

2019-20 Approved Recharge Rates

Division/Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
Arts Division						
<i>Barn Sign Painting</i>						
	Sign Painting					
	Basic	each	\$235.00			
	Moderate	each	\$265.00			
	Detailed	each	\$300.00			
	Complex	each	\$350.00			
	Extra Character (beyond 80)	each	\$5.00			
	Correction	correction	\$50.00			
Baskin School of Engineering						
<i>Banana Slug Genomics Center</i>						
	Banana Slug Genomics Center					
	tRNA-seq for eukaryotes (max 12M reads)	sample	\$25.00		+ F&A	\$58.00
	mRNA-seq for eukaryotes(max 50M reads)	sample	\$27.00		+ F&A	\$158.00
	Small RNA-seq for eukaryotes(max 25M reads)	sample	\$50.00		+ F&A	\$115.00
	Single-cell RNA-seq for eukaryotes(max 60M reads)	12 samples	\$55.00		+ F&A	\$180.00
	mRNA-seq for prokaryotes(max 50M reads)	samples	\$76.00		+ F&A	\$158.00
	WGS variant analysis for cat genome (30X coverage)	sample	\$540.00		+ F&A	\$2,000.00
	Microbial UCSC genome browser per genome assembly	each	\$380.00		+ F&A	\$1,250.00
	Analysis result data storage per T/month	month	\$36.00		+ F&A	\$79.00
	Custom data analysis	hour	\$94.00		+ F&A	\$243.00
	<i>Baskin Engineering Lab Support (BELS)</i>					
	Laptop Rental Daily	day	\$2.00			
	Laptop Rental Quarterly	quarter	\$75.00			
	Electronic Test Equipment Rental					
	Arbitrary Function Generator	day	\$0.67			
	DC Power Supply, Triple Output	day	\$0.63			
	Digital 500MHz Oscilloscope, 2 Channel	day	\$2.82			
	Digital 500MHz Oscilloscope, 4 Channel	day	\$4.92			

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Division/Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	Digital Multimeter	day	\$0.55			
	Portable Multifunction I/O Kit Rental Fee	each/quarter	\$30.00			
	Portable Multifunction I/O Accessory Kit Rental Fee	each/quarter	\$10.00			
	RF Network Analyzer	day	\$7.31			
	RF Spectrum Analyzer	day	\$10.09			
	Soldering Station - Surface Mount	day	\$2.00			
	Soldering Station - Hot Air	day	\$2.00			
Lab Use						
	Access	quarter	\$57.00		\$162.00	
	Bench (min)	day	\$32.00			
	Full Lab	hour	\$60.00		\$182.00	
	Full Lab (min)	day	\$360.00		\$1,092.00	
Poster Printing						
	Regular	each	\$35.00			
	Rush - Less than 1 day	each	\$57.00			
	Rush - Less than 2 days	each	\$22.00			
	Rush - Less than 4 days	each	\$11.00			
Services						
	Engineer - CAD Design	hour	\$64.00		\$97.00	
	Engineer - Electronic	hour	\$75.00		\$113.00	
	Technician - Electronic	hour	\$60.00		\$91.00	
	Student Engineer	hour	\$16.00		\$25.00	
	3D Printer Set up	each	\$10.00			
	Merchandise Sold	each	cost +15%MU			
	Sold Merchandis Material - Average Packet	each	\$20.00			
	Lab Locker Rental Fee	quarter	\$5.50			
	BELS Stockroom Account Fee	quarter	\$5.00			
	BELS Equipment Checkout/Rental Fee	quarter	\$22.00			
	BELS Equipment Checkout Late Return - 5 days grace		\$30+\$1/day			
	Equipment Damage Breakage - actual cost		up to \$1,000			
	Software Account Setup	each	\$5.00			

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Division/Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	Student Owned Computer Configuration	hour	\$40.00			
	Temporary Network Tap	tap	\$20.00			
	Black and White printing	page	\$0.12			
	Color printing	page	\$0.35			
	Microcontroller Kit Rental	quarter	\$30.00			
	Microcontroller Kit Purchase		cost + 15%			
	Machine Shop Training	each	\$519.00			
	Machine Shop Assistance	hour	\$86.50			
	Machine Shop Use	hour	\$12.50			
	FPGA Kit	each	\$30.00			
	BME Teaching Lab Materials	each	cost + 15%			
<i>BSoE Computing Services</i>						
	Custom Support					
	Engineering	hour	\$100.00			
	Project Disk Space					
	Hosted File System	GB/year	\$0.18			
	Server Hosting Rack Unit					
	w/o UPS	year	\$40.00			
<i>Flow Cytometry Facility</i>						
	FACS Aria	hour	\$38.50		\$143.00	\$250.00
	LSRII	hour	\$27.50		\$72.00	\$125.00
	Technical Assistance	hour	\$35.00		\$137.00	\$243.75
<i>Genomics Project Support</i>						
	Genomics Grant Project Post-Award	hour	\$76.16			
	Genomics Grant Project Pre-Award	hour	\$76.16			
	Genomics Evetns Support	hour	\$62.65			
	Genomics Facilities/Operations Support	hour	\$62.65			
	Genomics Communications Support	hour	\$65.83			
	Genomics Project Undergraduate Assistant	hour	\$18.05			
	Genomics IT Consulting per hour	hour	\$105.19			

