			Rate Study	Annual Validation	Rates		
).	Name of Rate Study	Department	Date	Date	Basis	Amount	Service
Center for Na	anostructure Characterization	IMaT	10/13/14	9/19/18			Educational Institutions
conter for the		111111	10/10/11	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			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
					nour	\$10	Tier 2 (100-200 Hours / Machine)
					Hour	\$132	Personal Services-Director
					Hour	\$132 \$94	Personal Services-Director Personal Services-Research Scientist
					Hour	\$15	Hitachi S800 SEM Microscope
					Hour	\$17	Leo 1530 SEM Microscope
					Hour	\$10	Leo 1550 SEM Microscope
					Hour	\$16	JEOL 100C TEM Microscope
					Hour	\$22	JEOL 100CX-2 TEM Microscope
					Hour	\$23	JEOL 4000EX TEM Microscope
					Hour	\$40	Atomic Force Microscope
					Hour	\$8	Hitachi HF-2000 TEM Microscope
					Hour	\$5	JEM 6400 SEM Microscope
					Hour	\$5	Au-Pd
							Tier 3 (200-300 Hours / Machine)
					Hour	\$132	Personal Services-Director
					Hour	\$94	Personal Services-Research Scientist
					Hour	\$8	Hitachi S800 SEM Microscope
					Hour	\$8	Leo 1530 SEM Microscope
					Hour	\$5	Leo 1550 SEM Microscope
					Hour	\$8	JEOL 100C TEM Microscope
					Hour	\$11	JEOL 100CX-2 TEM Microscope
					Hour	\$11	JEOL 4000EX TEM Microscope
					Hour	\$20	Atomic Force Microscope
					Hour	\$4	Hitachi HF-2000 TEM Microscope
					Hour	\$3	JEM 6400 SEM Microscope
					Hour	\$3	Au-Pd

No.	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates Basis	Amount	Service
	•	•					Tier 4 (300 - 10,000 Hours / Machine)
					Hour	\$132	Personal Services-Director
					Hour	\$94	Personal Services-Research Scientist
					Hour	\$3	Hitachi S800 SEM Microscope
					Hour	\$3	Leo 1530 SEM Microscope
					Hour	\$2	Leo 1550 SEM Microscope
					Hour	\$3	JEOL 100C TEM Microscope
					Hour	\$4	JEOL 100CX-2 TEM Microscope
					Hour	\$5	JEOL 4000EX TEM Microscope
					Hour	\$8	Atomic Force Microscope
					Hour	\$2	Hitachi HF-2000 TEM Microscope
					Hour	\$1	JEM 6400 SEM Microscope
					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
					5		

<u>No.</u>	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates Basis	Amount	Service
6. NMR Cer	ter	Chemistry	8/1/18	10/1/18			Educational Institutions
					Hour	\$40	Personal Services, Other
							Tier A (4)
					Hour	\$13	Premium Rate (8AM-6PM) (3)
					Hour	\$7	Non-premium time
							Tier B (5)
					Hour	\$16	Premium Rate (8AM-6PM) (3)
					Hour	\$8	Non-premium time
							Tier C (6)
					Hour	\$30	Premium Rate (8AM-6PM) (3)
					Hour	\$20	Non-premium time
							External
					Hour	\$126	Personal Services, Other
							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			Internal / External Academic
					Hour	\$100	Operator/ Consultation
							Equipment Group 1
					Hour	\$40	Hitachi HT7700 TEM
					Hour	\$35	Hitachi SU8230
					Hour	\$35	Thermo K-Alpha XPS
					Hour	\$35	Zeiss Ultra60 FE-SEM
							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
							Equipment Group 3
					Hour	\$20	Hysitron Tribolndenter
					Hour	\$20	Raman Spectrometer
					Hour	\$20	Veeco AFM
					Hour	\$20	Veeco AFM II Dimension 3100

Hummer 6 Gold/Palladium Sputter

\$20

Hour

Na	Name of Rate Study	Rate Study Department Date	Annual Validation Date	Rates Basis	Amount	Service
No.	Name of Kate Study	Department Date	Date	Dasis	Amount	
					¢20	Equipment Group 4
				Hour	\$20	Pananalytical 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
						Industrial
						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 Tribolndenter
				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	Pananalytical XRD
				Hour	\$20	Venus25 Benchtop Plasma System
				Hour	\$20	ZONESEM Desktop Sample Cleaner
				Hour	\$20	Shel Lab Vacuum Öven
				Hour	\$20	VWR Vacuum Oven
					\$20	Cressington Carbon Coater
					\$20	

			Rate Study	Annual Validation	Rates		
No.		Department	Date	Date	Basis	Amount	Service
8.	IEN Micro & Nano Fabrication Center (formerly CMOS)	IEN	1/7/15	9/19/18	Hour	\$100	Academic & Industrial Rates Operator / Consultation
9.	Cleanroom Access	IEN	9/15/14	9/19/18	Month Month Hour Month Month	\$200 \$0 \$20 \$550 \$0	EDUCATIONAL INSTITUTION RATES Facility Entry Fee, (Inorganic Cleanroom) Facility Entry Fee, (Organic Cleanroom) Cleanroom Supply Use Charge <u>INDUSTRIAL RATES</u> Facility Entry Fee, (Inorganic Cleanroom) Facility Entry Fee, (Organic Cleanroom)
					Hour	\$20 \$3,000	Cleanroom Supply Use Charge <u>Special Projects Usage</u> Defined Limited Access, per month
10.	Printing and Copying Center	OIT	6/1/16	9/11/18	Hour Hour Hour Copy Copy Hour Hour Hour Hour Hour Hour Hour Cost plus Copy Copy Sq. Ft. Cost plus	\$83 \$18 \$49 \$48 \$0.024 \$0.19 \$30 \$47 \$55 \$65 0% \$62 \$54 \$60 \$0.04 \$0.19 \$3.87 16%	Desktop Services PrePress Services Ryobi Services Heidelberg Windmill Services Quick Copy Services, plus paper Color Copier, plus paper Bindery Hand Labor Services Cutter Services Bourg Services Folder Services Postage Setvices Inkjet Mailer Envelope Inserter Small Bind Services Student Printing Student Printing Wide Format Printing Supplies & Third Party
15.	Mass Spectrometry Lab	Chemistry	5/9/16	10/30/18	Hour Hour Hour Hour Hour	\$12 \$12 \$12 \$12 \$12 \$117 \$41	INTERNAL (GA Tech) Personal Services Instrument Services OTHER EDUCATIONAL INSTITUTIONS RATE Personal Services Instrument Services INDUSTRIAL RATE Personal Services Instrument Services

