

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
7/26/2017

No.	Name of Rate Study	Department	Rate	Annual	Rates		
			Study	Validation	Basis	Amount	Service
			Date	Date			
1.	Center for Nanostructure Characterization	MSE	10/13/14	9/30/16			<u>Educational Institutions</u>
							Tier Structure where total rates decline per group for each machine as usage increases
							Tier 1 (1st 0-100 Hours / Machine)
					Hour	\$132	Personal Services-Director
					Hour	\$94	Personal Services-Research Scientist
					Hour	\$31	LEO 1530
					Hour	\$34	LEO 1550
					Hour	\$20	Hitachi SU8010
					Hour	\$32	JEOL 100CX-2
					Hour	\$44	JEOL TEM 4000EX
					Hour	\$45	Hitachi HF-2000
					Hour	\$80	Tenaci F30
					Hour	\$15	Atomic Force
					Hour	\$10	Gold / Carbon
					Hour		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

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							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	10/6/16	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	10/5/16	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	11/30/10	10/5/16	Day	\$712	HVL Platform
					Day	\$215	Cable Platform
					Day	\$119	Mechanical Platform
					Day	\$250	MTF/Other Platform
							Note: When platforms are used for multiple projects at the same time, hourly rates may be prorated among the users.
5.	Machine Shop - College of Sciences	CoS	2/14/13	9/21/15	Hour	\$50	Full Service
					Hour	\$10	Machine Services, Students

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6.	NMR Center	Chemistry	7/1/17	10/6/16	Hour		<u>Educational Institutions:</u>
							Personal Services, Other
							Tier A (4)
							Premium Rate (8AM-6PM) (3)
							Non-premium time
							Tier B (5)
							Premium Rate (8AM-6PM) (3)
							Non-premium time
							Tier C (6)
							Premium Rate (8AM-6PM) (3)
							Non-premium time
							<u>External</u>
							Personal Services, Other
							Machine Service, per hour:
Premium Rate (8AM-6PM) (3)							
Non-premium time							
7.	Materials Characterization Facility	IEN	12/15/14	10/4/16	Hour		<u>Internal / External Academic</u>
							Operator/ Consultation
							Equipment Group 1
							Hitachi HT7700 TEM
							Hitachi SU8230
							Thermo K-Alpha XPS
							Zeiss Ultra60 FE-SEM
							Equipment Group 2
							FEI Nova Nanolab 200 FIB/SEM
							FEI Quanta 200 3D FIB/SEM
							IONTOF Time-of-Flight SIMS
							Kratos XPS
							Equipment Group 3
							Hysitron TriboIndenter
							Raman Spectrometer
							Veeco AFM
							Veeco AFM II Dimension 3100
							Hummer 6 Gold/Palladium Sputter

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			Date	Date			
							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	Panalytical XRD
					Hour	\$20	Venus25 Benchtop Plasma System
					Hour	\$20	ZONESEM Desktop Sample Cleaner
					Hour	\$20	Shel Lab Vacuum Oven
					Hour	\$20	VWR Vacuum Oven
					Hour	\$20	Cressington Carbon Coater

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8.	IEN Micro & Nano Fabrication Center (formerly CMOS)	IEN	1/7/15	10/3/16	Hour	\$100	<u>Academic & Industrial Rates</u> Operator / Consultation
9.	Cleanroom Access	IEN	9/15/14	9/30/16	Month	\$200	<u>EDUCATIONAL INSTITUTION RATES</u> Facility Entry Fee, (Inorganic Cleanroom)
					Month	\$0	Facility Entry Fee, (Organic Cleanroom)
					Hour	\$20	Cleanroom Supply Use Charge
					Month	\$550	<u>INDUSTRIAL RATES</u> Facility Entry Fee, (Inorganic Cleanroom)
					Month	\$0	Facility Entry Fee, (Organic Cleanroom)
					Hour	\$20	Cleanroom Supply Use Charge
					Month	\$3,000	<u>Special Projects Usage</u> Defined Limited Access, per month
10.	Printing and Copying Center	OIT	6/1/16	10/6/16	Hour	\$83	Desktop Services
					Hour	\$18	PrePress Services
					Hour	\$49	Ryobi Services
					Hour	\$48	Heidelberg Windmill Services
					Copy	\$0.024	Quick Copy Services, plus paper
					Copy	\$0.19	Color Copier, plus paper
					Hour	\$30	Bindery Hand Labor Services
					Hour	\$47	Cutter Services
					Hour	\$55	Bourg Services
					Hour	\$65	Folder Services
					Cost plus	0%	Postage Setvices
					Hour	\$62	Inkjet Mailer
					Hour	\$54	Envelope Inserter
					Hour	\$60	Small Bind Services
					Copy	\$0.04	Student Printing
					Copy	\$0.19	Student Color Printing
					Sq. Ft.	\$3.87	Wide Format Printing
					Cost plus	16%	Supplies & Third Party

