			Rate Study	Annual Validation	Rates		
No.	Name of Rate Study	Department	Date	Date	Basis	Amount	Service
1.	Center for Nanostructure Characterization	MSE	10/13/14	9/18/17			Educational Institutions 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	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
					11001	Ψυ	

			Rate Study	Annual Validation	Rates		
No.	Name of Rate Study	Department	Date	Date	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	9/19/17	Hour	\$50	Personal Services & Equipment Services, Internal (GA Tech)
	1	•			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	10/4/17	Hour	\$123	Managers/Consultants
	8				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	10/4/17	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

			Rate Study	Annual Validation	Rate		
No.	Name of Rate Study	Department	Date	Date	Basi		Service
6.	NMR Center	Chemistry	8/1/18	9/19/17			Educational Institutions
		·			Hou	r \$40	Personal Services, Other
							Tier A (4)
					Hou	r \$13	Premium Rate (8AM-6PM) (3)
					Hou	r \$7	Non-premium time
							Tier B (5)
					Hou	r \$16	Premium Rate (8AM-6PM) (3)
					Hou	r \$8	Non-premium time
							Tier C (6)
					Hou	r \$30	Premium Rate (8AM-6PM) (3)
					Hou	\$20	Non-premium time
							External
					Hou	r \$126	Personal Services, Other
							Machine Service, per hour:
					Hou	r \$69	Premium Rate (8AM-6PM) (3)
					Hou	r \$69	Non-premium time
7.	Materials Characterization Facility	IEN	12/15/14	9/18/17			Internal / External Academic
	·				Hou	r \$100	Operator/ Consultation
							Equipment Group 1
					Hou	r \$40	Hitachi HT7700 TEM
					Hou	r \$35	Hitachi SU8230
					Hou	r \$35	Thermo K-Alpha XPS
					Hou	r \$35	Zeiss Ultra60 FE-SEM
							Equipment Group 2
					Hou	r \$45	FEI Nova Nanolab 200 FIB/SEM
					Hou	r \$45	FEI Quanta 200 3D FIB/SEM
					Hou	r \$45	IONTOF Time-of-Flight SIMS
					Hou	r \$45	Kratos XPS
							Equipment Group 3
					Hou	r \$20	Hysitron Tribolndenter
					Hou	\$20	Raman Spectrometer
					Hou	r \$20	Veeco AFM
					Hou	r \$20	Veeco AFM II Dimension 3100
					Hou	r \$20	Hummer 6 Gold/Palladium Sputter

			Rate	Annual
			Study	Validation
No.	Name of Rate Study	Department	Date	Date

			Study	Validation	Rates		
No.	Name of Rate Study	Department	Date	Date	Basis	Amount	Service
							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
							<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 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 Oven
					Hour	\$20	VWR Vacuum Oven
					Hour	\$20	Cressington Carbon Coater

			Rate	Annual			
		_	Study	Validation	Rates		~ .
No.	Name of Rate Study	Department	Date	Date	Basis	Amount	Service
8.	IEN Micro & Nano Fabrication Center (formerly CMOS)	IEN	1/7/15	9/21/17			Academic & Industrial Rates
					Hour	\$100	Operator / Consultation
9.	Cleanroom Access	IEN	9/15/14	9/21/17			EDUCATIONAL INSTITUTION RATES
					Month	\$200	Facility Entry Fee, (Inorganic Cleanroom)
					Month	\$0	Facility Entry Fee, (Organic Cleanroom)
					Hour	\$20	Cleanroom Supply Use Charge <u>INDUSTRIAL RATES</u>
					Month	\$550	Facility Entry Fee, (Inorganic Cleanroom)
					Month	\$0	Facility Entry Fee, (Organic Cleanroom)
					Hour	\$20	Cleanroom Supply Use Charge
							Special Projects Usage
					Month	\$3,000	Defined Limited Access, per month
10.	Printing and Copying Center	OIT	6/1/16	9/30/17	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
					Сору	\$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	9/19/17			INTERNAL (GA Tech)
	• •	•			Hour	\$12	Personal Services
					Hour	\$12	Instrument Services
							OTHER EDUCATIONAL INSTITUTIONS RATE
					Hour	\$12	Personal Services
					Hour	\$12	Instrument Services
							INDUSTRIAL RATE
					Hour	\$117	Personal Services
					Hour	\$41	Instrument Services
						•	

No.	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates Basis	Amount	Service
17. Physiological	Research Lab (Vivarium)	IBB	8/6/10	10/23/17	Hour Hour per Item per cage per use per day per cycle Hour	\$30 \$10 \$2 \$20 \$45 \$20 \$25 \$30	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:
					Cage per Day Animal Day Animal Day Animal Day Animal Day Cost plus	\$0.60 \$0.90 \$0.90 \$1.20 \$1.20 \$0.80 \$2.79 \$2.10 \$4.59 25%	Mice & Rats Mice-Conventional Mice-Sterile Caging Rats-Conventional Rats-Sterile Caging Rodent-Special Caging Other Species Lizard/Geckos Rabbits Guinea Pigs Cats Supplies