No.	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates Basis	Amount	Service
17. Physiological Rese	ıl Research Lab (Vivarium)	IBB	8/6/10	10/16/18	Hour Hour per Item per cage per use per day per cycle Hour Cage per Day	\$30 \$10 \$2 \$20 \$45 \$20 \$25 \$30 \$0.60	Assistance & Special Labor Room Rental (max 5hrs/day) Laundry Service Cage Splitting Faxitron Use Anesthesia Machine Use Gas Plasma Sterilization Animal Procurement (minimum 1 hr/per order) ANIMAL HUSBANDRY: <u>Mice &amp; Rats</u> 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 Other Species
					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%	Supplies

o.	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates Basis	Amount	Service
	· · · · · · · · · · · · · · · · · · ·						
. Histology Lab	)	IBB	6/26/14	9/21/18			GT Internal
					Hour	\$16	Personal Services
							Processing:
					Sample	\$3.00	Parraffin (Routine)
					Sample	\$5.00	Parraffin (Special)
					Sample	\$5.00	Resin (Epoxy)
					Sample	\$10.00	Resin (GMA)
					Sample	\$12.00	Resin (MMA)
							Embedding:
					Sample	\$5.00	Frozen
					Sample	\$1.00	Parraffin (Routine)
					Sample	\$8.00	Parraffin (Special)
					Sample	\$6.00	Resin (Epoxy)
					Sample	\$6.00	Resin (GMA)
					Sample	\$6.00	Resin (MMA)
							Sectioning:
					Slide	\$2.00	Frozen
					Slide	\$0.50	Paraffin
					Slide	\$2.00	Microtome
					Cut	\$5.00	Isomet
					Slide	\$10.00	Exakt Grinding
							Staining:
					Slide	\$2.00	H&E
					Slide	\$5.00	Special
					Slide	\$8.00	IHC
							Other
					Sample	\$5.00	Decalcification
					Slide	\$5.00	Antigen Retrival
					Slide	\$1.00	Coverslipping
						COST	Supplies - Pass Through
							Other Academic & Industry Partner
					Hour	\$24.00	Personal Services
							Processing:
					Sample	\$6.00	Parraffin (Routine)
					Sample	\$6.00	Parraffin (Special)
					Sample	\$10.00	Resin (Epoxy)
					Sample	\$15.00	Resin (GMA)
					Sample	\$20.00	Resin (MMA)
					1		Embedding:
					Sample	\$6.00	Frozen
					Sample	\$3.00	Parraffin (Routine)
					Sample	\$10.00	Parraffin (Special)
					Sample	\$24.00	Resin (Epoxy)
					Sample	\$24.00	Resin (GMA)
					Sample	\$24.00	Resin (MMA)
					Bampie	φ24.00	

		Rate Study	Annual Validation	Rates		
Name of Rate Study	Department	Date	Date	Basis	Amount	Service
						Sectioning:
				Slide	\$4.00	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 Retrival
				Slide	\$1.00	Coverslipping
					COST	Supplies - Pass Through
						Industry
				Hour	\$32.00	Personal Services
						Processing:
				Sample	\$6.00	Parraffin (Routine)
				Sample	\$10.00	Parraffin (Special)
				Sample	\$17.00	Resin (Epoxy)
				Sample	\$35.00	Resin (GMA)
				Sample	\$50.00	Resin (MMA)
				1		Embedding:
				Sample	\$11.00	Frozen
				Sample	\$7.00	Parraffin (Routine)
				Sample	\$23.00	Parraffin (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
				Silde	ψ17.00	Other
				Sample	\$19.00	Decalcification
				Slide	\$14.00	Antigen Retrival
				Slide	\$1.00	Coverslipping
				Since	COST	Supplies - Pass Through
					0001	Suppres - 1 ass 1 mough

No.	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates Basis	Amount	Service
20.	Georgia Industrial Fellowships for Teachers	CEISMC	4/11/16	9/17/17			On Campus Rate
					Participant	\$1,500	Administrative Charge
							Off Campus Rate
					Participant	\$2,250	Administrative Charge
21.	Testing Services	IPST	5/22/13	8/27/18			INTERNAL, ACADEMIC, INDUSTRY MEMBERS
	C				Hour	\$97	Senior Scientist
					Hour	\$65	Analyst
					Hour	\$36	Instrument Services
							INDUSTRIAL - NON-MEMBER
					Hour	\$149	Senior Scientist
					Hour	\$99	Analyst
					Hour	\$150	Consulting Services
22.	Technical Services Organization	CoC	11/6/15	9/18/18	EFT per year	\$6,123	Computing & Networking Services
23.	Interactive Media Technology Center	IMTC	3/16/17	9/4/18			Internal Departments:
					Hour		Consulting
							Other Educational Institutions
					Hour	\$84	Consulting
							Corporate:
					Hour	\$84	Consulting
24.	Professional Education	GTPE	6/23/16	9/11/18			GTPE Administrative Charge - Sponsored PE Contracts
					Federal	Other	<u>c                                </u>
					26.5%	27.5%	Contract Value < \$5K
					22.0%	23.0%	Contract Value \$5K - < \$10K
					12.5%	13.5%	Contract Value \$10K - < \$30K
					10.5%	11.5%	Contract Value \$30K - < \$50K
					8.5%	9.5%	Contract Value \$50K - < \$100K
					9.0%	10.0%	Contract Value > \$100K

