

Research Service Centers Rate Schedule
Approved rates as of July 1, 2021 (version 6.30.21)

Research Service Center	Contact Information	Rate number	Rate description	Billing unit	Internal rate	External rate - federal	External rate - nonfederal		
HPL Translational Research Core Services	Chuck Tanner tannerc@ecu.edu 252-737-4683 Ward Sports Medicine Bldg, Rm 363 http://hhp.ecu.edu/kin/hpl	1	Whole body DXA scan - service without operator	scan	\$ 27.00	\$ 27.00	\$ 27.00		
		2	Whole body DXA scan - service with operator	scan	\$ 40.00	\$ 40.00	\$ 40.00		
		3	Resting metabolic rate (RMR, REE) - service with operator	test	\$ 34.00	\$ 34.00	\$ 34.00		
		4	Resting metabolic rate (RMR, REE) - service without operator	test	\$ 17.00	\$ 17.00	\$ 17.00		
		5	CPX - service without physician	test	\$ 77.00	\$ 77.00	\$ 77.00		
		6	CPX - service with physician	test	\$ 176.00	\$ 176.00	\$ 176.00		
		7	CPX - equipment use only	test	\$ 30.00	\$ 30.00	\$ 30.00		
		8	DXA PPE	scan	\$ 9.00	\$ 9.00	\$ 9.00		
		9	RMR, REE PPE	test	\$ 9.00	\$ 9.00	\$ 9.00		
		10	CPX PPE	test	\$ 18.00	\$ 18.00	\$ 18.00		
ECDOI Clinical and CS Services	Dr. Jim Aloor aloorj15@ecu.edu 252-744-0404 Cardiovascular/ECHI Rm 2377, 2379 http://www.ecu.edu/cs-dhs/ecdoi/clinicalresearch.cfm	1	IVGTT	procedure	\$ 66.86	\$ 66.86	\$ 66.86		
		2	Blood draw	procedure	\$ 3.10	\$ 3.10	\$ 3.10		
		3	Muscle biopsy	procedure	\$ 23.75	\$ 23.75	\$ 23.75		
		4	Microdialysis	procedure	\$ 25.38	\$ 25.38	\$ 25.38		
		5	OGTT	procedure	\$ 18.16	\$ 18.16	\$ 18.16		
		6	Adipose tissue biopsy	procedure	\$ 12.94	\$ 12.94	\$ 12.94		
		7	12 lead exercise EKG testing	procedure	\$ 18.25	\$ 18.25	\$ 18.25		
		8	Resting EKG	procedure	\$ 7.65	\$ 7.65	\$ 7.65		
		9	Nurse labor	hour	\$ 39.64	\$ 39.64	\$ 39.64		
		10	Technician labor	hour	\$ 32.05	\$ 32.05	\$ 32.05		
		13	IV Placement with blood draw	procedure	\$ 6.72	N/A	N/A		
		14	12 Lead exercise EKG interpretation	test	\$ 30.00	N/A	N/A		
		15	Resting EKG interpretation	test	\$ 10.00	N/A	N/A		
		16	Clamp	procedure	\$ 26.35	\$ 26.35	\$ 26.35		
		Elemental Analysis Service Center (ICP-MS)	Dr. Jack Pender penderj15@ecu.edu 252-328-9711 Science & Technology Bldg, Rm 341 http://www.ecu.edu/cs-cas/chem/Pharm-Center.cfm	1	Technical time	hour	\$ 52.93	\$ 52.93	\$ 87.33
				2	ICPMS time	hour	\$ 57.69	\$ 57.69	\$ 95.18
3	Use core materials (stds, tubes, acids)			sample	\$ 6.77	\$ 6.77	\$ 11.17		
4	Microwave or hotblock digestion			sample	\$ 5.69	\$ 5.69	\$ 9.38		
ECDOI Structural Biology Core	Dr. Jim Aloor aloorj15@ecu.edu 252-744-0404 Cardiovascular/ECHI Rm 4400 http://www.ecu.edu/cs-dhs/ecdoi/structural-core.cfm	1	Protein expression and purification	hour	\$ 40.26	\$ 40.26	\$ 40.26		
		2	Protein characterization	hour	\$ 40.26	\$ 40.26	\$ 40.26		
		3	Crystallization	hour	\$ 40.26	\$ 40.26	\$ 40.26		