No. Name of Rate Study Department Date Da			Rate	Annual			
18. Histology Lab 18B 6/26/14 10/10/17 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) Sample \$10.00 Parraffin (Routine) Sample \$10.00 Resin (GMA) Sample \$10.00 Resin (GMA) Sample \$10.00 Parraffin (Routine) Sample \$10.00 Parraffin (Ro	No.	Date Children				A	Comico
Hour \$16 Personal Services Processing:	No. Name of F	Rate Study Department	Date	Date	Dasis	Amount	Service
Hour \$16 Personal Services Processing:	18 Histology Lab	IRR	6/26/14	10/10/17			GT Internal
Sample \$3.00 Parraffin (Routine)	16. Thistology Lab	ШВ	0/20/14	10/10/17	Hour	\$16	
Sample \$3.00 Parraffin (Routine) Sample \$5.00 Parraffin (Special) Sample \$5.00 Resin (Epoxy) Sample \$10.00 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 (GMA) Sample \$6.00 Resin (GMA) Sample \$6.00 Resin (GMA) Sample \$6.00 Frozen					Hour	φ10	
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) Sample \$6.00 Frozen					Sample	\$3.00	
Sample \$5.00 Resin (Epoxy) Sample \$10.00 Resin (GMA) Embedding: 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					Sample		
Sample \$10.00 Resin (GMA) Embedding: 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) Sample \$6.00 Resin (MMA) Sectioning: Slide \$2.00 Frozen							
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) Sample \$6.00 Resin (MMA) Sectioning: Slide \$2.00 Frozen							
Sample \$5.00 Frozen							
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) Sample \$6.00 Frozen					Sumpre	ψ12.00	
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) Sample \$6.00 Resin (MMA) Sectioning: Slide \$2.00 Frozen					Sample	\$5.00	
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							
Sample \$6.00 Resin (Epoxy) Sample \$6.00 Resin (GMA) Sample \$6.00 Resin (MMA) Sectioning: Slide \$2.00 Frozen							
Sample \$6.00 Resin (GMA) Sample \$6.00 Resin (MMA) Sectioning: Slide \$2.00 Frozen							
Sample \$6.00 Resin (MMA) Sectioning: Slide \$2.00 Frozen							
Sectioning: Slide \$2.00 Frozen							
Slide \$2.00 Frozen					Sample	ψο.σσ	
					Slide	\$2.00	
Slide \$0.50 Paraffin					Slide	\$0.50	Paraffin
Slide \$2.00 Microtome							
Cut \$5.00 Isomet							
Slide \$10.00 Exakt Grinding							
State of the state					Silde	\$10.00	<u> </u>
Slide \$2.00 H&E					Slide	\$2.00	9
Slide \$5.00 Special							
Slide \$8.00 IHC							
Other					Silde	\$6.00	
Sample \$5.00 Decalcification					Sampla	\$5.00	
Slide \$5.00 Antigen Retrival					Slide		
Slide \$1.00 Coverslipping							
COST Supplies - Pass Through					Silde		
Other Academic & Industry Partner						CO31	
Hour \$24.00 Personal Services					Hour	\$24.00	
Processing:					Hour	\$24.00	
Sample \$6.00 Parraffin (Routine)					Sampla	\$6.00	
Sample \$6.00 Parraffin (Roddine)							
Sample \$0.00 Farrarin (Special) Sample \$10.00 Resin (Epoxy)							
Sample \$10.00 Resin (Epoxy) Sample \$15.00 Resin (GMA)							
							, ,
Sample \$20.00 Resin (MMA) Embedding:					Sample	\$20.00	
Sample \$6.00 Frozen					Campla	\$6.00	
Sample \$0.00 Prozen Sample \$3.00 Parraffin (Routine)							
Sample \$3.00 Parraffin (Routine) Sample \$10.00 Parraffin (Special)					Sample		
Sample \$24.00 Resin (GMA) Sample \$24.00 Resin (MMA)					-		
Sample 924.00 Resin (MINIA)					Sample	φ 24. 00	Resili (Ivilvira)

Rates

Rate Annual Study Validation

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)
		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
	***	Other
Sample	\$19.00	Decalcification
Slide	\$14.00	Antigen Retrival
Slide	\$1.00	Coverslipping
	COST	Supplies - Pass Through

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	11/1/16	Participant	\$1,500	On Campus Rate Administrative Charge
					Participant	\$2,250	Off Campus Rate Administrative Charge
21	Testina Camina	IPST	5/22/13	8/22/17		7-,	
21.	Testing Services	1151	3/22/13	8/22/17	Hour	\$97	INTERNAL, ACADEMIC, INDUSTRY MEMBERS Senior Scientist
					Hour	\$65	Analyst
					Hour	\$36	Instrument Services
					Hour	\$30	INDUSTRIAL - NON-MEMBER
					Hour	\$149	Senior Scientist
					Hour	\$99	Analyst
					Hour	\$150	Consulting Services
					Hour	Ψ150	Consulting Bet vices
22.	Technical Services Organization	CoC	11/6/15	9/18/17	EFT per year	\$6,123	Computing & Networking Services
23.	Interactive Media Technology Center	IMTC	3/16/17	11/1/17			Internal Departments:
					Hour		Consulting
							Other Educational Institutions
					Hour	\$84	Consulting
							Corporate:
					Hour	\$84	Consulting
24.	Professional Education	GTPE	6/23/16	9/21/17			GTPE Administrative Charge - Sponsored PE Contracts
					Federal	Other	
					26.5%	27.5%	Contract Value < \$5K
					22.0%	23.0%	Contract Value \$5K - < \$10K
					12.5%	13.5%	Contract Value \$10K - < \$30K
					10.5%	11.5%	Contract Value \$30K - < \$50K
					8.5%	9.5%	Contract Value \$50K - < \$100K
					9.0%	10.0%	Contract Value > \$100K

			Rate	Annual	ъ.		
No.	Name of Rate Study	Department	Study Date	Validation Date	Rates Basis	Amount	Service
25.	Electron Beam Laboratory	IEN	3/21/14	9/21/17			US Academic Institutions
	,,,				Hour	\$100	Staff Time
					Hour	\$60	EBL Machine Time
							Foreign Academic Institutions
					Hour	\$100	Staff Time
					Hour	\$90	EBL Machine Time
							<u>Industrial</u>
					Hour	\$100	Staff Time
					Hour	\$90	EBL Machine Time
							GT Student Enrolled in COD Studio
26.	3-D Printer	COD	7/14/17	9/20/17	Cubic Inch	\$4.75	Dimension FDM Printing
					ML	\$0.37	Form 2 - High Res Clear and White
					ML	\$0.50	Form 2 - Rubber
					Cubic Inch	\$5.50	Zcorp - Powder
							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
					Cubic lifeli	ψ0.72	Zeosp Toward
27	Telecom	OIT	7/1/10	0/29/17			Internal
27.	Telecom	OH	7/1/18	9/28/17	FTE	\$475.00	Internal Telecom
					LIE	\$475.00	relectorii
							<u>Internal</u>
28.	Neuro Lab	BME	11/28/15	10/30/17	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	9/5/17			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	Rat		t Service
30.	NMRI-MR Imaging Facility	BME	3/19/13	10/24/17			<u>Internal</u>
					Но		Personal Services - (1 hour minimum)
					Но	ur \$110	Instrument Services - (1 hour minimum)
							External (Industry)
					Но		Personal Services - (1 hour minimum)
					Но	ur \$249	Instrument Services - (1 hour minimum)
32.	Center for Advanced Brain Imaging	CoS	3/10/16	9/7/17			<u>Internal</u>
					Но	ur \$42	Weekend / Evening
					Но	ur \$90	Consulting Services
					Но	ur \$82	Facility Use
					Но	ur \$425	Instrument Services
							External/Industry
					Но	ur \$42	Weekend / Evening
					Но	ır \$90	Consulting Services
					Но		Facility Use
					Но	ur \$525	Instrument Services
34.	Optical Microscopy	IBB	11/7/17	9/28/17			Georgia Tech
					Но	ur \$22	Instrument Services
					Но		Personal Services
							Affiliates and Industry Partners
					Но	ur \$30	Instrument Services
					Но	ur \$32	Personal Services
							Industry
					Но	ur \$105	Instrument Services
					Но	ur \$69	Personal Services
35.	Vacuum Test Facility	AE	2/24/16	10/5/17	Da	y \$621	Main Chamber Set Up
	· · · · · · · · · · · · · · · · · · ·				Da		
					Da		Small Chamber Set Up
					Da	•	*
					2.	, -1,000	