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Division/Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	Genomics Systems Administration per user	month	\$32.43			
	Genomics Data Storage per TB	month	\$13.13			
	<i>Keck Center for Nanoscale Optofluidics</i>					
	FIB	hour	\$45.00			\$180.00
	SEM	hour	\$30.00			\$168.00
	<i>Tissue Culture</i>					
	Equipment Use	week per shelf	\$45.00		\$125.00	
	New User Training	each	\$200.00		\$308.00	
Business & Administration Services						
CHES						
<i>Conference Services</i>						
<i>Ticketing Services</i>						
	Ticketing Personnel	hour		\$46.35		
	Vendor Ticket Service Fee	ticket		\$0.50		
	Ticket Office Service Fee	ticket		\$0.50		
	Credit Card Convenience Fee (pass thru)	ticket		4%MU		
Environmental Health and Safety						
<i>Building Operations Project Review</i>						
	Project Review	hour	\$87.29			
<i>Radiation Safety Instrument Calibration</i>						
	Instrument Calibration	hour	\$64.20			
Internal Audit and Advisory Services						
<i>Internal Audit</i>						
	Audit/Advisory Investigative Services	hour		\$138.00		
PPDO Design and Construction						
<i>Physical Planning & Construction Services</i>						
	Inspector	hour	\$105.00			
	Project Manager - Associate	hour	\$112.00			
	Project Manager - Senior	hour	\$137.00			
	Surcharge on Consultant Project Managers	hour	\$24.00			

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Division/Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
Physical Plant						
<i>Campus Mail Services</i>						
	Bulk Mail					
	Labor	hour		\$46.20		
	Mail Stop					
	Tier 1 (0-6.25 MLF)	month		\$96.00		
	Tier 2 (6.26-12.50 MLF)	month		\$168.00		
	Tier 3 (12.51-18.75 MLF)	month		\$264.00		
	Tier 4 (18.76-25.00 MLF)	month		\$396.00		
	Tier 5 (>25.01 MLF)	month		\$1,200.00		
	Services					
	Campus Envelopes	month		7% of mail stop fee		
	Mail Code Account Fee	month		\$7.20		
	Mail Service (US Postage)	each		26%MU		
	Mail Service - Expedited	each		26%MU		
	Mail Stop Second Delivery	each		\$7.20		
	Non-Standard Mail Delivery and AM Priority Mail Delivery					
	<5 lbs	each		\$1.50		
	6-15 lbs	each		\$2.50		
	16-25 lbs	each		\$3.50		
	26-35 lbs	each		\$4.50		
	36-45 lbs	each		\$5.50		
	46-55 lbs	each		\$6.50		
	>56 lbs	each		\$7.50		
	On Campus Distributions					
	General (285pc) \$10 base + 0.01/ea	each		\$12.85		
	Faculty (885pc) \$10 base + 0.01/ea	each		\$18.85		
	Staff (2,325pc) \$10 base + 0.01/ea	each		\$33.25		
	Faculty & Staff (3,210pc) \$10 base + 0.01/ea	each		\$42.10		
	Tabloid Distribution					
	General (285pc) \$15 base + 0.01/ea	each		\$17.85		

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			Federal Rate	Non-Federal Rate	External Rate	External Profit
	Faculty (885pc) \$15 base + 0.01/ea	each		\$23.85		
	Staff (2,325pc) \$15 base + 0.01/ea	each		\$38.25		
	Faculty & Staff (3,210pc) \$15 base + 0.01/ea	each		\$47.10		
	<i>Copier Program & Printing Services</i>					
	Copier Program					
	Account Lock Out	each	\$25.00			
	Copies - Black - Cash	copy	\$0.15			
	Copies - Black - Debit	copy	\$0.08			
	Copies - Black - Recharge	copy	\$0.06			
	Copies - Color - Recharge	copy	\$0.18			
	Digital Copy Express Services					
	Copies - Black	copy	\$0.06-.17			
	Copies - Color	copy	\$0.39-1.00			
	Printing Services					
	Course Readers (Professor Publishing)	page	\$0.069			
	<i>Custodial Services</i>					
	Custodial Services	hour		\$56.91		
	<i>Fleet Services</i>					
	Central Garage					
	Parts Surcharge	each	30%MU			
	Automotive Parts Purchase	each	100.0%			
	Shop Labor - Heavy Duty	hour	\$113.00			
	Shop Labor - Light Duty	hour	\$108.50			
	Wash Station	1/2 hour	\$15.50			
	Sundry Consumables	each	\$5.00			
	Student Attendant	hour	\$14.00			
	Automotive Sublet Work		100%			
	Automotive Sublet Work Surcharge		25%			
	Fees					
	Admin - Auxiliary Vehicles	year	\$66.00			
	Admin - Dept. Vehicles	year	\$528.00			

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Division/Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	Compliance Fee	hour	\$113.00			
	Coordination Fee	each	25%MU			
	Insurance Claim Handling	each	\$50.00			
	Smog Fee	each	\$50.00			
	Fuel					
	Fuel	gallon	Cost			
	CNG - Natural Gas		\$3.19			
	Surcharge	gallon	\$0.32	+ 2% of invoice		
	Voyager Card Fee	each	\$6.00			
	Voyager Off-Site Fuel	each	100%			
	Leased Vehicles					
	Admin Fee	year	\$528.00			
	Depreciation	year	Cost			
	Insurance	year	Cost			
	Rental Vehicles					
	4 Passenger Sedan	day	\$45.00			
	4 Passenger Sedan	month	\$650.00			
	12 Passenger Van	day	\$85.00			
	12 Passenger Van	month	\$1,000.00			
	Cargo Van	day	\$60.00			
	Cargo Van	month	\$700.00			
	Grounds Tier					
	Grounds Tier I	hour		\$87.14		
	Grounds Tier II	hour		\$67.47		
	Student Rate	hour		\$17.00		
	Key Charges					
	Keys					
	Primas	each	\$13.48			
	Regular	each	\$10.64			
	Livescan Fingerprinting					