			Rate Study	Annual Validation	Rates		
No.		Department	Date	Date	Basis	Amount	Service
25.	Electron Beam Laboratory	IEN	3/21/14	9/19/18			US Academic Institutions
					Hour	\$100	Staff Time
					Hour	\$60	EBL Machine Time
						¢100	Foreign Academic Institutions
					Hour	\$100	Staff Time
					Hour	\$90	EBL Machine Time
					Hour	\$100	Industrial Staff Time
						\$100	
					Hour	\$90	EBL Machine Time
							GT Student Enrolled in COD Studio
26.	3-D Printer	COD	7/14/17	9/17/18	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
							Internal Non COD & Federal Entities
					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			Internal
					FTE	\$475.00	Telecom
							Internal
28.	Neuro Lab	BME	11/28/15	9/10/18	Group per Semster	\$1,264.29	Lab Coordination and Communications Fee
					Group per Semster	\$112.41	Lab Supplies and Services
					Group per Semster	\$52.49	Lab Gas Charges
							External
					Hour	\$9.03	Instrument Services
29.	Microanalysis Center	MSE	3/28/14	9/16/18			Internal
					Hour	\$30	Personal Services
					Hour	\$30	Instrument Services
							Industrial
					Hour	\$36	Personal Services
					Hour	\$45	Instrument Services

No.	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates Basis	Amount	Service
-	NMRI-MR Imaging Facility	BME	7/1/18	9/18/18	Dusib	Tinount	Internal
50.	NVIRI-IVIR inlaging I dointy	DIVIL	// 1/10	<i>J</i> /10/10	Hour	\$70	Personal Services - (1 hour minimum)
					Hour	\$110	Instrument Services - (1 hour minimum)
					Hour	\$110	External (Industry)
					Hour	\$72	Personal Services - (1 hour minimum)
					Hour	\$241	Instrument Services - (1 hour minimum)
					Hour	φ <b>2</b> +1	instrument betvices - (1 nour inimituali)
32.	Center for Advanced Brain Imaging	CoS	3/10/16	9/7/18			Internal
	6 6				Hour	\$42	Weekend / Evening
					Hour	\$90	Consulting Services
					Hour	\$82	Facility Use
					Hour	\$425	Instrument Services
							External/Industry
					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			Georgia Tech
					Hour	\$22	Instrument Services
					Hour	\$24	Personal Services
							Affiliates and Industry Partners
					Hour	\$30	Instrument Services
					Hour	\$32	Personal Services
							Industry
					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

No.	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates Basis	Amount	Service
38.	Genome Analysis	IBB	7/1/17	9/21/18			GT Users
					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 Cartidrge	\$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

No.	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates Basis	Amount	Service
							Affiliates and Industry Partners
					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 Cartidrge	\$250	BioRad ddSEQ
					unit	\$5	Step One PLus 96 well RT PCR S
					Per Sample	\$100	Library
					Sample	\$2,200	Chromium <sup>™</sup> 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 <sup>™</sup> Single Cell 5' Library & Library & Isolation and Prep, Single Sample
					Sample	\$1,600	Chromium <sup>™</sup> 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

No.	Name of Rate Study	St	ate udy ate	Annual Validation Date	Rates Basis	Amount	Service
NO.	Name of Kate Study	Department	alc	Date	Dasis	Allount	
					Hour	\$52	External (Industry)
					unit		Personal Services, per hours
						\$1,646 \$904	96.96 Gene Expression
					unit	\$904 \$82	96.96 Genotyping
					unit		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 Cartidrge	\$258	BioRad ddSEQ
					unit	\$5	Step One PLus 96 well RT PCR S
					Per Sample	\$412	Library
					Sample	\$2,510	Chromium <sup>™</sup> Single Cell 3' GEM, Library & Isolation and Prep Single Sample
					Sample	\$2,314	Chromium <sup>™</sup> Single Cell 3' GEM, Library & Isolation and Prep 4 Sample Sets
					Sample	\$2,281	Chromium <sup>™</sup> Single Cell 5' Library & Library & Isolation and Prep, Single Sample
					Sample	\$2,196	Chromium <sup>™</sup> 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

No.	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates Basis	Amount	Service
40.	Digital Fabrication Lab	COD	6/5/13	9/17/18	Duoio	1 mile unit	DFL Lab
	g				Hour	\$0	Personal Services
					Hour	\$0	Machine Services
					Hour	\$45	DFL Waterjet
							Internal (Georgia Tech)
					Hour	\$25	Personal Services
					Hour	\$30	Machine Services
					Hour	\$45	DFL Waterjet
							Industry
					Hour	\$25	Personal Services
					Hour	\$100	Machine Services
					Hour	\$100	DFL Waterjet
							Internal/Federal
41.	Cryo-EM Center	Biology	7/1/18	10/23/17	Hour	\$50	TEM
					Hour	\$70	Cryo-EM
							External Academic
					Hour	\$50	TEM
					Hour	\$70	Cryo-EM
							Industrial
					Hour	\$344	TEM
					Hour	\$344	Cryo-EM
							Internal
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
							External/Industry
					Cubic Inch	\$60	Objet Eden
					Cubic Inch	\$48	F170
					Cubic Inch	\$33	EOS Formiga
45.	Alternative Media Access Center	CoA	7/17/13	9/17/18	Hour	\$450	Consultation
47.	High Performace Computing (HPC)	OIT	12/11/15	10/10/18			External
					Server	\$1,699	Infrastructure and Support
					Per TB	\$169	DDN Project Storage
					CPU Hour	\$0.0715	8 Core Node
					CPU Hour	\$0.0477	12 Core Node
					CPU Hour	\$0.0358	16 Core Node
					CPU Hour	\$0.0236	24 Core Node
					CPU Hour CPU Hour	\$0.0119 \$0.0089	48 Core Node 64 Core Node
					CI O Hou	<i>w</i> 0.000 <i>y</i>	
48.	Mesoscale Materials Characterization	ME	4/2/14	10/31/17	**	фр. <b>с</b>	Educational Institutions
					Hour	\$35 \$45	SEM
					Hour	\$45	SEM + EBSD Industrial
					Hour	\$42	SEM
					Hour	\$ <del>4</del> 2 \$62	SEM EBSD
					Hour	ψ02	