			Rate	Annual			
No.	Name of Rate Study	Department	Study Date	Validation Date	Rates Basis	Amount	Service
1101	Tunio of Tuno Study	Department	Duite	Dute	24010	111104111	50.1.00
38.	Genome Analysis	IBB	7/1/17	10/2/17			GT Users
					Hour	\$46	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	\$26	Nano Bioanalyzer
					unit	\$27	Pico Bioanalyzer
					unit	\$5	High Capacity cDNA
					unit	\$9 \$2	Super Script cDNA
					unit Per Chip (8 samples)	\$2 \$40	Nano Drop 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
					Ter bampie	400	•
							Affiliates and Industry Partners
					Hour	\$46	Personal Services, per hours
					unit	\$1,469	96.96 Gene Expression
					unit	\$1,015	96.96 Genotyping
					unit	\$70	96.96 Pre-Amp
					unit	\$732	48.48 Gene Expression
					unit	\$659	48.48 Genotyping
					unit	\$70	48.48 Pre-Amp
					unit	\$736	48.48 Taqman Gene Expression
					unit	\$925	12 X 12 Chip
					unit	\$37	Nano Bioanalyzer
					unit	\$38	Pico Bioanalyzer
					unit	\$5	High Capacity cDNA
					unit	\$10	Super Script cDNA
					unit	\$3	Nano Drop
					Per Chip (8 samples)	\$40	ddPCR
					Per Chip (8 samples)	\$16	ddPCR w/o reagents
					unit	\$259	Nucleofector
					Per Cartidrge	\$400	BioRad ddSEQ
					unit	\$7	Step One PLus 96 well RT PCR S
					Per Sample	\$75	Library
					i ci bampic	Ψ13	Liotuij

Rates

Rate Annual Study Validation

No.	Name of Rate Study	Department	Date	Date	Basis	Amount	Service
							F-11/(F-11)
					••	0.45	External (Industry)
					Hour	\$46	Personal Services, per hours
					unit	\$1,721	96.96 Gene Expression
					unit	\$1,190	96.96 Genotyping
					unit	\$82	96.96 Pre-Amp
					unit	\$858	48.48 Gene Expression
					unit	\$772	48.48 Genotyping
					unit	\$82	48.48 Pre-Amp
					unit	\$863	48.48 Taqman Gene Expression
					unit	\$1,084	12 X 12 Chip
					unit	\$105	Nano Bioanalyzer
					unit	\$108	Pico Bioanalyzer
					unit	\$5	High Capacity cDNA
					unit	\$11	Super Script cDNA
					unit	\$9	Nano Drop
					Per Chip (8 samples)	\$40	ddPCR
					Per Chip (8 samples)	\$20	ddPCR w/o reagents
					unit	\$704	Nucleofector
					Per Cartidrge	\$1,020	BioRad ddSEQ
					~	\$8	Step One PLus 96 well RT PCR S
					unit Des Germale		•
					Per Sample	\$581	Library

			Rate Study	Annual Validation	Rates		
No.	Name of Rate Study	Department	Date	Date	Basis	Amount	Service
40.	Digital Fabrication Lab	COD	6/5/13	9/21/17			DFL Lab
					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
	•	27			Hour	\$70	Cryo-EM
							External Academic
					Hour	\$50	TEM
					Hour	\$70	Cryo-EM
							Industrial
					Hour	\$344	TEM
					Hour	\$344	Cryo-EM
43.	Invention Studio Center	ME	1/3/13	10/31/17	Cubic Inch	\$28	Uprint 3D Printer
43.	invention Studio Center	MIL	1/3/13	10/31/17	Cubic Inch	\$17	Dimension 3D Printer
					Cubic Inch	\$27	Eden 3D Printer
					Cubic men	Ψ21	Eden 3D Times
45.	Alternative Media Access Center	CoA	7/17/13	9/30/16	Hour	\$450	Consultation
47.	High Performace Computing (HPC)	OIT	12/11/15	9/19/17	G	¢1.coo	External
					Server	\$1,699	Infrastructure and Support
					Per TB	\$169	DDN Project Storage
					CPU Hour	\$0.0715	8 Core Node
					CPU Hour CPU Hour	\$0.0477	12 Core Node
					CPU Hour	\$0.0358 \$0.0236	16 Core Node 24 Core Node
					CPU Hour CPU Hour		24 Core Node 48 Core Node
					CPU Hour	\$0.0119 \$0.0089	64 Core Node
					Cro nour	Ф 0.0069	04 Core Node
48.	Mesoscale Materials Characterization	ME	4/2/14	10/31/17			Educational Institutions
					Hour	\$35	SEM
					Hour	\$45	SEM + EBSD
							<u>Industrial</u>
					Hour	\$42	SEM
					Hour	\$62	SEM + EBSD

			Rate Study	Annual Validation	Rates		
No.	Name of Rate Study	Department	Date	Date	Basis	Amount	Service
49.	Carbon Fiber Research Center	MSE	3/18/14	9/5/17	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	10/2/17			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	10/20/17			GT & IPP Members
51.	OTIVIT Florotype Euro	GIMI	0,2,11	10/20/17	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
					Cuote III.	410	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 Analysis Core		IBB	12/15/16	10/9/17			GT Investigators
	•					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
								<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

			Rate	Annual			
			Study	Validation	Rates		
No.	Name of Rate Study	Department	Date	Date	Basis	Amount	Service
~ 4	VPD C	Mar	2/22/15	0/10/17			The state of the s
54.	XRD Center	MSE	2/23/15	9/18/17			Educational Institutions
							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
					Hour	\$17.00	Tier 2 (1st 151-300 Hours / Machine)
					Hour	\$17.00	Personal Services
					Hour	\$8.50	X-Ray Services
					Hour	ψ0.50	Tier 3 (1st 301-450 Hours / Machine)
					Hour	\$8.50	Personal Services
					Hour	\$4.25	X-Ray Services
					11041	ψ25	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
							GA Tech
55.	Neuro Design Suite	IBB	5/11/15	9/28/17	Hour	\$85.00	Machine Service
							Other Academic
					Hour	\$100.00	Machine Service
							<u>Industrial</u>
					Hour	\$125.00	Machine Service
							The state of the state of
5.0	Maradala Analada Cantan	TEN	C / A / 1.5	0/10/17	TT	¢110.00	Educational Institutions
56.	Materials Analysis Center	IEN	6/4/15	9/18/17	Hour Hour	\$118.00 \$34.00	Testing Services
					Hour	\$34.00	Equipment Use Industrial
					Hour	\$118.00	Testing Services
					Hour	\$34.00	Equipment Use
					Houi	\$34.00	Equipment Ose
							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