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14.	Packaging Research Center (PRC)	ECE	9/1/00	9/27/16			<u>INDUSTRIAL APPLIED RESEARCH</u>
					Hour	\$60	Mechanical Analysis Platform
					Hour	\$60	Assembly Materials
					Hour	\$60	Reliability Platform
					Hour	\$60	Lithography Platform
					Hour	\$75	Interconnect Test Platform
					Hour	\$75	Coating Platform
					Hour	\$100	Flip Chip Platform
					Hour	\$144	Plating Platform
					Hour	\$144	Functional Test Platform
					Hour	\$144	Laser Platform
15.	Mass Spectrometry Lab	Chemistry	5/9/16	10/6/16			<u>INTERNAL (GA Tech)</u>
					Hour	\$12	Personal Services
					Hour	\$12	Instrument Services
							<u>OTHER EDUCATIONAL INSTITUTIONS RATE</u>
					Hour	\$12	Personal Services
					Hour	\$12	Instrument Services
							<u>INDUSTRIAL RATE</u>
					Hour	\$117	Personal Services
					Hour	\$41	Instrument Services
16.	Mass Spectrometry Lab	Biology	7/21/10	10/14/13			<u>INTERNAL (Biology & Other Georgia Tech)</u>
					Sample	\$130	Compound Specific
					Sample	\$5	Nutrient concentration measurement
					Sample	\$10	Gas Chromatography
					Sample	\$10	Solid Organic
					Sample	\$30	Dissolved Nutrient
							<u>EDUCATIONAL INSTITUTIONS RATE</u>
					Sample	\$130	Compound Specific
					Sample	\$5	Nutrient concentration measurement
					Sample	\$10	Gas Chromatography
					Sample	\$10	Solid Organic
					Sample	\$30	Dissolved Nutrient
							<u>OTHER</u>
					Hour	\$100	Consulting Services
					Cost	Cost	Travel
17.	Physiological Research Lab (Vivarium)	IBB	8/6/10	9/30/16			
					Hour	\$30	Assistance & Special Labor
					Hour	\$10	Room Rental (max 5hrs/day)
					per Item	\$2	Laundry Service
					per cage	\$20	Cage Splitting
					per use	\$45	Faxitron Use
					per day	\$20	Anesthesia Machine Use
					per cycle	\$25	Gas Plasma Sterilization
					Hour	\$30	Animal Procurement (minimum 1 hr/per order)

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							ANIMAL HUSBANDRY:
							<u>Mice & Rats</u>
					Cage per Day	\$0.60	Mice-Conventional
					Cage per Day	\$0.90	Mice-Sterile Caging
					Cage per Day	\$0.90	Rats-Conventional
					Cage per Day	\$1.20	Rats-Sterile Caging
					Cage per Day	\$1.20	Rodent-Special Caging
							<u>Other Species</u>
					Animal Day	\$0.80	Lizard/Geckos
					Animal Day	\$2.79	Rabbits
					Animal Day	\$2.10	Guinea Pigs
					Animal Day	\$4.59	Cats
					Cost plus	25%	<u>Supplies</u>
18.	Histology Lab	IBB	6/26/14	9/28/16			<u>GT Internal</u>
					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)

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			Study	Validation	Basis	Amount	Service	
			Date	Date				
								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 Retrieval
					Slide	\$1.00		Coverslipping
						COST		Supplies - Pass Through
								<u>Other Academic & Industry Partner</u>
					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)
								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)
								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 Retrieval
					Slide	\$1.00		Coverslipping
						COST		Supplies - Pass Through

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			Date	Date			
					Hour	\$32.00	<u>Industry</u> Personal Services
					Sample	\$6.00	Processing: Paraffin (Routine)
					Sample	\$10.00	Paraffin (Special)
					Sample	\$17.00	Resin (Epoxy)
					Sample	\$35.00	Resin (GMA)
					Sample	\$50.00	Resin (MMA)
					Sample	\$11.00	Embedding: Frozen
					Sample	\$7.00	Paraffin (Routine)
					Sample	\$23.00	Paraffin (Special)
					Sample	\$121.00	Resin (Epoxy)
					Sample	\$144	Resin (GMA)
					Sample	\$138.00	Resin (MMA)
							Sectioning:
					Slide	\$8.00	Frozen
					Slide	\$1.00	Paraffin
					Slide	\$13.00	Microtome
					Cut	\$13.00	Isomet
					Slide	\$13.00	Exakt Grinding
							Staining:
					Slide	\$32.00	H&E
					Slide	\$42.00	Special
					Slide	\$47.00	IHC
							Other
					Sample	\$19.00	Decalcification
					Slide	\$14.00	Antigen Retrieval
					Slide	\$1.00	Coverslipping
						COST	Supplies - Pass Through