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			Federal Rate	Non-Federal Rate	External Rate	External Profit
	DOJ Charges	each	\$32.00			
	FBI Charge	each	\$17.00			
	Fingerprint Fee	set	\$30.00			
	<i>Moving & Surplus Services</i>					
	Equipment Rental					
	Flag Sets (Fed, CA, UC)	set	\$5.00			
	Folding Tables	each	\$7.50			
	Folding Tables - Customer Pick Up & Return	each	\$5.00			
	Labor - Additional Person	hour	\$45.00			
	Labor - One Person, Including Van	hour	\$65.00			
	Lecterns With or Without University Seal	day	\$10.00			
	Plastic Folding Chairs	each	\$0.80			
	Plastic Folding Chairs - Customer Pick Up & Return	each	\$0.55			
	Portable Coat Racks	month	\$5.00			
	Poster Display Board	each	\$15.00			
	Stanchions With Ropes	order	\$15.00			
	Moving Services					
	Additional Person	hour	\$45.00			
	One Person, Including Van	hour	\$65.00			
	Two persons, including van	hour	\$110.00			
	Surplus Sales					
	Up to \$100	sale	100% of Sales			
	\$101 to \$1,000	sale	50% of Sales			
	\$1,001 to \$5000	sale	25% of Sales			
	over \$5,000	sale	Negotiable			
	<i>Refuse/Recycling Services</i>					
	Refuse					
	Refuse/Recycling Service	pound		\$0.367		
	Bulk Compost	pound		\$0.071		
	Roll-Off Box					
	20 Yard Container/3.0 tons	week		\$466.53		

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			Federal Rate	Non-Federal Rate	External Rate	External Profit
	30 Yard Container/4.5 tons	week		\$638.04		
	40 Yard Container/4.5 tons	week		\$775.26		
	<i>Skilled Crafts Tiers</i>					
	Skilled Crafts Tier I	hour		\$111.88		
	Skilled Crafts Tier II	hour		\$100.54		
	Skilled Crafts Tier III	hour		\$81.22		
	Student Labor	hour		\$17.00		
	<i>Work Management</i>					
	Construction Project Management Services	hour		\$109.20		
	Analyst	hour		\$68.25		
	Student	hour		\$20.00		
	Student Business Services					
	<i>Payment Card Merchant Fees</i>					
	Standard Support Services					
	PCI-DSS SAQ-type A Merchants	fixed		\$1,838.00		
	PCI-DSS SAQ-type Bor P2PE Merchants	fixed		\$2,246.00		
	Fully outsourced processing service merchants	fixed		\$410.00		
	Extended Support Services	hour		\$51.00		
	Transportation and Parking					
	<i>Charter Services</i>					
	Driver	hour		\$57.00		
	Vehicle	hour		\$46.00		
	<i>Grant Writing</i>					
	Grant Writing	hour		\$96.47		
	Copying, binding, Zip Drive			cost		
	University Police					
	<i>Parking</i>					
	Parking Admin Fee	hour		\$18.00		
	Parking Officer	hour		\$43.97		
	Lead Parking Officer	hour		\$57.16		
	<i>Police</i>					

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Division/Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	Police Officer	hour		\$87.12		
	Police Sergeant	hour		\$127.02		
Information Technology Services						
<i>800 MHz Radio Service</i>						
	Backbone Radio Service	year		\$212.00		
	Radio Programming	hour		\$64.00		
	Radio Rental	day		\$5.00		
	Setup Charge	rental		\$15.00		
<i>Data Center</i>						
	Backups	GB		\$1.35		
	Load Balancers	VIPS		Cost		
	Managed Services	hour		\$53.00		
	VM Storage (See below)	GB				
		VM Storage Standard	GB	\$1.22		
		VM Storage Performance	GB	\$4.08		
	VM Base (1 CPU & 1GB RAM)	year		\$660.00		
	VM Incremental (additional CPU and/or GB RAM)	year		\$72.00		
<i>Media Services</i>						
<i>Labor</i>						
	Classroom & Special Events Labor Rate	hour		\$74.00		2 X Base
	Media Installation and Maintenance Labor Rate	hour		\$72.00		2 X Base
	Media System Design and Software Dev Rate	hour		\$101.00		2 X Base
	Faculty Instructional Tech Consulting Labor	hour		\$85.00		2 X Base
	Faculty Instructional Tech Consulting Proj. Mgmt	hour		\$97.00		2 X Base
	Student Labor	hour		\$19.00		2 X Base
<i>Video Production Services</i>						
	Camera, High-End	hour		\$20.00		2 X Base
	Video Shoot, CamCorder (2hr min.)	hour		\$15.00		2 X Base

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Division/Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	Misc Cables & Supplies	each		Cost	2 X Base	
	Webcasting Equipment	hour		\$50.00	2 X Base	
	Video Light Kit	hour		\$10.00	2 X Base	
	Video Conference Cancellation Fee	each		\$40.00	2 X Base	
	Video Conference Line Use	hour		\$40.00	2 X Base	
	Web Archiving					
	Web Archiving (per 1-hour video)	Annual		\$80.00	2 X Base	
	Video Post Production & Services					
	Duplication, Video (materials not included)	hour		\$8.00	2 X Base	
	Duplication, Video (short notice) (materials not included)	hour		\$12.00	2 X Base	
	Editing, Non-linear, Digital (w/staff)	hour		\$78.00	2 X Base	
	Music, Production	cut		\$10.00	2 X Base	
	Recording, Off Air	hour		\$16.00	2 X Base	
	Standards Conversion (materials not included)	hour		\$26.00	2 X Base	
	Standards Conversion (short notice) (materials not included)	hour		\$32.00	2 X Base	
	Satellite Downlink	quote by staff		quote by staff	2 X Base	
	Videoconferencing (IP Transmission)	hour		\$40.00	2 X Base	
	Videoconferencing Cancellation Fee (flat fee)	hour		\$40.00	2 X Base	
	ISDN Audio Connection Production Services					
	ISDN Audio Connection Production	hourly		\$40.00	2 X Base	
	Audio Equipment Rental					
	Assistive Listening Device	day		\$6.00	2 X Base	
	Audio Player/Recorder (CD)	day		\$9.00	2 X Base	
	Conferencing System, Telephone	day		\$25.00	2 X Base	
	Speaker	day		\$15.00	2 X Base	
	Microphone	day		\$11.00	2 X Base	
	Microphone, Wireless	day		\$21.00	2 X Base	