No	Name of Rate Study	Domostry out	Rate Study Date	Annual Validation Date	Rates Basis	Amount	Service
No.	Ivanie of Kate Study	Department	Date	Date	Dasis	Amount	Scivice
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			Educational Institutions
					Hour	\$55	Personal Services
					Hour	\$0	Machine Services
					Hour	\$55	Combined Rate
							Industrial
					Hour	\$65	Personal Services
					Hour	\$3	Machine Services
					Hour	\$68	Combined Rate
51.	GTMI Prototype Lab	GTMI	6/2/14	9/17/18			GT & IPP Members
					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	Statasys Connex 3D
					Cubic In.	\$16	Stratasys MOJO
							Industrial
					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

No.	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates Basis	Amount	Service
52. Cellular An	alvsis Core	IBB	12/15/16	9/21/18			GT Investigators
	5				Hour	\$18	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
							Other Academic Investigators & Industry Partners
					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
							Industry
					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

54. XRD CenterIMaT2/23/159/18/18Educational Institutions Tier Structure where total rates decline per group for each machine	ie as usage
Tier Structure where total rates decline per group for each machine	ie 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	
Industrial	
Hour \$53.00 Personal Services	
Hour \$41.00 X-Ray Services	
<u>GA Tech</u>	
55.   Neuro Design Suite   IBB   5/11/15   9/21/18   Hour   \$85.00   Machine Service	
Other Academic	
Hour \$100.00 Machine Service	
Industrial	
Hour \$125.00 Machine Service	
Educational Institutions	
57.   Precision Services Lab   ME   9/28/15   10/13/17   Hour   \$193.00   CT Scanner	
Hour \$171.00 Equipment Use	
Industrial	
Hour \$193.00 CT Scanner	
Hour \$171.00 Equipment Use	

			Rate Study	Annual Validation		Rates		
	Name of Rate Study	Department	Date	Date		Basis	Amount	Service
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 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 of PE35 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 NextSeq High Output Kit SE150 or PE75 service only
					EBB	Run	\$4,796	NextSeq High Output Kit SE150 of 1275 service only NextSeq High Output Kit PE150

NI-	Mana of Doto Studie	Devertment	Rate Study	Annual Validation		Rates	A	Ormite
No.	Name of Rate Study	Department	Date	Date	EDD	Basis	Amount	Service MiniSeq High Output Kit SE75 or PE35
					EBB	Run	\$960	
					EBB	Run	\$170 \$1,122	MiniSeq High Output Kit SE75 or PE35 service only
					EBB EBB	Run Run	\$1,122 \$198	MiniSeq High Output Kit SE150 or PE75 MiniSeq High Output Kit SE150 or PE75 service only
					EBB		\$198	
					EBB	Run	\$1,800	MiniSeq High Output Kit PE150
					EBB	Run		MiniSeq High Output Kit PE150 service only
						Run	\$660 \$117	MiniSeq Mid Output Kit PE150
					EBB	Run	\$33	MiniSeq Mid Output Kit PE150 service only
					EBB	Chip	\$58 \$58	Bioanalyzer 2100 (DNA 1000)
					EBB EBB	Chip Chip	\$38 \$27	Bioanalyzer 2100 (DNA HS) Bioanalyzer 2100 (RNA)
						•	\$27 \$42	
					EBB	Chip		Bioanalyzer 2100 w/o seq at core (DNA 1000)
					EBB EBB	Chip	\$68 \$50	Bioanalyzer 2100 w/o seq at core (DNA HS)
					EBB	Chip Hour	\$50 \$10	Bioanalyzer 2100 w/o seq at core (protein) "Andrew" pipetting robot
					EBB	Use	\$200	
					EBB	Sample	\$200	Set up fee for Andrew pipetting Robot DNA Extraction /sample
						*	\$3	RNA Extraction /sample
					EBB EBB	Sample		
					EBB	Phage displays Phage displays	\$10,000 \$20,000	DSFV Phage Display (1) DSFV Phage Display (10)
					EBB	Clone	\$20,000 \$100	Custom Cloning (basic)
					EBB	Clone	\$1,000	
					EBB	Reaction	\$1,000	Custom Cloning (advanced) Error Prone PCR
					EBB		\$30 \$500	
					EBB	Library	\$300 \$715	Error Prone PCR with Library Construction
					EBB	Library Vial		Custom Region Saturated mutagenisis library E. coli and Yeast competent cells
					EBB	Units	\$30 \$15	Taq DNA polymerase, 1000 units
					EBB		\$15 \$25	Phusion DNA polymerase, 1000 units
					EBB	Units Loads	\$25 \$50	DNA ladder, 100
					EBB	Set	\$500 \$500	
					EBB	Set	\$500 \$500	GT XT custom adapter primers SetA
					EBB	Set	\$500 \$500	GT XT custom adapter primers SetB GT XT custom adapter primers SetC
					EBB	Set	\$500 \$500	
					EBB			GT XT custom adapter primers SetD
					EBB	1/vial/yr	\$1 \$50	frozen stock sample storage -80
					EBB	Prep plus shipping Sleeve	\$50 \$20	Plasmid Prep and shipment
							\$20 \$20	Agar plates (per 20 plates)
					EBB	Colonies	\$20	Colony Picking, 1000 colonies
					EBB EBB	Reacton Vial	\$5 \$25	Sanger sequencing
								Gel purification of the NGS libraries
					EBB	5/1M, 1ml	\$5 \$20	IPTG solution, 1M solution; 1mL
					EBB	L	\$20 \$2	Medium for bacterial and yeast groth, 1L
					EBB	Reaction	\$3	Gibbson assembly enzyme mixture 1 reaction
					EBB	Sample	\$5 \$50	Qubit DNA measurment /sample
					EBB	Sample	\$50 \$55	NGS DNA Library preparation NEB
					EBB	Sample	\$55 \$200	NGS plasmid sequencing
					EBB	Month/User	\$399	Cell culture room usage
					EBB	Tube	\$1 ©2	Antibiotics stock solutions
					EBB	Hour	\$2	Remote desktop Genious DNA analysis software