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19.	Micro-Computed Tomography Facility	IBB/ME	11/10/15	9/26/16			<u>GEORGIA TECH & EXTERNAL INSTITUTES</u>
					Set Up	\$3.92	Set Up Charge
					Slice	\$0.07	Medium Resolution
					Slice	\$0.17	High Resolution
					Slice	\$0.34	Custom Resolution
					Hour	\$45.33	Additional Analysis
							<u>IBB INDUSTRY PARTNERS</u>
					Set Up	\$5.23	Set Up Charge
					Slice	\$0.09	Medium Resolution
					Slice	\$0.22	High Resolution
					Slice	\$0.45	Custom Resolution
					Hour	\$45.33	Additional Analysis
							<u>INDUSTRY</u>
					Set Up	\$6.54	Set Up Charge
					Slice	\$0.11	Medium Resolution
					Slice	\$0.28	High Resolution
					Slice	\$0.56	Custom Resolution
					Hour	\$45.33	Additional Analysis
20.	Georgia Industrial Fellowships for Teachers	CEISMC	4/11/16	11/1/16			<u>On Campus Rate</u>
					Participant	\$1,500	Administrative Charge
							<u>Off Campus Rate</u>
					Participant	\$2,250	Administrative Charge
21.	Testing Services	IPST	5/22/13	9/13/16			<u>INTERNAL, ACADEMIC, INDUSTRY MEMBERS</u>
					Hour	\$97	Senior Scientist
					Hour	\$65	Analyst
					Hour	\$36	Instrument Services
							<u>INDUSTRIAL - NON-MEMBER</u>
					Hour	\$149	Senior Scientist
					Hour	\$99	Analyst
					Hour	\$150	Consulting Services
22.	Technical Services Organization	CoC	11/6/15	9/30/16	EFT per year	\$6,123	Computing & Networking Services
23.	Interactive Media Technology Center	IMTC	3/16/17	10/14/15			<u>Internal Departments:</u>
					Hour	\$84	Consulting
							<u>Other Educational Institutions:</u>
					Hour	\$84	Consulting
							<u>Corporate:</u>
					Hour	\$84	Consulting

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24.	Professional Education	GTPE	6/23/16	9/19/16	Federal	Other	<u>GTPE Administrative Charge - Sponsored PE Contracts:</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
25.	Electron Beam Laboratory	IEN	3/21/14	10/3/16	Hour	\$100	<u>US Academic Institutions</u>
					Hour	\$110	Staff Time
							EBL Machine Time
					Hour	\$100	<u>Foreign Academic Institutions</u>
					Hour	\$300	Staff Time
							EBL Machine Time
					Hour	\$100	<u>SBIR Small Business</u>
					Hour	\$200	Staff Time
							EBL Machine Time
					Hour	\$100	<u>Industrial</u>
					Hour	\$300	Staff Time
							EBL Machine Time
26.	3-D Printer	COD	9/26/13	9/20/16	Cubic Inch	\$5.75	<u>GT Students Enrolled in COA Studio</u>
					Cubic Inch	\$6.50	Dimension FDM Printing
					Cubic Inch	\$7.50	Fortus 360 - .010
							Fortus 360 - .005
							<u>Other Users</u>
					Cubic Inch	\$11.50	Dimension FDM Printing
					Cubic Inch	\$13.00	Fortus 360 - .010
					Cubic Inch	\$15.00	Fortus 360 - .005

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27.	Telecom	OIT	1/9/13	9/29/16			<u>Internal</u>
					Line, annual	\$254.40	Analog Line
					Line, annual	\$178.68	Emergency Phones
					Line, annual	\$322.80	VOIP
					Line, annual	\$322.80	Digital Line
					Line, annual	\$60.65	MADN's
					Line, annual	\$36.25	Audio Conferencing Ports
					Line, annual	\$99.02	Softphones
					Line, annual	\$823.57	ACD Agents
					Line, annual	\$0.04	Toll Free Long Distance
					Line, annual	\$18.87	Long Distance
					Line, annual	\$44.82	Moves, Adds, and Deletes
					Line, annual	\$16.98	Feature Changes
					Line, annual	\$26.99	Service Changes
					Cost plus	5%	Purchased Telephone Services
					Line, annual	\$80.72	Standalone Voice mailbox
28.	Neuro Lab	BME	11/28/15	9/16/16			<u>Internal</u>
					Group per Semester	\$1,264.29	Lab Coordination and Communications Fee
					Group per Semester	\$112.41	Lab Supplies and Services
					Group per Semester	\$52.49	Lab Gas Charges
							<u>External</u>
					Hour	\$9.03	Instrument Services
29.	Microanalysis Center	MSE	3/28/14	9/30/16			<u>Internal</u>
					Hour	\$30	Personal Services
					Hour	\$30	Instrument Services
							<u>Industrial</u>
					Hour	\$36	Personal Services
					Hour	\$45	Instrument Services
30.	NMRI-MR Imaging Facility	BME	3/19/13	9/16/16			<u>Internal</u>
					Hour	\$70	Personal Services - (1 hour minimum)
					Hour	\$110	Instrument Services - (1 hour minimum)
							<u>External (Industry)</u>
					Hour	\$70	Personal Services - (1 hour minimum)
					Hour	\$249	Instrument Services - (1 hour minimum)
31.	Center of Nanostructured Materials for Energy Storage	MSE	7/1/14	9/30/16			<u>Internal</u>
					Hour	\$50	Personal Services
					Procedure	\$95	Component Testing Services
					Procedure	\$125	Material Testing Services
							<u>External</u>
					Hour	\$100	Personal Services
					Procedure	\$129	Component Testing Services
					Procedure	\$200	Material Testing Services