		4	Protein structure analysis	hour	\$ 40.26	\$ 40.26	\$ 40.26		
		5	Paper/Grant writing	hour	\$ 40.26	\$ 40.26	\$ 40.26		

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Brody School of Medicine Mass Spectrometry Center	Dr. Tonya Zeczycki 252-744-5609 Office: 4N-86 BSOM zeczyckit@ecu.edu -	1	Sample prep optimization and LC-MS/MS method development	project	\$ 4,500.00	\$ 4,500.00	\$ 6,300.00
		2	Solid Phase Extraction (small-molecule and protein)	sample	\$ 45.00	\$ 45.00	\$ 65.00
		3	Trypsin Digest (in-gel and in-solution)	sample	\$ 55.00	\$ 55.00	\$ 75.00
		4	Xevo: Infusion ESI-MS for small molecule ID	sample	\$ 20.00	\$ 20.00	\$ 60.00
		5	Xevo: Quantitative LC-MS/MS (peptide/small molecule/lipids)	sample	\$ 100.00	\$ 100.00	\$ 155.00
		6	Xevo: Qualitatvie LC-MS/MS (peptide/small molecule/lipids)	sample	\$ 80.00	\$ 80.00	\$ 125.00
		7	AB SCIEX: MicroLC-MS/MS (30 min gradient)	half hour	\$ 80.00	\$ 80.00	\$ 125.00
		8	AB SCIEX: MicroLC-MS/MS additional 30 min acquisition	half hour	\$ 50.00	\$ 50.00	\$ 75.00
		9	Synapt XS: Protein coverage map	protein	\$ 780.00	\$ 780.00	\$ 1,100.00
		10	Synapt XS: HDS experiment: 1 protein, 1 condition	project	\$ 2,500.00	\$ 2,500.00	\$ 3,650.00
		11	Synapt XS: HDX experiment: 1 protein, 2 conditions	project	\$ 3,600.00	\$ 3,600.00	\$ 5,200.00
		12	Orbitrap: Infusion ESI-MS for molecular identification	sample	\$ 85.00	\$ 85.00	\$ 120.00
		13	Orbitrap: Nano-LC-MS (1 hour)	hour	\$ 150.00	\$ 150.00	\$ 200.00
		14	Orbitrap: Nano-LC-MS additional 30 min acquisition	half hour	\$ 75.00	\$ 75.00	\$ 100.00
		15	MALDI: Direct Analysis MS/MS	sample	\$ 90.00	\$ 90.00	\$ 130.00
		16	MALDI: Imaging	project	\$ 2,700.00	\$ 2,700.00	\$ 4,150.00
		17	Data Analysis: Protein ID	hour	\$ 80.00	\$ 80.00	\$ 120.00
		18	Data Analysis: Bioinformatics Workflow	hour	\$ 75.00	\$ 75.00	\$ 100.00
		19	Data Analysis: Quantitation Analysis	hour	\$ 100.00	\$ 100.00	\$ 150.00
		20	Data Analysis: Finalized Report	project	\$ 2,000.00	\$ 2,000.00	\$ 3,050.00
		21	Finalized HDX data analysis including method write-up	project	\$ 2,900.00	\$ 2,900.00	\$ 4,200.00
		22	Access to BSOM equipment only in the core per year	year	\$ 12,000.00	\$ 12,000.00	\$ 18,250.00
		23	Access to Synapt IM-MS/HDX equipment only in the core per year	year	\$ 7,685.00	\$ 7,685.00	\$ 12,000.00
Genomics Core Facility	Dr. Erin Field FIELDE14@ECU.EDU 252-328-5276 Howell Science Complex, N281, N201 https://biology.ecu.edu/genomics-core-facility/ Manager: Gwen Bass Jones	1	Sanger sequencing - Rxn, clean up, capillary run	sample	\$ 3.75	\$ 3.75	\$ 3.75
		2	Sanger sequencing - Capillary run	sample	\$ 2.00	\$ 2.00	\$ 2.00
		3	Sanger sequencing - Fragment analysis	sample	\$ 2.00	\$ 2.00	\$ 2.00
		4	Agilent bioanalyzer - RNA Nano assay (12 samples)	chip	\$ 40.00	\$ 40.00	\$ 40.00