			Annual alidation	Rates		
Name of Rate Study		Date	Date	Basis	Amount	Service
	•					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 HiSeq Rapid Run (150) SE150 w/o reagents
			IBB	Lane	\$329 \$896	Hiseq High Output Run (50) SE50
			IBB	Lane	\$825	HiSeq High Output Run (50) SE50 HiSeq High Output Run (50) SE50 w/o reagents
			IBB	Lane	\$1,227	HiSeq High Output Run (100) SE100
			IBB	Lane	\$1,227 \$141	Hiseq High Output Run (100) SE100 HiSeq High Output Run (100) SE100 w/o reagents
			IBB	Lane	\$1,557	HiSeq High output (125) SE125
			IBB	Lane	\$232 \$1,527	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
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			Rate	Annual		_		
lo.	Name of Rate Study		Study Date	Validation Date	_	Rates Basis	Amount	Service
	Traine of Traine Brady	Deparament	Dute	Dute	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
					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 mutagenisis 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 measurment /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

_	Mana af Data Stada		Rate Study	Annual Validation	Rates	A	Garrier
э.	Name of Rate Study	Department	Date	Date	Basis	Amount	Service
					Harris	697	External Industry
				IBB/EBB	Hour	\$86	Consultation Charge
				IBB IBB	Run	\$3,439 \$949	HiSeq Rapid Run (100) PE50
				IBB	Run		HiSeq Rapid Run (100) PE50 w/o reagents
					Run	\$5,003	HiSeq Rapid Run (200 cycles) PE100
				IBB IBB	Run Run	\$1,624 \$6,485	HiSeq Rapid Run (200 cycles) PE100 w/o reagents
				IBB	Run	\$0,485 \$2,029	HiSeq Rapid Run (300 cycles) PE150
				IBB	Run	\$2,029 \$7,915	HiSeq Rapid Run (300 cycles) PE150 w/o reagents
				IBB	Run	\$2,154	HiSeq Rapid Run (500 cycles) PE250 HiSeq Rapid Run (500 cycles) PE250 w/o reagents
				IBB	Run	\$2,134 \$2,407	HiSeq Rapid Run (50 cycles) FE250 w/o reagents
				IBB	Run	\$2,407 \$949	HiSeq Rapid Run (50 cycles) SE50 HiSeq Rapid Run (50 cycles) SE50 w/o reagents
				IBB	Run	\$4,958	HiSeq Rapid Run (100 cycles) SE100
				IBB IBB	Run	\$2,962 \$3,484	HiSeq Rapid Run (100 cycles) SE100 w/o reagents
					Run		HiSeq Rapid Run (150) SE150
				IBB	Run	\$949 \$7.202	HiSeq Rapid Run (150) SE150 w/o reagents
				IBB	Lane	\$7,292	HiSeq High Output Run (50) SE50
				IBB	Lane	\$949 \$0.624	HiSeq High Output Run (50) SE50 w/o reagents
				IBB	Lane	\$9,634	HiSeq High Output Run (100) SE100
				IBB IBB	Lane	\$949 \$15,761	HiSeq High Output Run (100) SE100 w/o reagents
					Lane		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

			Rate Study	Annual Validation	Rates		
0.	Name of Rate Study		Date	Date	Basis	Amount	Service
	5	1		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 mutagenisis 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 measurment /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

			Rate	Annual			
			Study	Validation	Rates		
No.	Name of Rate Study	Department	Date	Date	Basis	Amount	Service
							Internal / Educational Institutions
59.	Heat Lab	ME	3/1/16	10/31/17	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
							Internal / Other Georgia Tech Departments
60.	Acoustics Water Tank Lab	ME	5/2/16	10/31/17	Hour	\$61	Underwater Acoustic Measurments
							External / Other Educations Institutions
					Hour	\$70	Underwater Acoustic Measurments
							External /Corporate
					Hour	\$88	Underwater Acoustic Measurments
							Internal / Other Georgia Tech Departments
61.	Mechanical Properties Characterization Facility	IMaT	6/1/16	9/24/18	Hour	\$50	Personal Services
					Day	\$35	Test System Base Daily
					Week	\$150	Test System Base Weekly
					Day	\$10	Ovens & Furnaces Daily
					Week	\$45	Ovens & Furnaces Weekly
					Hour	\$5	Metallography Prep Facility Hourly
							External /Industry
					Hour	\$80	Personal Services
					Day	\$92	Test System Base Daily
					Week	\$450	Test System Base Weekly
					Day	\$30	Ovens & Furnaces Daily
					Week	\$135	Ovens & Furnaces Weekly
					Hour	\$15	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

			Rate	Annual			
			Study	Validation	Rates		
No.	Name of Rate Study	Department	Date	Date	Basis	Amount	Service
63.	Systems Mass Spectrometry Center	IBB	11/9/16	9/21/18			GT & External Educational Institutes
					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
							GT Industry Partners
					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
							Industry
					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
							Internal/Federal
65.	GVU Prototyping Lab	SoIC	7/1/18	9/7/18	Cubic Inch	\$14	Dimesnison ABS Printer
					Cubic Inch	\$16	3D Systems Project (SD)
					Cubic Inch	\$17	3D Systems Project (HD)
							External (Industry)
					Cubic Inch	\$33	Dimesnison ABS Printer
					Cubic Inch	\$44	3D Systems Project (SD)
					Cubic Inch	\$47	3D Systems Project (HD)

			Rate	Annual				
No.	Name of Rate Study	Department	Study Date	Validation Date	_	Rates Basis	Amount	Service
	Biomolecular Characterization and Analysis	IBB/EBB	7/1/17	9/21/18	Location	Dasis	7 thiotait	Internal
00.	Biomolecular Characterization and Anarysis	IDD/LDD	// 1/ 1 /	<i>J</i> /21/10	IBB, EBB	Hour	\$0	Personal Services (Training), per hour
					IBB	Hour	\$5	BioTek Synergy H4 Multimode Plate Reader
					IBB	Hour	\$5 \$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 Promethius
					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