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32.	Center for Advanced Brain Imaging	CoS	3/10/16	10/13/16			<u>Internal</u>
					Hour	\$42	Weekend / Evening
					Hour	\$90	Consulting Services
					Hour	\$82	Facility Use
					Hour	\$425	Instrument Services
							<u>External/Industry</u>
					Hour	\$42	Weekend / Evening
					Hour	\$90	Consulting Services
					Hour	\$82	Facility Use
					Hour	\$525	Instrument Services
33.	Robotics Machine Shop	COC	8/16/11	9/20/16	Hour	\$54.49	Personal Services
					Hour	\$13.47	Instrument Services
34.	Confocal Microscopy	IBB	12/15/16	9/26/16			<u>Georgia Tech</u>
					Hour	\$16.00	Instrument Services
					Hour	\$0	Personal Services
							<u>Affiliates and Industry Partners</u>
					Hour	\$22.00	Instrument Services
					Hour	\$0	Personal Services
							<u>Industry</u>
Hour	\$104	Instrument Services					
Hour	\$178	Personal Services					
35.	Vacuum Test Facility	AE	2/24/16	9/28/16	Day	\$621	Main Chamber Set Up
					Day	\$1,605	Main Chamber Usage
					Day	\$621	Small Chamber Set Up
					Day	\$1,605	Small Chamber Usage
37.	Stem Cell Engineering Center	BME	5/9/13	10/14/13			<u>McDevitt Lab</u>
					Sample	\$0	Nova BioProfile FLEX
					Hour	\$0	Accuri Cytometer
							<u>Academic</u>
					Sample	\$5	Nova BioProfile FLEX
					Hour	\$6	Accuri Cytometer
							<u>Industry</u>
					Sample	\$25	Nova BioProfile FLEX
Hour	\$17	Accuri Cytometer					

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			Study	Validation	Basis	Amount	Service
			Date	Date			
38.	Genome Analysis	IBB	12/15/15	9/26/16			<u>Internal (Georgia Tech)</u>
					Hour	\$46	Personal Services
					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	SuperScript CDNA
					Unit	\$2	Nano Drop
					Unit	\$129	ddPCR
					Unit	\$0	Nucleofector
							<u>Affiliates and Industry Partners</u>
					Hour	\$46	Personal Services
					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	SuperScript CDNA
					Unit	\$3	Nano Drop
					Unit	\$181	ddPCR
					Unit	\$259	Nucleofector

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			Study	Validation	Basis	Amount	Service
			Date	Date			
							<u>External (Industry)</u>
					Hour	\$46	Personal Services
					Unit	\$1,729	96.96 Gene Expression
					Unit	\$1,194	96.96 Genotyping
					Unit	\$82	96.96 Pre-Amp
					Unit	\$862	48.48 Gene Expression
					Unit	\$775	48.48 Genotyping
					Unit	\$82	48.48 Pre-Amp
					Unit	\$866	48.48 Taqman Gene Expression
					Unit	\$1,089	12 X 12 Chip
					Unit	\$106	Nano Bioanalyzer
					Unit	\$109	Pico Bioanalyzer
					Unit	\$5	High Capacity cDNA
					Unit	\$11	SuperScript CDNA
					Unit	\$9	Nano Drop
					Unit	\$516	ddPCR
					Unit	\$741	Nucleofector
39.	Signal Processing and Mobile Networks Lab	ECE	3/29/12	11/3/15			<u>ECE Users</u>
					Hour	\$0	Signal Processing
							<u>Other Users</u>
					Hour	\$ 11.46	Signal Processing
40.	Digital Fabrication Lab	COD	6/5/13	9/27/16			<u>DFL Lab</u>
					Hour	\$0	Personal Services
					Hour	\$0	Machine Services
					Hour	\$45	DFL Waterjet
							<u>Internal (Georgia Tech)</u>
					Hour	\$25	Personal Services
					Hour	\$30	Machine Services
					Hour	\$45	DFL Waterjet
							<u>Industry</u>
					Hour	\$25	Personal Services
					Hour	\$100	Machine Services
					Hour	\$100	DFL Waterjet