No. September Process Proces				Rate	Annual				
No. Name of Roan Study Department De							Rates		
	No	Name of Rate Study	Department	•		-		Amount	Service.
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Bit Rom \$2,813	36.	Fight Throughput DNA Sequencing and Molecular Evolution Cole	IDD	//1/1/	9/20/17	IDD/EDD	Цоня	405	
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IBB Sample \$103 Library preparation (Nextera DNA) BB Sample \$30 W/o reagents BB Sample \$100 Library preparation (TruSeq RNA) IBB Sample \$42 W/o reagents IBB Sample \$45 Library preparation (TruSeq DNA - with sheared DNA) IBB Sample \$30 W/o reagents IBB Sample \$30 W/o reagents IBB Sample \$148 Library preparation (Nextera Exome) IBB Sample \$46 W/o reagents IBB Sample \$46 W/o reagents IBB Sample \$30 W/o reagents IBB Sample \$36 W/o reagents IBB Sample \$40 W/o reagents IBB Sample \$5 Sanger Sequencing IBB Nun \$40 W/o reagents IBB Sample \$5 Sanger Sequencing IBB Nun \$1,448 NextSeq Mid Output Kit SE150 or PE75 IBB Run \$430 NextSeq Mid Output Kit PE150 Service only IBB Run \$450 NextSeq Mid Output Kit SE150 or PE35 PE35 Service only IBB Run \$450 NextSeq High Output Kit SE157 or PE35 Service only IBB Run \$3,138 NextSeq High Output Kit SE150 or PE75									
IBB Sample \$30 W/o reagents IBB Sample \$42 Wo reagents IBB Sample \$42 Wo reagents IBB Sample \$65 Library preparation (TruSeq DNA - with sheared DNA) IBB Sample \$65 Library preparation (TruSeq DNA - with sheared DNA) IBB Sample \$148 Library preparation (Nextera Exome) IBB Sample \$46 W/o reagents IBB Sample \$46 W/o reagents IBB Sample \$55 Library preparation (NEB DNA Ultra II) IBB Sample \$50 W/o reagents IBB Sample \$50 W/o reagents IBB Sample \$51 Library preparation (NEB DNA Ultra II) IBB Sample \$51 Library preparation (NEB DNA Ultra II) IBB Sample \$52 Library preparation (NEB RNA Ultra II) IBB Sample \$53 W/o reagents IBB Sample \$55 Sample \$55 Library preparation (NEB RNA Ultra II) IBB Sample \$55							*		
IBB Sample \$10 Library preparation (TruSeq RNA) BB Sample \$42 W/o reagents BB Sample \$55 Library preparation (TruSeq DNA - with sheared DNA) BB Sample \$30 W/o reagents BB Sample \$148 Library preparation (Nextera Exome) BB Sample \$46 W/o reagents BB Sample \$55 Library preparation (Nextera Exome) BB Sample \$55 Library preparation (Nextera Exome) BB Sample \$55 Library preparation (Nextera Exome) BB Sample \$30 W/o reagents Library preparation (NEB DNA Ultra II) BB Sample \$36 W/o reagents BB Sample \$55 Library preparation (NEB RNA Ultra II) BB Sample \$36 W/o reagents BB Sample \$50 W/o reagents BB Run \$40 W/o reagents B									
IBB Sample \$42 W/o reagents IBB Sample \$55 Library preparation (TruSeq DNA - with sheared DNA) IBB Sample \$30 W/o reagents IBB Sample \$46 W/o reagents 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 DNA Ultra II) IBB Sample \$30 W/o reagents IBB Sample \$30 W/o reagents IBB Sample \$30 W/o reagents IBB Sample \$35 Library preparation (NEB RNA Ultra II) IBB Sample \$36 W/o reagents IBB Sample \$36 W/o reagents IBB Sample \$36 N/o reagents IBB Sample \$37 Library preparation (NEB RNA Ultra II) IBB Sample \$38 W/o reagents IBB Run \$490 cBOT separation IBB Sample \$5 Sample \$5 Sample \$5 NextSeq Mid Output Kit SE150 or PE75 IBB Run \$1,448 NextSeq Mid Output Kit SE150 or PE75 service only IBB Run \$430 NextSeq Mid Output Kit PE150 service only IBB Run \$455 NextSeq Mid Output Kit PE150 service only IBB Run \$456 NextSeq Mig Output Kit SE75 or PE35 service only IBB Run \$450 NextSeq Migh Output Kit SE75 or PE35 service only IBB Run \$450 NextSeq Migh Output Kit SE75 or PE35 service only IBB Run \$450 NextSeq Migh Output Kit SE75 or PE35 service only IBB Run \$450 NextSeq High Output Kit SE75 or PE35 service only IBB Run \$450 NextSeq High Output Kit SE75 or PE35 service only IBB Run \$450 NextSeq High Output Kit SE75 or PE35 service only IBB Run \$450 NextSeq High Output Kit SE75 or PE35 service only IBB Run \$450 NextSeq High Output Kit SE75 or PE35 service only IBB Run \$450 NextSeq High Output Kit SE75 or PE35 service only IBB Run \$450 NextSeq High Output Kit SE75 or PE35 service only IBB Run \$450 NextSeq High Output Kit SE75 or PE35 service only IBB Run \$450 NextSeq High Output Kit SE75 or PE35 service only IBB Run \$450 NextSeq High Output Kit SE75 or PE35 service only IBB Run \$450 NextSeq High Output Kit SE75 or PE35 service only IBB Run \$450 NextSeq High Output Kit SE75 or PE35 service only IBB Run \$450 NextSeq High Output Kit SE75 or PE35 service only									
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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 Sample \$36 W/o reagents IBB Run \$490 cBOT separation IBB Run \$40 W/o reagents IBB Sample \$5 Sanger Sequencing IBB Run \$1,448 NextSeq Mid Output Kit SE150 or PE75 IBB Run \$2,095 NextSeq Mid Output Kit PE150 IBB Run \$4,65 NextSeq Mid Output Kit PE150 service only IBB Run \$4,65 NextSeq Mid Output Kit SE150 or PE75 IBB Run \$4,65 NextSeq Mid Output Kit PE150 service only IBB Run \$4,65 NextSeq Mid Output Kit PE150 service only IBB Run \$4,65 NextSeq High Output Kit SE75 or PE35 IBB Run \$4,813 NextSeq High Output Kit SE75 or PE35 service only IBB Run \$4,813 NextSeq High Output Kit SE75 or PE35 service only IBB Run \$4,813 NextSeq High Output Kit SE75 or PE35 service only IBB Run \$4,813 NextSeq High Output Kit SE75 or PE35 service only IBB Run \$4,813 NextSeq High Output Kit SE75 or PE35 service only IBB Run \$4,813 NextSeq High Output Kit SE75 or PE35 service only IBB Run \$4,813 NextSeq High Output Kit SE75 or PE35 service only IBB Run \$4,813 NextSeq High Output Kit SE75 or PE35 service only IBB Run \$4,90 NextSeq High Output Kit SE75 or PE35 service only IBB Run \$4,90 NextSeq High Output Kit SE150 or PE75									
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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 IBB Run \$1,448 NextSeq Mid Output Kit SE150 or PE75 IBB Run \$430 NextSeq Mid Output Kit SE150 or PE75 IBB Run \$2,095 NextSeq Mid Output Kit PE150 IBB Run \$465 NextSeq Mid Output Kit PE150 IBB Run \$465 NextSeq Mid Output Kit PE150 IBB Run \$465 NextSeq Mid Output Kit SE75 or PE35 IBB Run \$465 NextSeq High Output Kit SE75 or PE35 IBB Run \$450 NextSeq High Output Kit SE75 or PE35 IBB Run \$450 NextSeq High Output Kit SE75 or PE35 Service only IBB Run \$450 NextSeq High Output Kit SE75 or PE35 Service only IBB Run \$450 NextSeq High Output Kit SE75 or PE35 Service only IBB Run \$450 NextSeq High Output Kit SE75 or PE35 Service only IBB Run \$450 NextSeq High Output Kit SE75 or PE35 Service only IBB Run \$450 NextSeq High Output Kit SE75 or PE35 Service only IBB Run \$450 NextSeq High Output Kit SE75 or PE35 Service only IBB Run \$450 NextSeq High Output Kit SE75 or PE35 Service only IBB Run \$450 NextSeq High Output Kit SE75 or PE35 Service only IBB Run \$450 NextSeq High Output Kit SE75 or PE35 Service only IBB Run \$450 NextSeq High Output Kit SE75 or PE35 Service only									
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						EBB	Run	\$520	NextSeq High Output Kit SE150 or PE75 service only