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Division/Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	Mixer, Audio	day		\$20.00	2 X Base	
	Phonograph	day		\$5.00	2 X Base	
	Sound System, Small Event	day		\$69.00	2 X Base	
	Sound System, Large Event	day		\$95.00	2 X Base	
	Sound System, Handheld	day		\$15.00	2 X Base	
	Transcribing Unit	day		\$9.00	2 X Base	
	Digital Audio Player/Recorder	day		\$15.00	2 X Base	
	Visual Equipment Rental					
	Video Camcorder	day		\$30.00	2 X Base	
	Digital Camera, still	day		\$15.00	2 X Base	
	Digital SLR Camera, still	day		\$30.00	2 X Base	
	Camera, 35mm	day		\$10.00	2 X Base	
	Easel (does not include easel pads)	day		\$5.00	2 X Base	
	Laser Disc Player	day		\$21.00	2 X Base	
	Pointer, Laser	day		\$10.00	2 X Base	
	Projector, 16mm Film	day		\$21.00	2 X Base	
	Projector, 35mm Slide	day		\$21.00	2 X Base	
	Document Camera	day		\$15.00	2 X Base	
	Projector, Overhead	day		\$21.00	2 X Base	
	Screen Portable	day		\$15.00	2 X Base	
	Screen, Fast Fold (6' x 8')	day		\$35.00	2 X Base	
	Slide, Radio Remote	day		\$15.00	2 X Base	
	Tripod	day		\$15.00	2 X Base	
	VCR & Monitor 10" (VHS)	day		\$20.00	2 X Base	
	Video Player/Recorder (DVD, VHS)	day		\$15.00	2 X Base	
	Vidor Player/Recorder, Foreign Staddard (DVD, VHS)	day		\$35.00	2 X Base	
	Classroom Lecture Halls					
	Audio Player/Recorder (CD)	day		\$9.00	2 X Base	
	Computers, Installed	day		\$75.00	2 X Base	

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Division/Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	Document Camera	day		\$21.00	2 X Base	
	Projector, Film, 16mm	day		\$21.00	2 X Base	
	Projector, Film, 35mm	day		\$150.00	2 X Base	
	Projector, Overhead	day		\$21.00	2 X Base	
	Projector, Slide	day		\$21.00	2 X Base	
	Sound System	day		\$36.00	2 X Base	
	Video Player (DVD, VHS)	day		\$15.00	2 X Base	
	Vidor/Data Projector	day		\$110.00	2 X Base	
	Accessories Rental					
	Adapter	day		\$3.00	2 X Base	
	Cable, Microphone	day		\$3.00	2 X Base	
	Cart or Stand	day		\$3.00	2 X Base	
	Headphones	day		\$3.00	2 X Base	
	Microphone Stand	day		\$3.00	2 X Base	
	Scaffolding	day		\$65.00	2 X Base	
	Slide accessories	day		\$3.00	2 X Base	
	Scantron Use	hour		\$10.00	2 X Base	
	Computing					
	DVD Burner	day		\$15.00	2 X Base	
	Computer, Laptop	day		\$53.00	2 X Base	
	Computer Speakers (one pair)	day		\$5.00	2 X Base	
	Monitor, Computer/Video	day		\$20.00	2 X Base	
	Wireless Mouse/Presentation Remote	day		\$8.00	2 X Base	
	Analog to Digital Converter	day		\$9.00	2 X Base	
	Supplies					
	Lamps, Projection	ea		cost	2 X Base	
	Tape, Audio	ea		cost	2 X Base	

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	Tape, Video	ea		cost	2 X Base	
	Other					
	Late Return Charge	day		\$10.00	2 X Base	
	<i>Network & Telephone Services (NTS-MACs)</i>					
	Projects Materials TIU	each	Cost + 1%			
	Billing Passthrough	each	Cost + 5.4%			
	Project Materials	each	Cost + 7.2%			
	Service Order Contract Labor & Equip.	each	Cost + 10.0%			
	<i>Equipment</i>					
	Analog Single Line Telephone (SLW)	each	\$43.00			
	Analog SLD telephone	each	\$45.00			
	Digital Telephone - 14 button (avg)	each	\$263.00			
	Digital Telephone - 24 button (avg)	each	\$386.00			
	Line-to-Line Adaptor	each	\$3.00			
	Modular Line-cord Connector	each	\$3.00			
	Phone Handset Cord - 12ft	each	\$3.00			
	Phone Handset Cord - 25ft	each	\$3.00			
	Phone Line Cord - 7ft	each	\$2.00			
	Phone Line Cord - 14ft	each	\$3.00			
	Phone Line Cord - 25ft	each	\$3.00			
	Y Adaptor Purchase	each	\$2.00			
	VOIP Standard (67371) Equipment	each	\$220.00			
	VOIP Enhance (67391) Equipment	each	\$434.00			
	VOIP Conference (MiVoice 50006580) Equipment	each	\$822.00			
	VOIP Cordless (Base station & handset RFPSL35612D)	each	\$229.00			
	VOIP Cordless (Additional Handsets 612D) Equipment	each	\$225.00			
	Feature Charge Fee (Incl. the following)	each	\$22.00			
	Additional Directory Number					
	ADN Install Change					