No.	Name of Rate Study	S	Rate Ani tudy Valid Date Da	lation	Rates Basis	Amount	Service
110.	Name of Rate Study	Department	Jate Da	ne	Dusis	7 tinount	Affiliates and Industry Partners
				IBB, EBB	Hour	\$45	Personal Services (Training), per hour
				IBB, EBB	Hour	\$7.50	BioTek Synergy H4 Multimode Plate Reader
				IBB	Hour	\$7.50	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 Promethius
				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

		_	Rate Study	Annual Validation	Rates		
No.	Name of Rate Study	Department	Date	Date	Basis	Amount	Service
				IBB, EBB	Hour	\$45	External (Industry) Personal Services (Training), per hour
				· · · · · · · · · · · · · · · · · · ·		\$45 \$11	
				IBB IBB	Hour Hour		BioTek Synergy H4 Multimode Plate Reader QuantStudio 6 Flex rtPCR
						\$7 \$8	
				IBB	Hour		Applied Biosystems StepOne Plus rtPCR#2
				IBB IBB	Hour Hour	\$100 \$5	Arcturus XT Laser Capture Microdissection System AMAXA Electroporation Device
				IBB	Hour	\$5 \$15	Amaxa Electroporation Device Amersham RGB 600 Imager
				IBB	Hour	\$15	Optima XPN Ultracentrifuge
				IBB	Hour	\$13	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 \$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 Promethius
				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	3	IMaT	7/1/17	10/15/18			Internal & Federal Users
					12 Mths	\$6,105	MATIN Annual (12mth) Support Package
					1 Month	\$733	MATIN Monthly Package
					10 Hours	\$665	Additional Support Package (10 Hrs)
							External
					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   10/29/18.   Hour   S5.00   FA (230)     Hour   S5.00   FAchia Eliner Pyris 1   Hour   S5.00   Hourestood   FA (230)     Hour   S5.00   Horika Eliner Pyris 1   Hour   S5.00   Horika Eliner Pyris 1     Hour   S5.00   Horika Eliner Pyris 1   Hour   S5.00   Horika Eliner Pyris 1     Hour   S5.00   Horika Eliner Pyris 1   Hour   S5.00   Horika Eliner Pyris 1     Hour   S5.00   Horika Johis Yoon Floorindeer   Hour   S5.00   Horika Johis Yoon Floorindeer     Hour   S5.00   Horika Johis Yoon Floorindeer   Hour   S5.00   Contact Angle Contionteer     Hour   S5.00   Horika Eline Pyris 1   Hour   S5.00   Horika Eline Pyris 1     Hour   S5.00   Horika Eline Pyris 1   Hour   S5.00   Horika Eline Pyris 1     Hour   S5.00   Horika Eline Pyris 1   Hour   Hour   Hour   Hour     S5.00   Tookin GPC (ris-chlo	Service
Iour   St.00   TA Q200     Hour   St.00   Malvern Viscotek (THF)     Hour   St.00   Malvern Viscotek (THF)     Hour   St.00   Tossh GPC     Hour   St.00   Tossh GPC     Hour   St.00   Want typarbo NanoStar DLS     Hour   St.00   Horiba Johin Yoon Florineter     Hour   St.00   Shimadra IR Prostige 21     Hour   St.00   Aglent of 120198K, 1260 LC     Hour   St.00   Aglent of 120198K, 1260 LC     Hour   St.00   Contact Angle Goniometer     Hour   St.00   Contact Angle Goniometer     Hour   St.00   Malvern Viscotek (THF)     Hour   St.00   Contact Angle Goniometer     Hour   St.00   Contact Angle Goniometer     Hour   St.00   Malvern Viscotek (THF)     Hour   St.00   Malvern Viscotek	
Hour \$3.00 Perkin Elmer Pyris 1   Hour \$7.00 Tosch GPC   Hour \$5.00 Watt Dynafro NanoStar DLS   Hour \$5.00 Horta Johin Yoon Florineter   Hour \$5.00 Horta Johin Yoon Florineter   Hour \$5.00 Shinndzu IR Prostige 21   Hour \$5.00 Shinndzu IR Prostige 21   Hour \$5.00 Aligent 7890a & 5975C   Hour \$5.00 Aligent 7890a & 5975C   Hour \$5.00 Contact Angle Goniometer   Hour \$5.00 Contact Angle Goniometer   Hour \$5.00 Contact Angle Goniometer   Hour \$4.00 Malvern Viscotel (THF)   Hour \$4.00 Malvern Viscotel (THF)   Hour \$4.00 Tosch GPC (Tri-chloroberzane)   Hour \$4.00 Tosch GPC (Tri-chloroberzane)   Hour \$5.04 Tosch GPC (Tri-chloroberzane)   Hour \$4.00 Tosch GPC (Tri-chloroberzane)   Hour \$5.04 Malvern Viscotel (THF)   Hour \$5.04 Horina Johin Yoon Florineter   Hour <	
Hour S5.00 Malvern Viscotle (THF)   Hour S5.00 Tosch GPC (Tri-chlorobenzane)   Hour S5.00 Wyatt Dyan't NanoStar DLS   Hour S5.00 Horiba Johin Yoon Florineter   Hour S5.00 Horiba Johin Yoon Florineter   Hour S5.00 Shimadzu IR Prestige 21   Hour S5.00 Algent f12008N, 1260 LC   Hour S5.00 Algent f12018N, 1260 LC   Hour S5.00 Caray 5000   Hour S5.00 Algent f12018N, 1260 LC   Hour S5.00 Caray 5000   Hour S5.00 Caray 5000   Hour S5.00 Caray 5000   Hour S6.00 Algent f12018N, 1260 LC   Hour S6.00 Pacine Hart Training   Hour S6.00 Tosch GPC   Hour S6.00 Tosch GPC (tri-chlorobenzane)   Hour S6.00 Tosch GPC   Hour S6.00 Tosch GPC (tri-chlorobenzane)   Hour S8.00 Tosch GPC   Hour S8.00 Tosch GPC (tri-chlorobenzane) <t< td=""><td></td></t<>	
Hour \$7.00 Toosh GPC (ri-chlorobenzenc) Hour \$5.00 Want DynaPo NanoSter DLS Hour \$5.00 Horba John Yvon Fluorimeter Hour \$5.00 Shinadud IR Prestige 21 Hour \$5.00 Cary 5000 Hour \$5.00 Malven Agries (HF) Hour \$5000 Toosh GPC (ri-chlorobenzenc) Hour \$3.54 HourbanoStr DLS Hour \$3.54 HourbanoStr DLS Hour \$3.54 Shinadu IR Prestige 21 Hour \$5.00 Ajgen 7800 & Ajgen 7800 & 597C Hour \$3.54 Shinadu IR Prestige 21 Hour \$5.00 Ajgen 7800 & Ajgen 7800 & Agen 6109MR, 120 LC Hour \$5.00 Ajgen 7800 & Ajgen 7800 & Agen 57C Hour \$5.00 Ajgen 7800 & Agen 7100 Prestin Hour \$5.00 Prestin Hour Prestin 1 Hour \$5.25 Hourban 10 Prestin 1 Hour \$5.25 Shinadu 1R Prestin 2 Hour \$5.25	
Hour   \$5.00   Tosh GPC (tri-chlorobenzeno)     Hour   \$5.00   Worth Dynahro ManoStar DLS     Hour   \$5.00   Horika Johin Yvon Fluorimeter     Hour   \$5.00   Aligent Prestige 21     Hour   \$5.00   Aligent 7890 & \$975C     Hour   \$5.00   Aligent 7890 & \$975C     Hour   \$5.00   Cary 5000     Hour   \$5.00   Context Angle Geninoreter     Hour   \$5.00   Context Angle Geninoreter     Hour   \$40.00   Prestige 21     Hour   \$40.00   Prestige 21     Hour   \$5.00   Context Angle Geninoreter     Hour   \$40.00   Prestige 17     Hour   \$40.00   Prestige 21     Hour   \$40.00   Tosh GPC     Hour   \$40.00   Tosh GPC     Hour   \$40.00   Wayth Phanoshara DLS     Hour   \$5.05   Cary 5000     Hour   \$5.41   Horika Johin Yvon Fluorimeter     Hour   \$5.52   Shimidau IR Prestige 21     Hour <td></td>	