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			Date	Date	Basis	Amount	Service
41.	Cryo-EM Center	Biology	8/16/12	10/21/15	Session	\$200	<u>Georgia Tech</u> TEM Training
					Session	\$400	Cryo-EM Training
					Hour	\$25	TEM
					Hour	\$45	Cryo-EM
							<u>External Users</u>
					Session	\$200	TEM Training
					Session	\$400	Cryo-EM Training
					Hour	\$40	TEM
					Hour	\$65	Cryo-EM
							<u>Industrial</u>
					Session	\$775	TEM Training
					Session	\$2,026	Cryo-EM Training
					Hour	\$70	TEM
Hour	\$108	Cryo-EM					
42.	Center for Polymer & Fiber Processing	MSE	9/21/12	9/30/16	Hour	\$120	Machine Services
43.	Invention Studio Center	ME	1/3/13	10/20/16	Cubic Inch	\$28	Uprint 3D Printer
					Cubic Inch	\$17	Dimension 3D Printer
					Cubic Inch	\$27	Eden 3D Printer
44.	Advanced Semiconductor Development Center	ECE	3/22/13	11/3/15	Hour	\$78	Machine Services
45.	Alternative Media Access Center	CoA	7/17/13	9/30/16	Hour	\$450	Consultation
46.	Biomechanics Center	IBB	11/1/13	9/26/16			<u>GT Investigators</u>
					Hour	\$53	Personal Services
					Hour	\$16	Machine Services
							<u>Other Academic & Industry Partners</u>
					Hour	\$53	Personal Services
					Hour	\$24	Machine Services
							<u>Other Industry</u>
Hour	\$53	Personal Services					
Hour	\$32	Machine Services					

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			Study	Validation	Basis	Amount	Service
			Date	Date			
47.	High Performace Computing (HPC)	OIT	12/11/15	9/15/15			<u>External</u>
					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	\$0.0119	48 Core Node
					CPU Hour	\$0.0089	64 Core Node
48.	Mesoscale Materials Characterization	ME	4/2/14	10/5/16			<u>Educational Institutions</u>
					Hour	\$35	SEM
					Hour	\$45	SEM + EBSD
							<u>Industrial</u>
					Hour	\$42	SEM
					Hour	\$62	SEM + EBSD
49.	Carbon Fiber Research Center	MSE	3/18/14	9/30/16			
					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

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			Study	Validation	Basis	Amount	Service
			Date	Date			
50.	Machine Shop	AE	5/12/14	9/29/16			<u>Educational Institutions</u>
					Hour	\$55	Personal Services
					Hour	\$0	Machine Services
					Hour	\$55	Combined Rate
							<u>Industrial</u>
					Hour	\$65	Personal Services
					Hour	\$3	Machine Services
					Hour	\$68	Combined Rate
51.	GTMI Prototype Lab	GTMI	6/2/14	1/30/17			<u>GT & IPP Members</u>
					Hour	\$35	Personal Services
					Hour	\$60	GF Agie Charmilles
					Hour	\$60	Bridgeport GX CNC Milling
					Hour	\$60	Okuma Genos Lathe
					Hour	\$125	Optomec Aerosol 3D
					Cubic In.	\$11	Statasys Connex 3D
					Cubic In.	\$16	Stratasys MOJO
							<u>Industrial</u>
					Hour	\$35	Personal Services
					Hour	\$130	GF Agie Charmilles
					Hour	\$120	Bridgeport GX CNC Milling
					Hour	\$120	Okuma Genos Lathe
					Hour	\$156	Optomec Aerosol 3D
					Cubic In.	\$11	Statasys Connex 3D
					Cubic In.	\$16	Stratasys MOJO

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			Study	Validation	Basis	Amount	Service
			Date	Date			
52.	Cellular Analysis Core	IBB	12/15/16	9/28/16			<u>GT Investigators</u>
					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
							<u>Other Academic Investigators & Industry Partners</u>
					Hour	\$36	Personal Services
					Hour	\$18	BD FACS ARIA IIIu Analyser
					Hour	\$75	BD FACS ARIA IIIu Sorter
					Hour	\$18	BD LSR II or BD Fortessa
					Hour	\$18	BD Accuri Analyzer
					Hour	\$20	AMBR Microbioreactor
					Hour	\$15	Li-COR
					Hour	\$18	Multisizer
					Hour	\$14	Amnis Flowsight
							<u>Industry</u>
					Hour	\$46	Personal Services
					Hour	\$130	BD FACS ARIA IIIu Analyser
					Hour	\$130	BD FACS ARIA IIIu Sorter
					Hour	\$31	BD LSR II or BD Fortessa
					Hour	\$20	BD Accuri Analyzer
					Hour	\$25	AMBR Microbioreactor
					Hour	\$21	Li-COR
					Hour	\$27	Multisizer
					Hour	\$16	Amnis Flowsight