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Division/Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	Auth Code Activations					
	Diversion Change					
	Phone Feature Change					
	Pickup Group Change					
	Personal Number Install					
	Unified Messaging Install					
	Voice Mail Change					
	Voice Mail Install					
	Hourly Rates					
	Engineering	hour	\$113.00			
	Tech Hourly	hour	\$90.00			
	Events Package (incl. Labor and Material Kit)	each	\$1,400.00			
	Feature MRC Fee (Incl. the following)		\$24.00			
	Personal Number Number					
	Additional Directory Number					
	Admin Authorization Code Service					
	Auxiliary Number					
	Pilot Number					
	Auto Attendant	year	\$288.00			
	ACD Agent License Annual Maintenance + 10%	year	\$58.00			
	ACD Supervisor License Annual Maintenance + 10%	year	\$72.00			
	ACD SOLIDUS - Agent	year	\$265.00			
	ACD SOLIDUS - Supervisor	year	\$358.00			
	ACD Annual maintenance (Agent & Supv) +10%	year	\$35.00			
	Fiber Lease Strand	strand/year	\$1,340.00			
	Fiber Lease Strand External Customer	strand/year			\$2,680.00	
	Data Move/ADD/Change (Incl. the following)	each	\$93.00			
	Data Activation					
	Data Line Move					

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Division/Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	Field Change 10 to 100MB or 1000 Mb/S					
	Wiring Install	each	\$637.00			
	Wiring Install (2-3)	each	\$1,274.00			
	Analog/Digital Conversion (Incl. the following)		\$115.00			
	Analog to Digital Conversion	line				
	Digital to Analog Conversion	line				
	Digital to Digital Conversion	line				
	ACD Add/Change Agent	each	\$105.00			
	Bridge Disconnect	each	\$90.00			
	Bridge Install	each	\$95.00			
	Software Change	each	\$46.00			
	Telephone Line Install	line	\$127.00			
	Telephone Line Move	line	\$100.00			
	VOIP Activation	line	\$235.00			
	VOIP Move/Add /Change	line	\$122.00			
	Network - External Rates	line			\$150.00	
	Voice - Exteranl Rates	line			\$252.00	
	VOIP On-Going External Rates	line			\$402.00	
	ACD SOLIDUS MiCall Center	one time install	\$175.00			
Physical and Biological Sciences						
Natural Reserves						
<i>Big Creek Reserve</i>						
	Day use per person	day	\$2.00		\$3.25	
	Camping	night	\$10.00		\$16.00	
	Camping Long Term (14+ nights)	night	\$6.00		\$10.00	
	Housing	night	\$36.00		\$56.00	
	Housing Long Term (14+ nights)	night	\$20.00		\$32.00	
Research Laboratories						
<i>Ancient & Degraded DNA Processing Center</i>						
	DNA Extraction					

2019-20 Approved Recharge Rates

Division/Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	First	sample	\$445.00		+ F&A	
	Second - Eleventh	sample	\$86.00		+ F&A	
	NGS Library Prep					
	First	sample	\$423.00		+ F&A	
	Second - Eleventh	sample	\$61.00		+ F&A	
	MiSeq Run					
	50 cycle	run	\$1,370.00		+ F&A	
	150 cycle	run	\$1,465.00		+ F&A	
	300 cycle	run	\$1,612.00		+ F&A	
	500 cycle	run	\$1,745.00		+ F&A	
	600 cycle	run	\$2,118.00		+ F&A	
	Data Parsing & Evaluation Pipeline	hour	\$66.00		+ F&A	
	High Sensitivity DNA Analysis	unit	\$106.00		+ F&A	
	qPCR	run	\$229.00		+ F&A	
	aDNA Library Prep					
	Ancient DNA Capture 1st sample	sample	\$560.00		+ F&A	
	Ancient DNA Capture 2nd to 11th sample	sample	\$165.00		+ F&A	
	Samples Shipping	each	Cost		+ F&A	
	Single-Stranded DNA					
	First (per sample)	sample	\$430.00		+ F&A	
	Second-Eleventh (per sample)	sample	\$126.00		+ F&A	
	NextSeq					
	NextSeq 75 cycle, High Output	run	\$2,590.00		+ F&A	
	NextSeq 150 cycle, High Output	run	\$3,920.00		+ F&A	
	NextSeq 150 cycle, Medium Output	run	\$2,200.00		+ F&A	
	NextSeq 300 cycle, High Output	run	\$5,600.00		+ F&A	
	NextSeq 300 cycle, Medium Output	run	\$2,840.00		+ F&A	
	Complete Sample Evaluation					

2019-20 Approved Recharge Rates

Division/Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	First	sample	\$1,223.00		+ F&A	
	Second-Eleventh	sample	\$374.00		+ F&A	
	Complete DNA Evaluation					
	First	sample	\$883.00		+ F&A	
	Second-Eleventh	sample	\$308.00		+ F&A	
	<i>Field-Emission Scanning Electron Microscopy (FESEM) Lab</i>					
	FESEM Microscope Use	hour	\$35.00		+ F&A	5 X Base
	<i>Chemical Screening Center</i>					
	Assisted					
	Biotek Plate Washer	hour	\$45.00		+ F&A	2 X Base
	Envision Plate Reader	hour	\$45.00		+ F&A	2 X Base
	Image Express Microscope	hour	\$50.00		+ F&A	2 X Base
	Janus Liquid Handler	hour	\$45.00		+ F&A	2 X Base
	PPE Software	hour	\$60.00		+ F&A	2 X Base
	Verispan Liquid Handler	hour	\$45.00		+ F&A	2 X Base
	Wellmate	hour	\$45.00		+ F&A	2 X Base
	Unassisted					
	Biotek Plate Washer	hour	\$35.00		+ F&A	2 X Base
	Envision Plate Reader	hour	\$35.00		+ F&A	2 X Base
	Image Express Microscope	hour	\$35.00		+ F&A	2 X Base
	Janus Liquid Handler	hour	\$35.00		+ F&A	2 X Base
	PPE Software	hour	\$25.00		+ F&A	2 X Base
	Verispan Liquid Handler	hour	\$35.00		+ F&A	2 X Base
	Wellmate	hour	\$35.00		+ F&A	2 X Base
	Assay Development	hour	\$35.00		+ F&A	2 X Base
	Chemical Library	compound	\$0.30		+ F&A	2 X Base
	Data Analysis	hour	\$35.00		+ F&A	2 X Base
	Equipment Set-up	hour	\$35.00		+ F&A	2 X Base
	Coming AB-1056 Plate	plate	\$6.00		+ F&A	2 X Base
	Coming 3359 Plate	plate	\$4.00		+ F&A	2 X Base