Nome of Rate Study				Rate	Annual				
BBB				Study	Validation		Rates		
Fifth Run Sign Mexicon High Courput Kit PF150 service only	No.	Name of Rate Study	Department	Date	Date		Basis	Amount	Service
Fifth Run Sign Mexicon High Courput Kit PF150 service only						EBB	Run	\$4,796	NextSeq High Output Kit PE150
EBB Run \$170 Minisseq High, Output Kin, \$ETS or PESS service only						EBB	Run	\$607	
BBB Run \$1,122 MiniSeq High Output Kin SEL 90 or PE75 service only						EBB	Run	\$960	MiniSeq High Output Kit SE75 or PE35
FBB						EBB	Run	\$170	MiniSeq High Output Kit SE75 or PE35 service only
BBB						EBB	Run	\$1,122	MiniSeq High Output Kit SE150 or PE75
BBB						EBB	Run		
BBB						EBB	Run	\$1,800	MiniSeq High Output Kit PE150
BBB						EBB	Run	\$318	
EBB									
EBB						EBB	Run	\$117	
EBB						EBB	Chip	\$33	
BBB						EBB			· · · · · · · · · · · · · · · · · · ·
BB						EBB		\$27	
EBB Chip So8 Bounalyzer 2100 w/o seq at core (DNA HS) EBB Chip So9 Bionalyzer 2100 w/o seq at core (protein) EBB Hour S10 "Andrew" pipeting robot EBB Sample S3 DNA Extraction /sample EBB Sample S3 DNA Extraction /sample EBB Phage displays S10,000 DSFV Phage Display (1) EBB Clone S100 Custom Cloning (davaneed) EBB Clone S100 Custom Cloning (davaneed) EBB Library S10 Custom Cloning (davaneed) EBB Library S10 Custom Cloning (advaneed) EBB Units S15 Tap DNA polymerase, 1000 units EBB Units S15 Tap DNA polymerase, 1000 units EBB Set S00 OT XT custom adapter primers Set A EBB Set S00 OT XT custom adapter primers Set A EBB Set S00 OT XT custom adapter primers Set A EBB Set S00 OT XT custom adapter primers Set B EBB S1M, Inll S2 Get purification of the NGS libraries EBB S1M, Inll S2 Get purification of the NGS libraries EBB Sample S00 NGS DNA Library preparation NEB									
EBB						EBB		\$68	
EBB						EBB		\$50	
BBB						EBB			"Andrew" pipetting robot
EBB Sample Samp						EBB	Use	\$200	
EBB						EBB	Sample	\$3	1 11 0
EBB						EBB			*
EBB						EBB	Phage displays	\$10,000	*
EBB Clone \$1,000 Custom Cloning (hasic) 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 mutagenisis library EBB Vial \$30 Error Prone PCR with Library Construction EBB Units \$25 Error Prone PCR with Library Construction EBB Units \$15 Tag 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 primer SetA EBB Set \$500 GT XT custom adapter primer SetA EBB Set \$500 GT XT custom adapter primer SetA EBB Set \$500 GT XT custom adapter primer SetD EBB Set \$50						EBB		\$20,000	
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 \$715 Custom Region Saturated mutagenisis library EBB Units \$15 Taq DNA polymerase, 1000 units EBB Units \$15 Taq DNA polymerase, 1000 units EBB Loads \$50 DNA ladder, 100 EBB Set \$500 GT XT custom adapter primers Set B EBB Set \$500 GT XT custom adapter primers Set B EBB Set \$500 GT XT custom adapter primers Set B EBB Set \$500 GT XT custom adapter primers Set B EBB Set \$500 GT XT custom adapter primers Set B EBB Set \$500 GT XT custom adapter primers Set B EBB Set \$500 GT XT custom adapter primers Set B EBB Set \$500 GT XT custom adapter primers Set B EBB Set \$500 GT XT custom adapter primers Set B EBB Set \$500 GT XT custom adapter primers Set B EBB Set \$500 GT XT custom adapter primers Set B EBB Set \$500 GT XT custom adapter primers Set B EBB Set \$500 GT XT custom adapter primers Set B EBB Vial yz \$1 frozen stock sample storage *80 Plasmid Perp and shipment EBB Colonies \$20 Agar plates (per 20 plates) EBB Reaction \$5 Sanger sequencing EBB Vial \$25 Gel purification of the NGS libraries EBB S/IM, IM \$5 PTG solution, IM solution; ImL EBB L \$200 Medium for bacterial and yeast groth, IL EBB Reaction \$3 Gibbons assembly enzyme mixture I reaction EBB Sample \$50 NGS DNA Library preparation NEB EBB Month/User \$399 Cell culture room usage							0 1 1		
EBB						EBB	Clone		The state of the s
EBB Library \$71.5 Custom Region Saturated mutagenisis 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 SetB EBB Set \$500 GT XT custom adapter primers SetB EBB Set \$500 GT XT custom adapter primers SetB EBB Set \$500 GT XT custom adapter primers SetB EBB Set \$500 GT XT custom adapter primers SetB EBB Set \$500 GT XT custom adapter primers SetB EBB Set \$500 GT XT custom adapter primers SetB EBB Set \$500 GT XT custom adapter primers SetB EBB Set \$500 GT XT custom adapter primers SetB EBB Set \$500 GT XT custom adapter primers SetB EBB Prep plus shipping \$50 Plasmid Prep and shipment EBB Prep plus shipping \$50 Plasmid Prep and shipment EBB Colonies \$20 Colony Picking, 1000 colonies EBB Reacton \$5 Sanger sequencing EBB Single \$5 Sanger sequencing EBB Single \$5 Sanger sequencing EBB Sibson assembly enzyme mixture I reaction EBB Sample \$5 Qubit DNA measurment /sample EBB Sample \$5 NGS DNA Library preparation NEB EBB Sample \$50 NGS DNA Library preparation NEB									
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EBB Vial S30 E. coli and Yeast competent cells EBB Units S15 Taq DNA polymerase, 1000 units EBB Units S25 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 SetB EBB Set \$500 GT XT custom adapter primers SetB EBB Set \$500 GT XT custom adapter primers SetB EBB Set \$500 GT XT custom adapter primers SetB EBB Set \$500 GT XT custom adapter primers SetB EBB Set \$500 GT XT custom adapter primers SetB EBB Set \$500 GT XT custom adapter primers SetB EBB I/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 Ficking, 1000 colonies EBB Reacton \$5 Sanger sequencing EBB Vial \$25 Gel purification of the NGS libraries EBB \$5/IM, Iml \$5 IPTG solution, I M solution; ImL EBB Reaction \$3 Gibbson assembly enzyme mixture 1 reaction EBB Sample \$5 Qubit DNA measurment /sample EBB Sample \$5 NGS plasmid sequencing EBB Sample \$5 NGS plasmid sequencing EBB Month/User \$399 Cell culture room usage						EBB	•		•
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EBB						EBB	Units	\$25	Phusion DNA polymerase, 1000 units
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EBB Set \$500 GT XT custom adapter primers SetC EBB Set \$500 GT XT custom adapter primers SetD EBB I/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 Reaction \$3 Gibbson assembly enzyme mixture 1 reaction EBB Sample \$5 Qubit DNA measurement /sample EBB Sample \$50 NGS DNA Library preparation NEB 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	Set	\$500	GT XT custom adapter primers SetA
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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 Gibbson 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									
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EBB Tube \$1 Antibiotics stock solutions									
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EBB Hour \$2 Remote desktop Genious DNA analysis software									
						EBB	Hour	\$2	Remote desktop Genious DNA analysis software