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			Study	Validation	Basis	Amount	Service
			Date	Date			
53.	Poster Printer	BME	11/18/14	9/16/16			<u>Internal</u>
					Gram	\$0.70	Printer Toner
					Linear Ft.	\$2.47	24lb Bond 36" Paper
					Linear Ft.	\$2.50	24lb Bond 42" Paper
					Linear Ft.	\$4.04	Tyvek 36" Paper
					Linear Ft.	\$4.33	Tyvek 42" Paper
					Linear Ft.	\$3.78	24lb Adhesive Bond 36" Paper
					Linear Ft.	\$3.87	Photo 36" Paper
					Linear Ft.	\$4.08	Photo 42" Paper
							<u>Same Day Service</u>
					Gram	\$0.88	Printer Toner
					Linear Ft.	\$3.09	24lb Bond 36" Paper
					Linear Ft.	\$3.12	24lb Bond 42" Paper
					Linear Ft.	\$5.05	Tyvek 36" Paper
					Linear Ft.	\$5.41	Tyvek 42" Paper
					Linear Ft.	\$4.73	24lb Adhesive Bond 36" Paper
					Linear Ft.	\$4.84	Photo 36" Paper
					Linear Ft.	\$5.10	Photo 42" Paper
54.	XRD Center	MSE	2/23/15	9/30/16			<u>Educational Institutions</u>
							Tier Structure where total rates decline per group for each machine as usage increases
							Tier 1 (1st 0-150 Hours / Machine)
					Hour	\$34.00	Personal Services
					Hour	\$17.00	X-Ray Services
							Tier 2 (1st 151-300 Hours / Machine)
					Hour	\$17.00	Personal Services
					Hour	\$8.50	X-Ray Services
							Tier 3 (1st 301-450 Hours / Machine)
					Hour	\$8.50	Personal Services
					Hour	\$4.25	X-Ray Services
							Tier 4 (1st 451+ Hours / Machine)
					Hour	\$3.40	Personal Services
					Hour	\$1.70	X-Ray Services
		MSE	2/23/15	9/18/15			<u>Industrial</u>
					Hour	\$53.00	Personal Services
					Hour	\$41.00	X-Ray Services

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			Date	Date	Basis	Amount	Service
55.	Neuro Design Suite	IBB	5/11/15	11/20/17	Hour	\$85.00	<u>GA Tech</u> Machine Service
					Hour	\$100.00	<u>Other Academic</u> Machine Service
					Hour	\$125.00	<u>Industrial</u> Machine Service
56.	Materials Analysis Center	IEN	6/4/15	10/5/16	Hour	\$118.00	<u>Educational Institutions</u> Testing Services
					Hour	\$34.00	Equipment Use
					Hour	\$118.00	<u>Industrial</u> Testing Services
					Hour	\$34.00	Equipment Use
57.	Precision Services Lab	ME	9/28/15	10/5/16	Hour	\$193.00	<u>Educational Institutions</u> CT Scanner
					Hour	\$171.00	Equipment Use
					Hour	\$193.00	<u>Industrial</u> CT Scanner
					Hour	\$171.00	Equipment Use

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			Study	Validation	Basis	Amount	Service
			Date	Date			
58.	High Throughput DNA Sequencing Core	IBB	3/17/15	10/5/16			<u>Educational Institutions</u>
					Hour	\$86	Personal Services
					Module	\$1,245	Rapid Run w/out Reagents
					Module	\$4,465	Rapid Run 2*100 BP
					Module	\$2,013	Rapid Run 1*50 BP
					Module	\$6,741	Rapid Run 2*150 BP
					Module	\$7,992	Rapid Run 2*250 BP
					Lane	\$1,765	High Output
					Sample	\$74	TruSeq DNA
					Sample	\$103	Nextera DNA
					Sample	\$65	Nextera XT
					Sample	\$100	TruSeq RNA
					Sample	\$131	Nextera Rapid Capture
					Kit	\$465	Separate Samples Kit
					Sample	\$10	Nextera Library Quantification
					Sample	\$27	TruSeq Library Quantification
							<u>Industrial</u>
					Hour	\$86	Personal Services
					Module	\$1,346	Rapid Run w/out Reagents
					Module	\$4,566	Rapid Run 2*100 BP
					Module	\$2,063	Rapid Run 1*50 BP
					Module	\$6,942	Rapid Run 2*150 BP
					Module	\$8,243	Rapid Run 2*250 BP
					Lane	\$3,601	High Output
					Sample	\$74	TruSeq DNA
					Sample	\$103	Nextera DNA
					Sample	\$65	Nextera XT
					Sample	\$100	TruSeq RNA
					Sample	\$131	Nextera Rapid Capture
					Kit	\$465	Separate Samples Kit
					Sample	\$10	Nextera Library Quantification
					Sample	\$27	TruSeq Library Quantification

