H4 (long)
				EBB	Hour	\$8	GE AKTA Pure 25
				EBB	Hour	\$5	GE Ultrospec 2100 Pro
				EBB	Hour	\$20	Olis RSM1000
				EBB	Hour	\$9	Shimadzu Prominence
				EBB	Per Session	\$65	Shimadzu Prominence
				EBB	Hour	\$5	Stratagene Mx3005P
				EBB	Hour	\$15	Wyatt DynaPro NanoStar
				EBB	Hour	\$15	Malvern Viscotek SEC-MALS 20
				EBB	Hour	\$15	Malvern Zetasizer Nano Z
				EBB	Hour	\$15	Wyatt Dynapro Plate Reader
				EBB	Hour	\$16	Nano Temper Prometheus
				EBB	Hour	\$8	Ultracentrifuge
				EBB	Hour	\$13	High Speed Centrifuge Avanti
				EBB	Hour	\$8	Isothermal calorimetry
				EBB	Hour	\$15	Differential Scanning Calorimetry
				EBB	Sample	\$100	Analytical ultracentrifuge

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No.	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates		
					Basis	Amount	Service
							<u>External (Industry)</u>
				IBB, EBB	Hour	\$45	Personal Services (Training), per hour
				IBB	Hour	\$11	BioTek Synergy H4 Multimode Plate Reader
				IBB	Hour	\$7	QuantStudio 6 Flex rtPCR
				IBB	Hour	\$8	Applied Biosystems StepOne Plus rtPCR#2
				IBB	Hour	\$100	Arcturus XT Laser Capture Microdissection System
				IBB	Hour	\$5	AMAXA Electroporation Device
				IBB	Hour	\$15	Amersham RGB 600 Imager
				IBB	Hour	\$15	Optima XPN Ultracentrifuge
				IBB	Hour	\$10	Allegra benchtop centrifuge
				IBB	Hour	\$10	Microcentrifuge
				IBB	Hour	\$40	FAST prep 24 homogenizer
				IBB	Hour	\$13	High performance centrifuge
				IBB	Hour	\$20	GE FLA 9500
				IBB	Flask	\$20	Freeze-zone Freeze Dry System
				IBB	Hour	\$15	LI-COR imager
				EBB	Hour	\$22	AP Chirascan-Plus
				EBB	Hour	\$11	BioTek Synergy H4 (short)
				EBB	Day	\$65	BioTek Synergy H4 (long)
				EBB	Hour	\$8	GE AKTA Pure 25
				EBB	Hour	\$10	GE Ultrospec 2100 Pro
				EBB	Hour	\$40	Olis RSM1000
				EBB	Hour	\$9	Shimadzu Prominence
				EBB	Per Session	\$130	Shimadzu Prominence
				EBB	Hour	\$20	Stratagene Mx3005P
				EBB	Hour	\$20	Wyatt DynaPro NanoStar
				EBB	Hour	\$15	Malvern Viscotek SEC-MALS 20
				EBB	Hour	\$29	Malvern Zetasizer Nano Z
				EBB	Hour	\$24	Wyatt Dynapro Plate Reader
				EBB	Hour	\$16	Nano Temper Prometheus
				EBB	Hour	\$15	Ultracentrifuge
				EBB	Hour	\$13	High Speed Centrifuge Avanti
				EBB	Hour	\$20	Isothermal calorimetry
				EBB	Hour	\$25	Differential Scanning Calorimetry
				EBB	Sample	\$261	Analytical ultracentrifuge
67.	IDEAS: MD3	IMaT	7/1/17	10/15/18			<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)

No.	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates			
					Basis	Amount	Service	
68.	STAMI Polymer and Molecular Characterization Facility	Chem	7/1/17	10/29/18			<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)	
					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	

No.	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates		Service
					Basis	Amount	
69.	Bioimaging and Biomechanical Properties Testing	IBB	7/1/17	9/21/18			<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	9/10/18			<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	

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					Basis	Amount		
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	Annual Validation Date	Rates		
					Basis	Amount	Service
74.	Laser Machining Lab	IEN	9/1/19				<u>US Academic Institutions</u>
							Machine Class 1
				Hour	\$25		X-Ray Inspection System (DAGE)
				Hour	\$25		Sub-Micron Bonder (Finetech)
				Hour	\$25		60 Watt Laser System (Hermes LS500XL CO2)
				Hour	\$25		UV Micro Machining System (Resonetics IR laser)
				Hour	\$25		Labcoter Deposition System (SCS Parylene Coater)
				Hour	\$25		Wyko NT2000 Profilometer (VEECO)
							Machine Class 2
				Hour	\$35		Aerosol Jet 200 system (Optomec)
							Machine Class 3
				Hour	\$50		Optec WS Flex Laser Micromachining Base System
							<u>Foreign Academic Institutions</u>
							Machine Class 1
				Hour	\$35		X-Ray Inspection System (DAGE)
				Hour	\$35		Sub-Micron Bonder (Finetech)
				Hour	\$35		60 Watt Laser System (Hermes LS500XL CO2)
				Hour	\$35		UV Micro Machining System (Resonetics IR laser)
				Hour	\$35		Labcoter Deposition System (SCS Parylene Coater)
				Hour	\$35		Wyko NT2000 Profilometer (VEECO)
							Machine Class 2
				Hour	\$40		Aerosol Jet 200 system (Optomec)
							Machine Class 3
				Hour	\$76		Optec WS Flex Laser Micromachining Base System
							<u>Industrial:</u>
							Machine Class 1
				Hour	\$35		X-Ray Inspection System (DAGE)
				Hour	\$35		Sub-Micron Bonder (Finetech)
				Hour	\$35		60 Watt Laser System (Hermes LS500XL CO2)
				Hour	\$35		UV Micro Machining System (Resonetics IR laser)
				Hour	\$35		Labcoter Deposition System (SCS Parylene Coater)
				Hour	\$35		Wyko NT2000 Profilometer (VEECO)
							Machine Class 2
				Hour	\$40		Aerosol Jet 200 system (Optomec)
							Machine Class 3
				Hour	\$76		Optec WS Flex Laser Micromachining Base System

No.	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates Basis	Amount	Service
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	10/2/17	Hour	\$18	<u>Other Academic</u> Machine Service
						\$37	<u>Corporate</u> Machine Service
15.	Center for the Study of Systems Biology	Biology	10/26/15	9/20/17	Computation	\$1,000	<u>CORPORATE</u> Computational Services