		5	Agilent bioanalyzer - RNA Pico assay (11 samples)	chip	\$ 45.00	\$ 45.00	\$ 45.00
		6	Agilent bioanalyzer - DNA high sensitivity (HS)(11 samples)	chip	\$ 70.00	\$ 70.00	\$ 70.00
		7	Qubit - RNA/DNA HS	sample	\$ 1.50	\$ 1.50	\$ 1.50
		8	PCR Amplification	sample	\$ 1.75	\$ 1.75	\$ 1.75
		p	COVID Variant Testing w/cDNA	sample	\$ 25.00	\$ 25.00	\$ 25.00
		10	COVID Variant Testing w/o CDNA	sample	\$ 12.00	\$ 12.00	\$ 12.00
Animal Care and Husbandry	Dr. Dorcas O'Rourke orourked@ecu.edu 252-744-2420 BSOM Dept of Comparative Medicine		https://www.ecu.edu/cs-dhs/comparativemedicine/intranet/login.cfm?hidePendingActions=1				

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	208 Ed Warren Life Sciences Bldg. http://www.ecu.edu/cs-dhs/comparativemedicine/index.cfm						
Environmental Research Lab	Dr. Enrique Reyes REYESE@ecu.edu 252-328-5778 Department of Biology 1001 East 10th Street https://biology.ecu.edu/erl/ Manager: Suelen Tullio	1	Ammonia - Solorzan Method - Automated	sample	\$ 3.23	\$ 3.23	\$ 4.76
		2	Ammonia - Solorzan Method - soil samples - Automated	sample	\$ 3.46	\$ 3.46	\$ 5.10
		3	Carbon, dissolved organic (autoanalyzer)	sample	\$ 14.47	\$ 14.47	\$ 21.34
		4	Chloride - Ferricyanide Method - Automated	sample	\$ 3.28	\$ 3.28	\$ 4.84
		5	Chlorophyll & Phaeophytin Pigment analyses - fluometer	sample	\$ 1.50	\$ 1.50	\$ 2.21
		6	Filtering Groundwater or Porewater*	sample	\$ 2.50	\$ 2.50	\$ 3.69
		7	Filtering Riverine and Estuarine Waters	sample	\$ 0.95	\$ 0.95	\$ 1.40
		8	Fluoride Analysis	sample	\$ 2.23	\$ 2.23	\$ 3.29
		9	Nitrate + Nitrite Analyses (water samples)- Automated	sample	\$ 5.39	\$ 5.39	\$ 7.95
		10	Nitrogen + Nitrate Analysis (soil samples)- Automated	sample	\$ 6.44	\$ 6.44	\$ 9.50
		11	Nitrogen, Total Dissolved (autoanalyzer)	sample	\$ 14.47	\$ 14.47	\$ 21.34
		12	Nitrogen, Total Dissolved & Particulate-Kjeldahl Method	sample	\$ 3.74	\$ 3.74	\$ 5.52
		13	Photopigment Analysis - HPLC	sample	\$ 17.98	\$ 17.98	\$ 26.52
		14	Phosphate, Ortho - water samples - Automated	sample	\$ 3.18	\$ 3.18	\$ 4.69
		15	Phosphate, Ortho - soil samples - Automated	sample	\$ 3.92	\$ 3.92	\$ 5.78
		16	Phosphate, Total & Dissolved - Persulfate Method	sample	\$ 3.25	\$ 3.25	\$ 4.79
		17	Phosphate, Total, Dissolved & Particulate - Kjeldahl Method	sample	\$ 3.79	\$ 3.79	\$ 5.59
		18	Porewater Extraction from soils for N analysis***	sample	\$ 0.98	\$ 0.98	\$ 1.45
		19	Porewater Extraction from soils for P analysis***	sample	\$ 2.66	\$ 2.66	\$ 3.92
		20	Total Suspended Solids	sample	\$ 0.89	\$ 0.89	\$ 1.31
		21	Student worker labor	minute	\$ 0.1794	\$ 0.1794	\$ 0.2646
		22	Lab manager labor	minute	\$ 0.4209	\$ 0.4209	\$ 0.6209