Hoar \$5.00 Wyatt Dyarbo NanoStar DLS   Hoar \$5.00 Horiba Johin Yoon Fluorimeter   Hoar \$5.00 Carbo Johin Yoon Fluorimeter   Hoar \$5.00 Aligent 7890 a& 5975C   Hoar \$5.00 Aligent 7800 a& 5975C   Hoar \$5.00 Aligent 7800 a& 5975C   Hoar \$5.00 Contact Angle Goniometer   Internal Sample Run & Training The A Q200   Hoar \$5.00 Mairen Pyris I   Hoar \$5.00 Tosch GPC   Hoar \$5.00 Aligent 7800 & \$975C   Hoar \$5.02 Shimadau R Prestige 21   Hoar	
Hoar \$5.00 Horiba Johin Yoon Fluorimeter   Hour \$5.00 Shimadzu R Prestige 21   Hour \$5.00 Aligent 7890a & 5975C   Hour \$5.00 Cary 5000   Hour \$5.00 Aligent 7890a & 5975C   Hour \$5.00 Aligent 7890a & 5975C   Hour \$5.00 Cary 5000   Hour \$5.00 Agilent 6120BMS, 1260 LC   Hour \$5.00 Carket Angle Goniometer   Internal Sample Run & Training TA Q200   Hour \$40.00 Prekine Elmer Pris 1   Hour \$40.00 Toxole Citr   Hour \$40.00 Wathern Viscolek (THF)   Hour \$35.41 Horiba Jobin Yoon Fluorimeter   Hour \$35.42 Horiba Jobin Yoon Fluorimeter   Hour \$35.42 Horiba Jobin Yoon Fluorimeter   Hour \$50.00 Agilert 7890a & \$75C <td></td>	
Hour   \$5.00   Horiba Jobin Yvon Fluorimeter     Hour   \$5.00   Cary 5000     Hour   \$6.00   Aligent 7890a & 5975C     Hour   \$5.00   Contact Angle Goniometer     Internal Sample Run & Training   TA Q200     Hour   \$40.00   Perkin Elimer Pyris 1     Hour   \$40.00   Perkin Elimer Pyris 1     Hour   \$40.00   Tosoh GPC     Hour   \$40.00   Yatt Dyardr Nonsohar D15     Hour   \$35.41   Horiba Jobin Yvon Fluorimeter     Hour   \$35.43   Horiba Jobin Yvon Fluorimeter     Hour   \$50.00<	
Hour \$5.00 Shimadou IR Prestige 21   Hour \$5.00 Cary 5000   Hour \$6.00 Aligent 7800a & 5975C   Hour \$8.00 Aglent 612080AS, 1260 LC   Hour \$8.00 Aglent 612080AS, 1260 LC   Hour \$5.00 Contact Angle Goniometer   Hour \$25.00 TA (200   Hour \$40.00 Parkin Elmer Pyris 1   Hour \$40.00 Malvern Viscotek (THF)   Hour \$40.00 Waitern Viscotek (THF)   Hour \$40.00 Wyatt DynaPro NanoStar DLS   Hour \$35.44 Horiba Johin Yvon Fluorimeter   Hour \$35.62 Shimadzul R Prestige 21   Hour \$50.00 Aligent 7890a & 5975C   Hour \$50.00 Aligent 71900BKS, 1260 LC   Hour \$50.00 Aligent 7890a & 5975C   Hour \$50.00 Aligent 7890a & 5975C   Hour \$60.00 Aligent	
Hour   \$5.00   Cary 500     Hour   \$6.00   Aligent 7890a & 5975C     Hour   \$8.00   Agilent 6120BMS, 1260 LC     Hour   \$3.00   Contact Angle Goniometer     Internal Sample Run & Training   Internal Sample Run & Training     Hour   \$29.30   TA Q200     Hour   \$40.00   Perkin Elmer Pyris 1     Hour   \$40.00   Malvent Viscotek (THF)     Hour   \$40.00   Tosch GPC     Hour   \$40.00   Tosch GPC (Tri-chlorobenzenc)     Hour   \$35.57   Horiba Jobin Yvon Fluorimeter     Hour   \$35.57   Horiba Jobin Yvon Fluorimeter     Hour   \$35.52   Shimadzu R Presige 21     Hour   \$35.52   Shimadzu R Presige 21     Hour   \$35.62   Shimadzu R Presige 21     Hour   \$35.62   Shimadzu R Presige 21     Hour   \$35.62   Shimadzu R Presige 21     Hour   \$35.64   Perkin Elmer Pyris 1     Hour   \$50.00   Aligent 7890a & 5975C     Hour   \$50.00   Alig	FL3-21
Hour   \$6.00   Aligent 7890a & 5975C     Hour   \$8.00   Agilent 6120BMS, 1260 LC     Hour   \$5.00   Contact Angle Goniometer     Hour   \$29.30   TA Q200     Hour   \$40.00   Merica Illener Pyris 1     Hour   \$40.00   Perkin Ellener Pyris 1     Hour   \$40.00   Tossh GPC     Hour   \$40.00   Wayat DynaPro NanoStar DLS     Hour   \$40.00   Wyat DynaPro NanoStar DLS     Hour   \$35.57   Horiba Jobin Yvon Fluorinneter     Hour   \$35.54   Horiba Jobin Yvon Fluorinneter     Hour   \$35.50   Agilent 7890a & 5975C     Hour   \$35.00   Aligent 7890a & 5975C     Hour   \$50.00   Aligent 7890a & 5975C     Hour   \$50.00   Aligent 7890a & 5975C     Hour   \$50.00   Aligent 7890a & 5975C     Hour   \$68.40   Perkin Elmer Pyris 1     Hour   \$88.35   Malvern Viscotek (THF)     Hour   \$88.35   Malvern Viscotek (THF)     Hour   \$89.48	
Hour \$8.00 Agilent 6120BMS, 1260 LC Hour \$5.00 Contact Angle Goniometer Internal Sample Ran & Training Hour \$22.30 TA Q200 Hour \$40.00 Perkin Elmer Pyris 1 Hour \$40.00 Tosoh GPC Hour \$40.00 Wyatt DynaPro NanoStar DLS Hour \$35.44 Horiba Jobin Yvon Fluorimeter Hour \$35.52 Shimadzu IR Prestige 21 Hour \$50.00 Aligent 7890a & 5975C Hour \$22.30 TA Q200 Hour \$55.44 Perkin Elmer Pyris 1 Hour \$55.53 Malvent Yvon Fluorimeter Hour \$55.54 Perkin Elmer Pyris 1 Hour \$50.00 Aligent 7890a & 5975C Hour \$55.74 Perkin Elmer Pyris 1 Hour \$55.84 Perkin Elmer Pyris 1 Hour \$56.84 Horiba Jobin Yvon Fluorimeter 1 Hour \$56.84 Perkin Elmer Pyris 1 Hour \$56.84 Horiba Jobin Yvon Fluorimeter 1 Hour \$56.84 Perkin Elmer Pyris 1 Hour \$56.84 Horiba Jobin Yvon Fluorimeter 1	
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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 Basis	Amount	Service
69.	Bioimaging and Biomechanical Properties Testing	IBB	7/1/17	9/21/18			GEORGIA TECH INTERNAL USERS
					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
							EDUCATIONAL INSTITUTES & IBB INDUSTRY PARTNERS
					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
					Hour	\$15.51	District and States, per nour
							INDUSTRY
					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			Internal
/0.	Electrical Testing of Materials and Devices	11012	,, 1, 1, 1,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	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
					Hou	\$50	OKA Consulting
					I	<b>\$255</b>	External (Industry)
					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				Internal/Federal
/1.	moorogy & Surface Engineering Lab	IVIL	//1/10		TT	050	
					Hour	\$50	Lab Rate
							External (Industry)
					Hour	\$50	Lab Rate
					11041	950	