2019-20 Approved Recharge Rates

Division/Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	Corning 3370 Plate	plate	\$1.00		+ F&A	2 X Base
	Corning 3570 Plate	plate	\$6.00		+ F&A	2 X Base
	Corning 3712 Plate	plate	\$9.00		+ F&A	2 X Base
	Internal Cell Line	plate	\$5.00		+ F&A	2 X Base
	Pipette Tips	rack	\$7.00		+ F&A	2 X Base
	<i>Electron Microscopy Facility</i>					
	Glacios Use	hour	\$60.00		+ F&A	2 X Base
	Facility Manager Assistance	hour	\$50.00		+ F&A	2 X Base
	<i>CRISPR Core Facility</i>					
	Genome-wider CRISPR screening	screen	\$16,000.00		+ F&A	2 X Base
	Custom gRNA design and cloning	2 guides	\$270.00		+ F&A	2 X Base
	Lentivirus mini	25 ml	\$35.00		+ F&A	2 X Base
	Lentivirus maxi	25 ml	\$125.00		+ F&A	2 X Base
	CRISPR Cell Line	cell line	\$1,300.00		+ F&A	2 X Base
	Technical Assistance	hour	\$94.00		+ F&A	2 X Base
	Custom Project	hour	\$94.00		+ F&A	2 X Base
	<i>Greenhouse</i>					
	Indoor Greenhouse per bench	month	\$15.00		+ F&A	
	Indoor Greenhouse per bench for profit	month	\$255.00		+ F&A	
	Outdoor Greenhouse per bench	month	\$5.00		+ F&A	
	Outdoor Greenhouse per bench for profit	month	\$85.00		+ F&A	
	Growth Chamber	month	\$65.00		+ F&A	
	Incubator	month	\$35.00		+ F&A	
	Cleaning Fee	hour	\$18.00		+ F&A	
	Transplanting	hour	\$18.00		+ F&A	
	Watering (beyond standard care)	hour	\$18.00		+ F&A	
	Materials		cost		+ F&A	
	Delivery Fee plus actual mileage cost	hour	\$57.00		+ F&A	

2019-20 Approved Recharge Rates

Division/Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
<i>Light Microscopy Center</i>						
	Technical Assistance	hour	\$40.00		+ F&A	2 X Base +F&A
	Equipment Use					
	Microscopy Materials	ea	\$1.00		+ F&A	2 X Base +F&A
	JEOL TEM 1230	hr	\$40.00		+ F&A	2 X Base +F&A
	Leica Confocal (SP5)	hour	\$25.00		+ F&A	2 X Base +F&A
	Leica Confocal (SP5)	day	\$400.00		+ F&A	2 X Base +F&A
	Leica Widefield	hour	\$8.00		+ F&A	2 X Base +F&A
	Keyance Widefield	hour	\$8.00		+ F&A	2 X Base +F&A
	Zeiss Axioimager	hour	\$8.00		+ F&A	2 X Base +F&A
	Zeiss Axiozoom	hour	\$8.00		+ F&A	2 X Base +F&A
	Zeiss Live Cell	hour	\$8.00		+ F&A	2 X Base +F&A
	Zeiss Live Cell	day	\$64.00		+ F&A	2 X Base +F&A
	Zeiss 880 Confocal	hour	\$25.00		+ F&A	2 X Base +F&A
	Zeiss 880 Confocal	day	\$400.00		+ F&A	2 X Base +F&A
	2-photon Microscope	hour	\$25.00		+ F&A	2 X Base +F&A
	2-photon Microscope	day	\$150.00		+ F&A	2 X Base +F&A
<i>Light Stable Isotope Mass Spectrometer (SIMS)</i>						
	Assisted rate	sample	\$4.50		+ F&A	2 X Base
	Amino Acid Sample Prep	sample	\$65.00		+ F&A	2 X Base
	Dual Inlet	analysis	\$13.00		+ F&A	2 X Base
	Elemental Analyzer	sample	\$6.00		+ F&A	2 X Base
	Elemental Analyzer - Assisted	analysis	\$10.50		+ F&A	2 X Base
	Elemental Analyzer - Enriched	analysis	\$5.00		+ F&A	2 X Base
	Gas Chromotography	sample	\$45.00		+ F&A	2 X Base
	Gas Chromotography - Assisted	sample	\$100.00		+ F&A	2 X Base
	Gas Chromotography - Training	each	\$180.00		+ F&A	2 X Base
	Gas Chromotography - Full Prep	sample	\$315.00		+ F&A	2 X Base