Diving and Water Safety Vessel Center	Mark Keusenkothen keusenkothenm@ecu.edu 252-328-4041 ECU Integrated Coastal Programs and Coastal Studies Institute Building 43, ECU Campus https://www.ecu.edu/cs-acad/diving/VesselInfo.cfm	1	Alumacraft	day	\$ 85.00	\$ 85.00	\$ 125.38
		2	Soundbyte II	day	\$ 185.00	\$ 185.00	\$ 272.88
		3	Roughneck	day	N/A	N/A	N/A
		4	Seeker	day	\$ 185.00	\$ 185.00	\$ 272.88
		5	Pinfish	day	\$ 185.00	\$ 185.00	\$ 272.88
		6	Little Skimmer	day	\$ 85.00	\$ 85.00	\$ 125.38
		7	Flounder	day	\$ 185.00	\$ 185.00	\$ 272.88
		8	Electric Eel	day	\$ 125.00	\$ 125.00	\$ 184.38
		9	Cutting Edge	day	\$ 625.00	\$ 625.00	\$ 921.88
		10	R/V Stanley Riggs	day	N/A	N/A	N/A
		11	R/V Tomcat	day	\$ 275.00	\$ 275.00	\$ 405.63
		12	Work Barge	day	\$ 275.00	\$ 275.00	\$ 405.63
		13	Toadfish	day	\$ 185.00	\$ 185.00	\$ 272.88

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Coastal Studies Institute Marine Services	Corey Adams adamsc@ecu.edu 252-475-5441	1	Miss Caroline (all vessels can be charged 1/2 day rates as well)	day	\$ 1,800.00	\$ 1,800.00	\$ 2,655.00
		2	Blackbeard	day	\$ 500.00	\$ 500.00	\$ 737.50
		3	Discovery	day	\$ 200.00	\$ 200.00	\$ 295.00
	ECU Integrated Coastal Programs and Coastal Studies Institute 850 NC HWY 345, Wanchese, NC https://www.coastalstudiesinstitute.org/facilities/	4	Bentley Pontoon	day	\$ 200.00	\$ 200.00	\$ 295.00
		5	Skiff	day	\$ 200.00	\$ 200.00	\$ 295.00
		6	Zodiac	day	\$ 100.00	\$ 100.00	\$ 147.50
		7	Jetski	day	\$ 100.00	\$ 100.00	\$ 147.50
		8	Scuba	day	\$ 125.00	\$ 125.00	\$ 184.38
		9	Gator 2 UTV	day	\$ 100.00	\$ 100.00	\$ 147.00
		10	Gator 4 UTV	day	\$ 100.00	\$ 100.00	\$ 147.00
BSOM Cellular Analysis/Imaging Core	Cindy Kukoly kukolyc@ecu.edu 252-744-2962 Dept of Research and Graduate Studies BSOM 3S-13, 3S-13 https://medicine.ecu.edu/core-imaging/	1	LSM700 Confocal	hour	\$ 27.00	\$ 27.00	\$ 40.00
		2	PALM LCM	hour	\$ 23.00	\$ 23.00	\$ 35.00
		3	CD7	hour	\$ 23.00	\$ 23.00	\$ 35.00
		4	CD7	max	\$ 150.00	\$ 150.00	\$ 150.00
BSOM Flow Cytometry Core Facility	Dr. Debajit Bhowmich bhowmichd20@ecu.edu 252-744-3245 Dept of Research and Graduate Studies BSOM 4W-46A https://medicine.ecu.edu/flow-core/about-us/	1	Aurora	hour	\$ 52.00	\$ 52.00	\$ 76.70
		2	Cell Sorter/Aria Fusion	hour	\$ 145.00	\$ 145.00	\$ 213.88
		3	Cell Sorter Set up	session	\$ 40.00	\$ 40.00	\$ 59.00
		4	Flow Cytometry Basic Training	session	\$ 250.00	\$ 250.00	\$ 370.00
BSOM Histology Core	Dr. Maranke Koster, PhD kosterma20@ecu.edu 252-744-0403 Dept of Anatomy and Cell Biology 7W-58 BSOM https://anatomy-cellbiology.ecu.edu/histology-core/	1	Tissue processing	sample	\$ 6.75	\$ 6.75	\$ 13.50
		2	Paraffin embedding (1 tissue/block)	sample	\$ 5.27	\$ 5.27	\$ 10.54
		3	Paraffin embedding (multiple tissues/block)	block	\$ 8.52	\$ 8.52	\$ 17.04
		4	Processing and embedding (routine)	sample	\$ 10.00	\$ 10.00	\$ 20.00