			Rate Study	Annual Validation	Rates		
No.	Name of Rate Study	Department	Date	Date	Basis	Amount	Service
72. TKIS-GT	Pyro Processing Lab	MSE	7/1/18				Internal /Federal
					Test	\$1,534	Per Test
					Hour	\$122	Instrument/Kiln Only Per Hour
					Hour	\$51	Senior Scientist
					Hour	\$185	Senior Consultant
							External (TKIS Users)
					Test	\$1,534	Per Test
					Hour	\$122	Instrument/Kiln Only Per Hour
					Hour	\$51	Senior Scientist
					Hour	\$185	Senior Consultant
							External (Industry)
					Test	\$1,534	Per Test
					Hour	\$122	Instrument/Kiln Only Per Hour
					Hour	\$51	Senior Scientist
					Hour	\$185	Senior Consultant
73. TEP Core	Lab	BME	7/1/18				Internal
					Per Slide	\$2	Histology
					Hour	\$16	Microscropy
					Hour	\$5	Biomolecular Analysis
					Per Cycle	\$25	Sterilization
							External Academic
					Per Slide	\$2	Histology
					Hour	\$22	Microscropy
					Hour	\$7	Biomolecular Analysis
					Per Cycle	\$25	Sterilization
							External
					Per Slide	\$100	Histology
					Hour	\$158	Microscropy
					Hour	\$100	Biomolecular Analysis
					Per Cycle	\$32	Sterilization

No.	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates Basis	Amount	Service				
Facility U	ise 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 Iso	tope Facility	EAS	8/25/14	10/2/17	Hour	\$18 \$37	Other Acadamic Machine Service <u>Corporate</u> Machine Service				
15. Center for	the Study of Systems Biology	Biology	10/26/15	9/20/17	Computation	\$1,000	CORPORATE Computational Services				