2019-20 Approved Recharge Rates

Division/Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	Gas Chromotography - Research Independent	week	\$450.00		+ F&A	2 X Base
	Gas Chromotography - Research Supervision	hour	\$33.00		+ F&A	2 X Base
	Sample Weighing	sample	\$2.00		+ F&A	2 X Base
	Liquid Chromotography	sample	\$11.00		+ F&A	2 X Base
	Liquid Chromotography u-EA	analysis	\$6.00		+ F&A	2 X Base
	Liquid Chromotography u-EA Assisted	analysis	\$10.50		+ F&A	2 X Base
	Nanomolar Scale Elemanal Analyzer	sample	\$13.00		+ F&A	2 X Base
	ThermoChemical Elemental Analyzer (TCEA)	analysis	\$11.00		+ F&A	2 X Base
	TCEA - Assisted	analysis	\$15.50		+ F&A	2 X Base
	Auto Solvent Extract					
	Extraction	sample	\$1.25		+ F&A	2 X Base
	Water GFF	sample	\$0.33		+ F&A	2 X Base
	Water N2 Dry	sample	\$10.00		+ F&A	2 X Base
	Gas Bench					
	Carbonate	sample	\$7.00		+ F&A	2 X Base
	N2O Extraction	sample	\$30.00		+ F&A	2 X Base
	Water DIC	sample	\$7.00		+ F&A	2 X Base
	Water HO	sample	\$6.00		+ F&A	2 X Base
	Water N2O	sample	\$7.00		+ F&A	2 X Base
	<i>Macromolecular Structure and Function Core facility (MSFCF)</i>					
	Gryphon / Phoenix Dropsetter	plate	\$25.00		+ F&A	2 X Base
	Gryphon / Phoenix Dropsetter with Screen	plate	\$45.00		+ F&A	2 X Base
	Scorpion Screen Maker	block	\$50.00		+ F&A	2 X Base
	Microval VP-ITC	day	\$50.00		+ F&A	2 X Base
	Jasco CD	hour	\$10.00		+ F&A	2 X Base
	FPLC/Multi-angle Light Scattering	day	\$10.00		+ F&A	2 X Base
	Chromatography column use	day	\$25.00		+ F&A	2 X Base
	Facility Manager Assistance	hour	\$60.00		+ F&A	2 X Base
	Art Robbins Intelliplate	plate	\$8.00		+ F&A	2 X Base
	Crystallization Screen	plate	\$20.00		+ F&A	2 X Base
	Hampton VDX Plate	plate	\$8.00		+ F&A	2 X Base

2019-20 Approved Recharge Rates

Division/Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	Deep Well Block	block	\$3.00		+ F&A	2 X Base
	Axygen 1000 Tips	rack	\$10.00		+ F&A	2 X Base
	Axygen 200 Tips	rack	\$8.00		+ F&A	2 X Base
	Octet Red 96e Instrument Use	half day	\$10.00		+ F&A	2 X Base
	Octet Red 96e tips	each	\$6.00		+ F&A	2 X Base
	<i>Mass Spectrometry Facility</i>					
	Thermo Finnigan (LTQ)					
	Full Service	hour	\$70.00		+ F&A	
	Partial Service	hour	\$40.00		+ F&A	
	Self Service	hour	\$20.00		+ F&A	
	Orbitrap					
	Full Service	hour	\$100.00		+ F&A	
	Partial Service	hour	\$60.00		+ F&A	
	Self Service	hour	\$30.00		+ F&A	
	Protein ID	each	\$100.00		+ F&A	
	<i>Nuclear Magnetic Resonance (NMR) Facility</i>					
	Varian Inova 600 Samples					
	Assisted	hour	\$10.00		+ F&A	\$100.00
	Partially Assisted	hour	\$7.00		+ F&A	
	Unassisted	hour	\$5.00		+ F&A	
	Bruker 500					
	Assisted	hour	\$15.00		+ F&A	\$75.00
	Partially Assisted	hour	\$8.50		+ F&A	
	Unassisted	hour	\$7.50		+ F&A	
	Bruker 800					
	Assisted	hour	\$20.00		+ F&A	\$200.00
	Partially Assisted	hour	\$10.50		+ F&A	
	Unassisted	hour	\$8.50		+ F&A	
	Facility Manager Assistance	hour	\$35.00		+ F&A	
	<i>Plasma Analytical Facility</i>					
	ICPMS					

2019-20 Approved Recharge Rates

Division/Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	Assisted	hour	\$67.00		\$107.20	\$170.00
	Unassisted	hour	\$17.00		\$27.20	\$170.00
	ICPOS					
	Assisted	hour	\$60.00		\$96.00	\$160.00
	Unassisted	hour	\$10.00		\$16.00	\$160.00
	Laser Ablation	hour	\$15.00		\$39.00	\$80.00
	<i>W.M. Keck Isotope Facility</i>					
	Neptune Lab					
	Assisted	sample	\$95.00		\$152.00	\$304.00
	Unassisted	hour	\$55.00		\$88.00	
	Unassisted Joint User	hour				\$250.00
	TIMS Lab					
	Assisted	analysis	\$90.00		\$144.00	\$288.00
	Unassisted	analysis	\$60.00		\$96.00	
	Unassisted Joint User					\$200.00
	Wet Chem Lab					
	Unassisted	day	\$50.00		\$80.00	\$160.00
	External Unassisted Joint User	day				\$55.00
	Sample Prep Simple Unassisted	sample	\$6.00		\$10.00	\$20.00
	Sample Prep Complex Unassisted	sample	\$11.00		\$18.00	\$36.00
	Sample Prep Assisted	sample	\$71.00		\$114.00	\$228.00
	Automated Sample Purify	day	\$250.00		\$400.00	
	Additional Labor	hour	\$160.00		\$256.00	\$512.00
	<i>X-Ray Diffraction Lab</i>					
	Single Crystal X-ray Diffractometer Bruker APEX2					
	Full Data Set	hour	\$10.00		5%MU + F&A	4X base
	Data set	hour	\$20.00		5%MU + F&A	4X base
	Matrix	hour	\$20.00		5%MU + F&A	6X base
	Powder Diffractometer					
	Analysis	hour	\$10.00		30%MU + F&A	4X base
	Powder/Thin Film Diffractometer					