			Rate Study	Annual Validation		Rates		
No.	Name of Rate Study	Department	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 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 IBB	Lane	\$232	HiSeq High output (125) SE125 w/o reagents
					IBB	Lane	\$1,527 \$176	HiSeq High Output Run (100) PE50
					IBB	Lane		HiSeq High Output Run (100) PE50 w/o reagents HiSeq High Output Run (200) PE100
					IBB	Lane Lane	\$2,188 \$252	HiSeq High Output Run (200) PE100 HiSeq High Output Run (200) PE100 w/o reagents
					IBB	Lane	\$2,275	HiSeq High Output Run (250) PE100 W/o reagents HiSeq High Output Run (250) PE125
					IBB	Lane	\$2,273	HiSeq High Output Run (250) PE125 HiSeq High Output Run (250) PE125 w/o reagents
					IBB	Sample	\$5 \$5	Oubit
					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

Annual

Rate

			Study	Validation		Rates		
No.	Name of Rate Study	Department	Date	Date		Basis	Amount	Service
110.	Name of Rate Study	Department	Date	Date	EBB	Run	\$4,796	NextSeq High Output Kit PE150
					EBB	Run	\$4,790 \$607	NextSeq High Output Kit PE150 NextSeq High Output Kit PE150 service only
					EBB	Run	\$960	MiniSeq High Output Kit 1E130 service only MiniSeq High Output Kit SE75 or PE35
					EBB	Run	\$170	MiniSeq High Output Kit SE75 or PE35 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 of PE75 MiniSeq High Output Kit SE150 or PE75 service only
					EBB	Run	\$1,800	MiniSeq High Output Kit 9E150
					EBB	Run	\$318	MiniSeq High Output Kit PE150 MiniSeq High Output Kit PE150 service only
					EBB	Run	\$660	MiniSeq Mid Output Kit PE150 service only
					EBB	Run	\$117	MiniSeq Mid Output Kit PE150 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 (DNA 113) 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 (BNA 113)
					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 \$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 \$500	GT XT custom adapter primers SetA GT XT custom adapter primers SetB
					EBB	Set	\$500 \$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 \$20	Colony Picking, 1000 colonies
					EBB	Reacton	\$5	Sanger sequencing
					EBB	Vial	\$25	Gel purification of the NGS libraries
					EBB	Sample	\$23 \$5	Qubit DNA measurment /sample
					EBB	Sample	\$55	NGS DNA Library preparation NEB
					EBB	Sample	\$55 \$50	NGS plasmid sequencing
					EBB	Month/User	\$399	Cell culture room usage
					EBB	Tube	\$399 \$1	Antibiotics stock solutions
					EDD	rube	3 1	Anubioucs stock solutions

Rate Annual Study Validation Rates Date Basis Name of Rate Study Department Date Service Amount **External Industry** IBB/EBB Hour \$86 Consultation Charge IBB Run \$3,439 HiSeq Rapid Run (100) PE50 IBB \$949 Run 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 \$9,634 Lane 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 \$11,758 Lane 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 \$949 HiSeq High Output Run (200) PE100 w/o reagents Lane IBB Lane \$17,054 HiSeq High Output Run (250) PE125 IBB \$949 HiSeq High Output Run (250) PE125 w/o reagents Lane Qubit IBB Sample \$6 IBB Sample \$42 W/o reagents \$243 Library preparation (Nextera XT) IBB Sample IBB Sample \$188 W/o reagents IBB Sample \$179 Library preparation (Nextera DNA) IBB \$88 Sample 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 \$71 Library preparation (NEB DNA Ultra II) Sample IBB Sample \$43 W/o reagents IBB \$116 Sample Library preparation (NEB RNA Ultra II) IBB Sample \$74 W/o reagents IBB \$709 cBOT separation Run 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