		5	Re-embedding	block	\$ 6.89	\$ 6.89	\$ 13.78
		6	Paraffin sectioning (initial section)	slide	\$ 7.07	\$ 7.07	\$ 14.14
		7	Paraffin sectioning (additional sections)	slide	\$ 3.00	\$ 3.00	\$ 6.00
		8	Paraffin sectioning (2 samples per slide)	slide	\$ 3.82	\$ 3.82	\$ 7.64
		9	OCT embedding	sample	\$ 6.94	\$ 6.94	\$ 13.88
		10	Frozen sectioning (initial slide)	slide	\$ 7.06	\$ 7.06	\$ 14.12
		11	Frozen sectioning (additional slides)	slide	\$ 2.99	\$ 2.99	\$ 5.98
		12	H&E staining	slide	\$ 3.03	\$ 3.03	\$ 6.06
		13	Trichrome staining	slide	\$ 5.46	\$ 5.46	\$ 10.92

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		14	PAS staining	slide	\$ 5.02	\$ 5.02	\$ 10.04
		15	Mucin staining (Alcian blue)	slide	\$ 5.82	\$ 5.82	\$ 11.64
		16	Picro-Siris Red staining	slide	\$ 4.52	\$ 4.52	\$ 9.04
		17	Oil Red O staining	slide	\$ 4.34	\$ 4.34	\$ 8.68
		18	Decalcifying tissues	sample	\$ 3.58	\$ 3.58	\$ 7.16
		19	Digital imaging	15 min	\$ 8.14	\$ 8.14	\$ 16.28
		20	Practical technical	15 min	\$ 8.14	\$ 8.14	\$ 16.28
		21	Experimental advise	15 min	\$ 8.14	\$ 8.14	\$ 16.28
		22	Equipment usage	15 min	\$ 8.14	\$ 8.14	\$ 16.28
Brody Integrative Genomics Core	Dr. Weihuan Huang huangw20@ecu.edu 252-944-3748 Dept of Pathology and Laboratory Medicine	1	RNAseq Library Prep (polyT)	sample	\$ 150.00	\$ 150.00	\$ 225.00
		2	RNAseq Library Prep (RiboZero)	sample	\$ 250.00	\$ 250.00	\$ 375.00
		3	Small RNA Library Prep	sample	\$ 280.00	\$ 280.00	\$ 420.00
		4	Nextera DNA Library Prep	sample	\$ 125.00	\$ 125.00	\$ 187.50
		5	MiSeq sequencing 50 cycles	flow	\$ 1,046.50	\$ 1,046.50	\$ 1,569.75
		6	MiSeq sequencing 300 cycles	flow	\$ 1,339.75	\$ 1,339.75	\$ 2,009.63
		7	MiSeq sequencing 500 cycles	flow	\$ 1,506.50	\$ 1,506.50	\$ 2,259.75
		8	MiSeq sequencing 150 cycles	flow	\$ 1,161.50	\$ 1,161.50	\$ 1,742.25
		9	MiSeq sequencing 600 cycles	flow	\$ 1,960.75	\$ 1,960.75	\$ 2,941.13
		10	NextSeq 2000 sequencing P2-100 cycles	flow	\$ 1,633.00	\$ 1,633.00	\$ 2,449.50
		11	NextSeq 2000 P2-200 cycles	flow	\$ 3,070.50	\$ 3,070.50	\$ 4,605.75
		12	NextSeq 2000 P2-300 cycles	flow	\$ 4,071.00	\$ 4,071.00	\$ 6,106.50
		13	NextSeq 2000 P3-100 cycles	flow	\$ 2,587.50	\$ 2,587.50	\$ 3,881.25
		14	NextSeq 2000 P3-200 cycles	flow	\$ 3,737.50	\$ 3,737.50	\$ 5,606.25
		15	NextSeq 2000 P3-300 cycles	flow	\$ 5,175.00	\$ 5,175.00	\$ 7,762.50
		16	Sequel II Iso-Seq Library Prep	sample	\$ 300.00	\$ 300.00	\$ 450.00
		17	Sequel II HiFi Library Prep	sample	\$ 345.00	\$ 345.00	\$ 517.50
		18	Sequel II Shotgun Metagenomic Profiling	sample	\$ 275.00	\$ 275.00	\$ 412.50
		19	PacBio Sequel Iie Sequencing	SMRT cell	\$ 2,500.00	\$ 2,500.00	\$ 3,750.00
		20	DNA/RNA Fragment Analysis	sample	\$ 10.00	\$ 10.00	\$ 15.00
		21	DNA Automated Separation/Purification	sample/gel	\$ 100.00	\$ 100.00	\$ 150.00