2019-20 Approved Recharge Rates

Division/Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	Analysis	hour	\$20.00		+ F&A	4X base
	<i>X-Ray Fluorescence (XRF) Lab</i>					
	Assisted					
	Qualitative Composition (extensive prep)	sample	\$125.00		+ F&A	2.5 x Base + F&A
	Qualitative Composition (min prep)	sample	\$90.00		+ F&A	2.5 x Base + F&A
	Qualitative Composition (no prep)	sample	\$60.00		+ F&A	2.5 x Base + F&A
	Qualitative Mineral ID (XRD)	sample	\$50.00		+ F&A	2.5 x Base + F&A
	Quantitative Composition (all elements)	sample	\$80.00		+ F&A	2.5 x Base + F&A
	Unassisted					
	Sample Prep (fused disk)	sample	\$5.50		+ F&A	2.5 x Base + F&A
	Type A (major elements)	sample	\$3.50		+ F&A	2.5 x Base + F&A
	Type B (Nb-Zr)	sample	\$3.50		+ F&A	2.5 x Base + F&A
	Type C (Cr-V)	sample	\$2.50		+ F&A	2.5 x Base + F&A
	<i>Research Vessels & Vehicles</i>					
	<i>IMS/LML Research Vessels</i>					
	Fuel	hour	Cost + 10%		+ F&A	
	Skipper	hour	\$43.00		+ F&A	
	Lucy M Research Vessel	hour	\$23.00		+ F&A	
	Point Joe Research Vessel	hour	\$28.00		+ F&A	
	Sebastes Research Vessel	hour	\$45.00		+ F&A	
	Soquel Point Research Vessel	hour	\$45.00		+ F&A	
	Terrace Point Research Vessel	hour	\$13.00		+ F&A	
	Verella Research Vessel	hour	\$13.00		+ F&A	
	<i>EEB Research Vehicles</i>					
	Fuel	gallon	Cost			
	Vehicle 7241	mile	\$0.55			
	Vehicle 7374	mile	\$0.55			
	Vehicle 7429	mile	\$1.11			
	Vehicle 7504	mile	\$1.00			
	Vehicle 7508	mile	\$0.65			

2019-20 Approved Recharge Rates

Division/Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	Vehicle 7673	mile	\$0.70			
	Vehicle 7524	mile	\$0.75			
	<i>Machine Shop</i>					
	Labor	hour	\$86.50		+ F&A	
	Materials	each	15%MU		+ F&A	
	Student/Staff/Faculty Use	hour	\$12.00			
	<i>Training</i>					
	6-10 Students	class	\$5,190.00			
	Additional Students	each	\$519.00			
	Training Class Materials Fee	each	\$15.00			
	Diving and Boat Safety Program					
	<i>Air Cylinder Refills</i>					
	Motorboat Operator Training Course (per student, per day)	day	\$100.00			
	Internal Cylinder Refills (per tank)	each	\$6.50		+ F&A	
Social Sciences						
	CISR GIS Lab					
	ArcGIS Web Mapping Service					
	Instance	each	\$2,000.00			
	Hosting	year	\$6,000.00			
	<i>GIS</i>					
	Cartographic Design	hour	\$50.00			
	Database Design	hour	\$50.00			
	Programming	hour	\$50.00			
	Lab Station	day	\$25.00			
	Laser Range Finder	day	\$50.00			
	Printing - Large Format					
	Matte	sq ft	\$5.00			
	Photo	sq ft	\$7.00			
	Server Disk Storage	GB	\$1.00			

2019-20 Approved Recharge Rates

Division/Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	Technical Training	day	\$250.00			
	Trimble GeoXT/XH GPS	day	\$50.00			
Student Success						
Career Services						
	<i>Chancellor's Undergraduate Internship Program (CUIP)</i>					
	Intern	intern		\$250.00		
UCO Observatories						
<i>Mt Hamilton Lodging Services</i>						
Lodging						
	Individual Room	bed	\$86.00		\$140.00	
	Hostel Room	bed	\$35.00		\$50.00	
<i>Network, Information & Computing Services (NICS)</i>						
	Cluster Server Fee (COLO/RAID)	month	\$26.25			
	Itinerant Supported Laptop	month	\$43.00			
Disk Storage Quota						
	16GB	month	\$11.50			
	32GB	month	\$23.00			
	64GB	month	\$34.50			
Host						
	Managed - Windows Desktop, Macs, Mac Laptops	month	\$85.50			
	Unmanaged	month	\$43.00			
Labor Rates						
	Programmer Analyst Series	hour	Cost			
Printers						
	Supported	month	\$43.00			
	Unsupported	month	\$15.75			
User Account						
	Inactive	month	\$12.50			

2019-20 Approved Recharge Rates

Division/Dept.	Service	Unit	Internal		External	
			Federal Rate	Non-Federal Rate	External Rate	External Profit
	Mt Hamilton	month	\$36.25			
	Regular	month	\$72.50			
	Remote Collaborator	month	\$31.50			
	Utility	month	\$5.75			
	Rental					
	Laptop	day	\$35.00			
	iPad	day	\$20.00			
	<i>Technical Facilities</i>					
	Cost of Doing Business	hour	10.5%MU			
	Non-Productive Working Time (NWK)	hour	16.95%MU			
Undergraduate Education						
	Financial Aid					
	<i>Work Study</i>					
	Work Study Admin Fee	month		10% of Wages		
	Global Engagement					
	<i>J Research Scholar</i>					
	J- 1 Research Scholar Processing	each	\$500.00			
	J-1 Scholars Extension	each	\$250.00			
University Relations						
	<i>Online Community Merchant Fee</i>					
	Credit Card Merchant Fee	transaction		2.00%		