EBB

Run

Run

\$2,209

\$450

NextSeq High Output Kit SE75 or PE35

NextSeq High Output Kit SE75 or PE35 service only

Annual

Rate

			Kate	Ailliuai				
			Study	Validation		Rates		
No.	Name of Rate Study	Department	Date	Date		Basis	Amount	Service
			<u> </u>	E	BB	Run	\$3,345	NextSeq High Output Kit SE150 or PE75
				E	BB	Run	\$520	NextSeq High Output Kit SE150 or PE75 service only
						Run	\$4,946	NextSeq High Output Kit PE150
				E	BB	Run	\$607	NextSeq High Output Kit PE150 service only
						Run	\$1,034	MiniSeq High Output Kit SE75 or PE35
				E	BB	Run	\$170	MiniSeq High Output Kit SE75 or PE35 service only
						Run	\$1,404	MiniSeq High Output Kit SE150 or PE75
						Run	\$198	MiniSeq High Output Kit SE150 or PE75 service only
						Run	\$1,865	MiniSeq High Output Kit PE150
						Run	\$318	MiniSeq High Output Kit PE150 service only
				E	BB	Run	\$678	MiniSeq Mid Output Kit PE150
						Run	\$117	MiniSeq Mid Output Kit PE150 service only
				E	BB	Chip	\$224	Bioanalyzer 2100 (DNA 1000)
						Chip	\$253	Bioanalyzer 2100 (DNA HS)
						Chip	\$227	Bioanalyzer 2100 (RNA)
						Chip	\$224	Bioanalyzer 2100 w/o seq at core (DNA 1000)
						Chip	\$253	Bioanalyzer 2100 w/o seq at core (DNA HS)
				E	BB	Chip	\$233	Bioanalyzer 2100 w/o seq at core (RNA)
						Chip	\$233	Bioanalyzer 2100 w/o seq at core (protein)
				E	BB	Hour	\$24	"Andrew" pipetting robot
				E	BB	Use	\$438	Set up fee for Andrew pipetting Robot
						ample	\$47	DNA Extraction /sample
				E	BB S	ample	\$181	RNA Extraction /sample
						eaction	\$75	Error Prone PCR
				E	BB L	ibrary	\$664	Error Prone PCR with Library Construction
				E	BB L	ibrary	\$1,678	Custom Region Saturated mutagenisis library
						Units	\$105	Taq DNA polymerase, 1000 units
						Loads	\$206	DNA ladder, 100
						Set	\$1,274	GT XT custom adapter primers SetA
						Set	\$1,274	GT XT custom adapter primers SetB
						Set	\$1,274	GT XT custom adapter primers SetC
						Set	\$1,274	GT XT custom adapter primers SetD
						Sleeve	\$81	Agar plates (per 20 plates)
						olonies	\$368	Colony Picking, 1000 colonies
						eacton	\$7	Sanger sequencing
						Vial	\$129	Gel purification of the NGS libraries
						ample	\$6	Qubit DNA measurment /sample
						ample	\$91	NGS DNA Library preparation NEB
						ample	\$65	NGS plasmid sequencing
				E	BB Mo	nth/User	\$404	Cell culture room usage
				E	BB	Tube	\$6	Antibiotics stock solutions

			Rate	Annual	ъ.		
No.	Name of Rate Study	Department	Study Date	Validation Date	Rates Basis	Amount	Service
110.	Name of Rate Study	Department	Date	Date	Dasis	Amount	Internal / Educational Institutions
59.	Heat Lab	ME	3/1/16	10/31/17	Hour	\$19	High Cost Equipment Usage
37.	Teat Lab	WIL	3/1/10	10/31/17	Hour	\$9	Low Cost Equipment Usage
					Hour	\$23	Measurement Service
					Tioui	Ψ23	External / Industrial:
					Hour	\$19	High Cost Equipment Usage
					Hour	\$9	Low Cost Equipment Usage
					Hour	\$23	Measurement Service
					11041	425	
							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	9/18/17	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	9/19/17	Per Analysis	\$300	Full Service Structure Analysis
					Per Hour	\$75	Personnel Assistance
					Per Hour	\$25	Instrument Services

			Rate Study	Annual Validation	Rates		
No.	Name of Rate Study	Department	Date	Date	Basis	Amount	Service
63.	·	IBB	11/9/16	10/2/17			GT & External Educational Institutes
00.	bystems mass spectrometry conter	122	11///10	10/2/1/	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
					Tot bumpio	420	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
						4.4	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
64.	Radiological Science & Engineering Lab	ME	7/17/12	10/13/17	•		Faculty Usage
					Hour	\$144	Varian
					Hour	\$35	Facility Usage Fee
					Hour	\$80	Training Lab
							Industry
					Hour	\$500	Varian
					Hour	\$65	Facility Usage Fee
					Hour	\$128	Training Lab
							we a second
	CVIII December 1	0.10	0/1/17	0/12/17	***	01.4	Educational Institutions
65.	GVU Prototyping Lab	SoIC	3/1/17	9/13/17	Hour	\$14	3D Printing-Personal Services
					Cubic Inch	\$3.75	Dimension ABS Printer Build
					Cubic Inch	\$7.50	Dimension ABS Printer Support
					Grams	\$0.40	3D Systems Project Build
					Grams	\$0.30	3D Systems Project Support <u>Industrial</u>
					Hour	\$16.03	3D Printing-Personal Services
					Cubic Inch	\$4.67	Dimension ABS Printer Build
					Cubic Inch	\$8.48	Dimension ABS Printer Support
					Grams	\$0.79	3D Systems Project Build
					Grams	\$0.63	3D Systems Project Support

			Rate	Annual			
NT.	No C.D C 1	Donordonous	Study	Validation	Rates	A	G
No.	Name of Rate Study	Department	Date	Date	Basis	Amount	Service
66.	Biomolecular Characterization and Analysis	IBB/EBB	7/1/17	Location			<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 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	Department	Rate Study Date	Annual Validation Date	Rates Basis	Amount	Service
							Affiliates and Industry Partners
				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

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Per Session

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Sample

\$8

\$50

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\$5

\$20

\$9

\$65

\$5

\$15

\$15

\$15

\$15

\$16

\$8

\$13

\$8

\$15

\$100

BioTek Synergy H4 (short)

BioTek Synergy H4 (long)

GE Ultrospec 2100 Pro

Shimadzu Prominence

Wyatt DynaPro NanoStar

Malvern Zetasizer Nano Z

Nano Temper Promethius

Isothermal calorimetry

Analytical ultracentrifuge

Wyatt Dynapro Plate Reader

High Speed Centrifuge Avanti

Differential Scanning Calorimetry

Malvern Viscotek SEC-MALS 20

Shimadzu Prominence

Stratagene Mx3005P

GE AKTA Pure 25

Olis RSM1000

Ultracentrifuge

Annual

Rate

			Ctude	Validation	Rates		
No.	Name of Rate Study	Department	Study Date	Date	Basis	Amount	Service
110.	Name of Rate Study	Берининен	Dute	Dute	Dusis	rimount	External (Industry)
				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 \$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	\$13 \$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 \$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 \$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
				EBB	Sample	Ψ201	i maryticar didacentinage
67. IDEAS: MD	93	IM	7/1/17				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)
					10 110013	ΨΟΟΟ	. Additional Support Luchago (10 1113)