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			Study	Validation	Basis	Amount	Service
			Date	Date			
59.	Heat Lab	ME	3/1/16		Hour	\$19	<u>Internal / Educational Institutions:</u> High Cost Equipment Usage
					Hour	\$9	Low Cost Equipment Usage
					Hour	\$23	Measurement Service
							<u>External / Industrial:</u>
					Hour	\$19	High Cost Equipment Usage
					Hour	\$9	Low Cost Equipment Usage
					Hour	\$23	Measurement Service
							<u>Internal / Other Georgia Tech Departments:</u>
							Underwater Acoustic Measurements
60.	Acoustics Water Tank Lab	ME	5/2/16		Hour	\$61	<u>External / Other Educations Institutions:</u> Underwater Acoustic Measurements
					Hour	\$70	Underwater Acoustic Measurements
					Hour	\$88	<u>External /Corporate:</u> Underwater Acoustic Measurements
61.	Mechanical Properties Characterization Facility	IMaT	6/1/16		Hour	\$50	<u>Internal / Other Georgia Tech Departments:</u> 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
							<u>External /Industry:</u>
					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		Per Analysis	\$300	Full Service Structure Analysis
					Per Hour	\$75	Personnel Assistance
					Per Hour	\$25	Instrument Services

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			Study	Validation	Basis	Amount	Service
			Date	Date			
63.	Systems Mass Spectrometry Center	IBB	11/9/16				<u>GT & External Educational Institutes:</u> Per Sample \$20 Sample Preparation - Proteomics Per Sample \$80 LC-MS/MS Analysis - Proteomics Per Sample \$8 Data Analysis - Proteomics Per Sample \$6 Sample Preparation - Metabolomics Per Sample \$35 LC-MS/MS Analysis - Metabolomics Per Sample \$10 Data Analysis - Metabolomics Per Sample \$30 Additional Data Processing <u>GT Industry Partners:</u> Per Sample \$40 Sample Preparation - Proteomics Per Sample \$155 LC-MS/MS Analysis - Proteomics Per Sample \$20 Data Analysis - Proteomics Per Sample \$10 Sample Preparation - Metabolomics Per Sample \$50 LC-MS/MS Analysis - Metabolomics Per Sample \$14 Data Analysis - Metabolomics Per Sample \$40 Additional Data Processing <u>Industry:</u> Per Sample \$104 Sample Preparation - Proteomics Per Sample \$155 LC-MS/MS Analysis - Proteomics Per Sample \$45 Data Analysis - Proteomics Per Sample \$53 Sample Preparation - Metabolomics Per Sample \$59 LC-MS/MS Analysis - Metabolomics Per Sample \$18 Data Analysis - Metabolomics Per Sample \$101 Additional Data Processing
64.	Radiological Science & Engineering Lab	ME	7/17/12	10/5/16			<u>Faculty Usage</u> Hour \$144 Varian Hour \$35 Facility Usage Fee Hour \$80 Training Lab <u>Industry</u> Hour \$500 Varian Hour \$65 Facility Usage Fee Hour \$128 Training Lab
65.	GVU Prototyping Lab	SoIC	3/1/17				<u>Educational Institutions</u> 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

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

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

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			Study	Validation	Basis	Amount	Service
			Date	Date			
							<u>External (Industry)</u>
				IBB, EBB	Hour	\$45	Personal Services (Training), per hour
				IBB	Hour	\$11	BioTek Synergy H4 Multimode Plate Reader
				IBB	Hour	\$7	QuantStudio 6 Flex rtPCR
				IBB	Hour	\$8	Applied Biosystems StepOne Plus rtPCR#2
				IBB	Hour	\$100	Arcturus XT Laser Capture Microdissection System
				IBB	Hour	\$5	AMAXA Electroporation Device
				IBB	Hour	\$15	Amersham RGB 600 Imager
				IBB	Hour	\$15	Optima XPN Ultracentrifuge
				IBB	Hour	\$10	Allegra benchtop centrifuge
				IBB	Hour	\$10	Microcentrifuge
				IBB	Hour	\$40	FAST prep 24 homogenizer
				IBB	Hour	\$13	High performance centrifuge
				IBB	Hour	\$20	GE FLA 9500
				IBB	Flask	\$20	Freeze-zone Freeze Dry System
				IBB	Hour	\$15	LI-COR imager
				EBB	Hour	\$22	AP Chirascan-Plus
				EBB	Hour	\$11	BioTek Synergy H4 (short)
				EBB	Day	\$65	BioTek Synergy H4 (long)
				EBB	Hour	\$8	GE AKTA Pure 25
				EBB	Hour	\$10	GE Ultrospec 2100 Pro
				EBB	Hour	\$40	Olis RSM1000
				EBB	Hour	\$9	Shimadzu Prominence
				EBB	Per Session	\$130	Shimadzu Prominence
				EBB	Hour	\$20	Stratagene Mx3005P
				EBB	Hour	\$20	Wyatt DynaPro NanoStar
				EBB	Hour	\$15	Malvern Viscotek SEC-MALS 20
				EBB	Hour	\$29	Malvern Zetasizer Nano Z
				EBB	Hour	\$24	Wyatt Dynapro Plate Reader
				EBB	Hour	\$16	Nano Temper 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