			Rate Study	Annual Validation	Rates		
No.	Name of Rate Study	Department	Date	Date	Basis	Amount	Service
68.	STAMI Polymer and Molecular Characterization Facility	Chem	7/1/17				Internal Trained Users
00.	STAINT FOR THE AND INDICEDIAL CHARACTERIZATION FACILITY	Chem	7/1/1/		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
						\$5.00 \$5.00	
					Hour Hour	\$5.00 \$6.00	Cary 5000 Aligent 7890a & 5975C
					Hour Hour	\$8.00	
						\$5.00 \$5.00	Agilent 6120BMS, 1260 LC
					Hour	\$3.00	Contact Angle Goniometer
							Internal Sample Run &Training
					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
							External Users
					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	\$106.92	Horiba Jobin Yvon Fluorimeter FL-1005
					Hour	\$35.97 \$35.44	Horiba Jobin Yvon Fluorimeter FL3-1003 Horiba Jobin Yvon Fluorimeter FL3-21
					Hour	\$35.44 \$35.62	
						\$35.62 \$32.82	Shimadzu IR Prestige 21
					Hour		Cary 5000
					Hour	\$79.91	Aligent 7890a & 5975C
					Hour	\$127.62	Agilent 6120BMS, 1260 LC
					Hour	\$94.90	Contact Angle Goniometer

Processing the process of the proc	No	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates Basis	Amount	Service
Hour \$35,080 CT Passonal Services, per hour	No.	Name of Rate Study	Department	Date	Date	Dasis	Amount	Service
Per Nice	69.	Bioimaging and Biomechanical Properties Testing	IBB	7/1/17		Unit	\$3.95	CT Personal Services, per hour Set Up Charge
Per Slice								
Hour \$15.00 Hourescence Boluminescence imaging, per hour Blour \$15.00 Hourescence Boluminescence imaging, per hour Blourescence Blourinescence imaging, per hour Blourescence Blourinescence imaging, per hour Blour								
Hour								
Per Slice								CT Personal Services, per hour
Per Slice								1 6
Per Slice								
Hour \$15.51 Biomechanics Machine Services, per hour NDUSTRY Hour \$69.89 CT Personal Services, per hour 1 \$50.40 Set Up Charge Per Silice \$0.19 High Resolution, per silice 1 \$1.42 Custom Resolution, per silice 1 \$1.42 Custo								-
Hour Son 20 CP resroal Services, per hour								
Hour Sc. 44 Set Up Charge Per Slice \$0.07 Medium Resolution, per slice Per Slice \$0.07 Medium Resolution, per slice Per Slice \$0.07 Medium Resolution, per slice Per Slice \$0.09 High Resolution, per slice Per Slice \$0.19 High Resolution, per slice Per Slice \$0.19 High Resolution, per slice Per Slice \$0.19 High Resolution, per slice Hour \$97.43 Fluorescence / Bioluminiscence imaging, per hour 70. Electrical Testing of Materials and Devices MSE 7/1/17 **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 \$148 Director Consulting Hour \$160 Repeat of Initial Test Sample Use \$257 Standard Setup (Material) Hour \$160 Repeat of Initial Test Sample Use \$257 Standard Setup (Material) Hour \$160 Repeat of Initial Test Sample Use \$257 Standard Setup (Material) Hour \$160 Repeat of Initial Test Sample Use \$257 Standard Setup (Material) Hour \$160 Repeat of Initial Test Sample Use \$257 Standard Setup (Material) Hour \$160 Repeat of Initial Test Sample Use \$257 Standard Setup (Material) Hour \$160 Repeat of Initial Test Sample Gost Cost Non Standard Setup (Material) Hour \$160 Repeat of Initial Test Sample Gost Cost Non Standard Setup (Material) Hour \$160 Repeat of Initial Test Sample Gost Gost Non Standard Setup (Material) Hour \$160 Repeat of Initial Test Sample Gost Gost Non Standard Setup (Material) Hour \$160 Repeat of Initial Test Sample Gost Gost Non Standard Setup (Material) Hour \$160 Repeat of Initial Test Sample Gost Gost Non Standard Setup (Material) Hour \$160 Repeat of Initial Test Sample Gost Gost Non Standard Setup (Material) Hour \$160 Repeat of Initial Test Sample Gost Gost Non Standard Setup (Material) Hour \$160 Repeat of Initial Test Sample Gost Gost Non Standard Setup (Material) Hour \$160 Repeat of Initial Test Sample Gost Gost Non Standard Setup (Material) Hour \$160 Repeat of Initial Test Sample Gost Gost Non Standard Setup (Material) Hour \$160 Repeat of Initial Test Sample Gost Gost Non Standa						Hour	\$15.51	Biomechanics Machine Services, per hour
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Per Slice Per Slice S1.4 Custom Resolution, per slice Per Slice S1.4 Custom Resolution, per slice Per Slice S1.4 Custom Resolution, per slice Hour S97.43 Pluorescence / Bioluminescence imaging, per hour S18.20 Biomechanics Machine Services, per hour S18.20 Biomechanics Machine Services, per hour S18.20 Biomechanics Machine Services, per hour S18.20 Initial Test Sample S250 Initial Test Sample S250 Initial Test Sample S250 Initial Test Sample S250 Standard Setup (Material) Plus S250 Standard Setup (Material) Plus S250 GRA Consulting S255 Initial Test Sample S250 GRA Consulting S255 Initial Test Sample S255 Sample S255 Standard Setup (Material) Plus S255 Sample S255 Initial Test Sample S25								
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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 GRA Consulting External (Industry)	70.	Electrical Testing of Materials and Devices	MSE	7/1/17				Internal
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Cost Cost Non Standard Setup (Material) Hour \$148 Director Consulting Hour \$50 GRA Consulting External (Industry)						Use	\$250	
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Hour \$50 GRA Consulting External (Industry)								
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Hour \$50 Lab Rate External (Industry)						Hour	\$64	
Hour \$50 Lab Rate External (Industry)	71	Tribology & Surface Engineering Lab	ME	7/1/10				Internal/Endard
External (Industry)	/1.	Tribology & Surface Engineering Lab	WIE	//1/18		**	650	
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Hour \$50 Lab Rate								External (Industry)
						Hour	\$50	Lab Rate

			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				<u>Internal</u>
					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
							<u>External</u>
					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 Us	e Rate						
	tablished for the infrequent and non-recurring use by a Tech lab facilities that are unique and not commercial						
4. Optical Ima	ging & Sensing Lab	ECE	10/8/08		Hour	\$15	CORPORATE Facility Use
13. Stable Isoto	ppe Facility	EAS	8/25/14	10/2/17	Hour	\$18 \$37	Other Acadamic Machine Service Corporate Machine Service
15. Center for t	he Study of Systems Biology	Biology	10/26/15	9/20/17	Computation	\$1,000	CORPORATE Computational Services