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
7/26/2017

No.	Name of Rate Study	Department	Rate	Annual	Rates		
			Study	Validation	Basis	Amount	Service
			Date	Date			
67.	IDEAS: MD3	IM	7/1/17				<u>Internal & Federal Users</u>
					12 Mths	\$6,105	MATIN Annual (12mth) Support Package
					1 Month	\$733	MATIN Monthly Package
					10 Hours	\$665	Additional Support Package (10 Hrs)
							<u>External</u>
					12 Mths	\$6,105	MATIN Annual (12mth) Support Package
					1 Month	\$733	MATIN Monthly Package
					10 Hours	\$665	Additional Support Package (10 Hrs)
68.	STAMI Polymer and Molecular Characterization Facility	Chem	7/1/17				<u>Internal Trained Users</u>
					Hour	\$5.00	TA Q200
					Hour	\$5.00	Perkin Elmer Pyris I
					Hour	\$5.00	Malvern Viscotek (THF)
					Hour	\$7.00	Tosoh GPC
					Hour	\$5.00	Tosoh GPC (tri-chlorobenzene)
					Hour	\$5.00	Wyatt DynaPro NanoStar DLS
					Hour	\$5.00	Horiba Jobin Yvon Fluorimeter FL-1005
					Hour	\$5.00	Horiba Jobin Yvon Fluorimeter FL3-21
					Hour	\$5.00	Shimadzu IR Prestige 21
					Hour	\$5.00	Cary 5000
					Hour	\$6.00	Aligent 7890a & 5975C
					Hour	\$8.00	Agilent 6120BMS, 1260 LC
					Hour	\$5.00	Contact Angle Goniometer

Georgia Institute of Technology
 Grants and Contracts Accounting
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 7/26/2017

No.	Name of Rate Study	Department	Rate	Annual	Rates		
			Study	Validation	Basis	Amount	Service
			Date	Date			
							<u>Internal Sample Run & Training</u>
					Hour	\$29.30	TA Q200
					Hour	\$40.00	Perkin Elmer Pyris I
					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 2I
					Hour	\$32.82	Cary 5000
					Hour	\$50.00	Aligent 7890a & 5975C
					Hour	\$60.00	Agilent 6120BMS, 1260 LC
					Hour	\$40.00	Contact Angle Goniometer
							<u>External Users</u>
					Hour	\$29.30	TA Q200
					Hour	\$56.84	Perkin Elmer Pyris I
					Hour	\$58.53	Malvern Viscotek (THF)
					Hour	\$61.24	Tosoh GPC
					Hour	\$89.48	Tosoh GPC (tri-chlorobenzene)
					Hour	\$106.92	Wyatt DynaPro NanoStar DLS
					Hour	\$35.97	Horiba Jobin Yvon Fluorimeter FL-1005
					Hour	\$35.44	Horiba Jobin Yvon Fluorimeter FL3-21
					Hour	\$35.62	Shimadzu IR Prestige 2I
					Hour	\$32.82	Cary 5000
					Hour	\$79.91	Aligent 7890a & 5975C
					Hour	\$127.62	Agilent 6120BMS, 1260 LC
					Hour	\$94.90	Contact Angle Goniometer

No.	Name of Rate Study	Department	Rate	Annual	Rates		
			Study	Validation	Basis	Amount	Service
			Date	Date			
Facility Use Rate							
These are rates established for the infrequent and non-recurring use by external entities of Georgia Tech lab facilities that are unique and not commercially available.							
1.	Multiphoton Lithography	Chemistry	2/14/07		Day	\$107	<u>CORPORATE:</u> Facility Use
4.	Optical Imaging & Sensing Lab	ECE	10/8/08		Hour	\$15	<u>CORPORATE:</u> Facility Use
6.	Micromachined Sensors & Transducers Lab	ECE	5/21/08		Hour	\$9	<u>CORPORATE:</u> Facility Use
7.	Nano Furnace	ME	2/17/13		Hour	\$20	<u>CORPORATE:</u> Facility Use
8.	MOF Synthesis Lab Facility	CHBE	4/5/13		Hour	\$36	<u>CORPORATE:</u> Personal Services
			4/5/13		Sample	\$50	MOF Synthesis
			4/5/13		Hour	\$8	Additional Analysis
11.	Raman & Photoluminescence Facility	ME	2/17/14		Hour	\$111	<u>CORPORATE:</u> Machine Services
13.	Stable Isotope Facility	EAS	8/25/14		Hour	\$18	<u>Other Academic</u> Machine Service
						\$37	<u>Corporate</u> Machine Service
14.	Microbial Solutions Lab	CHBE	6/30/14		Liters	\$90	<u>OTHER ACADEMIC / CORPORATE:</u> Liquid Cultivations
15.	Center for the Study of Systems Biology	Biology	10/26/15		Computation	\$1,000	<u>CORPORATE:</u> Computational Services