

**FY 2022 - FY 2023 Billing Rates**

**Chemistry Service Facilities**

**Current University IDC Rate** **55.0%**

**Core X-ray Facility (X. Wang)**

	UH Main	Non-UH Academic			Industry		
		IDC Rate	0.00%		IDC Rate	55.0%	
TYPE OF EXPERIMENT	Charge (flat rate)	Flat Rate	IDC	Total Rate	Flat Rate	IDC	Total Rate
Crystallographic analysis - rate after the first day and the data is refined by manager	\$ 150.00	\$ 150.00	\$ -	\$ 150.00	\$ 300.00	\$ 165.00	\$ 465.00
Crystallographic Analysis - when the data is refined by the user	\$ 75.00	\$ 75.00	\$ -	\$ 75.00	not available	-	-
Crystallographic Analysis - when the data is aborted	\$ 25.00	\$ 25.00	\$ -	\$ 25.00	not available	-	-
Determination of a unit cell	\$ 15.00	\$ 15.00	\$ -	\$ 15.00	not available	-	-

Subtotal X-ray experiments

**X-Ray Diffractometers**

TYPE OF EXPERIMENT	UH	Non-UH Academic			Industry		
	Charge (per hour)	Flat Rate	IDC	Total Rate	Flat Rate	IDC	Total Rate
X-Ray powder diffractometer, do it yourself	\$ 10.00	\$ 10.00	\$ -	\$ 10.00	not available	-	-
X-Ray powder diffractometer, performed by technician	\$ 20.00	\$ 20.00	\$ -	\$ 20.00	\$ 33.56	\$ 18.46	\$ 52.02
TYPE OF EXPERIMENT	Charge (flat rate)	Flat Rate	IDC	Total Rate	Flat Rate	IDC	Total Rate
CCD X-ray diffractometer: A full data set is collected overnight, structure is solved and a comprehensive report is issued, including full tables, figures and CIF files	\$ 260.00	\$ 260.00	\$ -	\$ 260.00	\$ 320.00	\$ 176.00	\$ 496.00
CCD X-ray diffractometer: A full data set is collected overnight, the raw data is reduced and corrected for absorption and the data is transferred to the customer to solve/process	\$ 110.00	\$ 110.00	\$ -	\$ 110.00	\$ 220.00	\$ 121.00	\$ 341.00
CCD X-ray diffractometer: A one-hour data set is collected, the structure is solved but then abandoned by the customer	\$ 25.00	\$ 25.00	\$ -	\$ 25.00	not available	-	-
CCD X-ray diffractometer: A matrix is collected and the cell constants are determined, but the sample is abandoned at the request of the customer	\$ 15.00	\$ 15.00	\$ -	\$ 15.00	not available	-	-

Subtotal x-ray diffractometer usage

**TOTAL ALL CORE X-RAY**

### Core Surface Analysis Facility (B. Makarenko)

TYPE OF EXPERIMENT	UH Main	Non-UH Academic			Industry		
		IDC Rate	0.00%		IDC Rate	55.0%	
	Charge (per hour)	Flat Rate	IDC	Total Rate	Flat Rate	IDC	Total Rate
Machine time "do it yourself"	\$ 20.00	\$ 20.00	\$ -	\$ 20.00	not available	\$ -	\$ -
Machine time with technician	\$ 40.00	\$ 40.00	\$ -	\$ 40.00	\$ 40.00	\$ 22.00	\$ 62.00

### NMR Facility (Xudong Guan)

SERVICE	UH Main	Non-UH Academic			Industry		
		IDC Rate	0.00%		IDC Rate	55.0%	
	Charge (per hour)	Flat Rate	IDC	Total Rate	Flat Rate	IDC	Total Rate
8am-5pm Mon-Fri	\$ 4.00	n/a	n/a	n/a	n/a	n/a	n/a
5pm-8pm Mon-Fri	\$ 3.00	n/a	n/a	n/a	n/a	n/a	n/a
8pm-8am Mon-Fri (overnight)	\$ 2.00	n/a	n/a	n/a	n/a	n/a	n/a
8am Sat - 8am Mon (weekend)	\$ 2.00	n/a	n/a	n/a	n/a	n/a	n/a
Non-UH Users Hourly rate	n/a	\$ 10.00	\$ -	\$ 10.00	\$ 60.40	\$ 33.22	\$ 93.62

### Mass Spectrometry Facility (C. Cai & G. Qin)

SERVICE	UH Main	Non-UH Academic			Industry		
		IDC Rate	53.00%		IDC Rate	55.0%	
	Charge (per sample)	Flat Rate	IDC	Total Rate	Flat Rate	IDC	Total Rate
Exactive Nanomate for MS of purified smples (m/z < 4000)	\$ 8.00	\$ 30.00	\$ 15.90	\$ 45.90	\$ 60.00	\$ 31.80	\$ 91.80
Exactive Nanomate for MS/MS of purified smples (m/z < 4000)	\$ 25.00	\$ 50.00	\$ 26.50	\$ 76.50	\$ 100.00	\$ 53.00	\$ 153.00
timsTOF Pro NanoLC MS/MS with PASE for proteomics	\$ 180.00	\$ 300.00	\$ 159.00	\$ 459.00	\$ 400.00	\$ 212.00	\$ 612.00
Proteomics sample cleanup & total protein quantification	\$ 50.00	\$ 80.00	\$ 42.40	\$ 122.40	\$ 120.00	\$ 63.60	\$ 183.60
Protein digestion & peptide QC	\$ 80.00	\$ 130.00	\$ 68.90	\$ 198.90	\$ 200.00	\$ 106.00	\$ 306.00
Protein/peptide fractionation	\$ 50.00	\$ 80.00	\$ 42.40	\$ 122.40	\$ 120.00	\$ 63.60	\$ 183.60
Consulation, additional data analysis, method development	\$ 100.00	\$ 150.00	\$ 79.50	\$ 229.50	\$ 200.00	\$ 106.00	\$ 306.00
LTQ XL low resolution ESI MSn direct infusion	\$ 25.00	\$ 50.00	\$ 26.50	\$ 76.50	\$ 120.00	\$ 63.60	\$ 183.60
LTQ XL low resolution ESI LC MSn	\$ 50.00	\$ 100.00	\$ 53.00	\$ 153.00	\$ 250.00	\$ 132.50	\$ 382.50
LCQ Deca XP low resolution ESI MSn direct infusion	\$ 25.00	\$ 50.00	\$ 26.50	\$ 76.50	\$ 120.00	\$ 63.60	\$ 183.60

### Machine Shop (Gerardo Cervantes)

	UH Main	Non-UH Academic	Industry
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SERVICE	Charge (per hour)	IDC Rate 0.00%			IDC Rate 55.0%		
		Flat Rate	IDC	Total Rate	Flat Rate	IDC	Total Rate
Machine Shop Services	\$ 15.00	\$ 15.00	\$ -	\$ 15.00	\$ 65.40	\$ 35.97	\$ 101.37

### Glass Shop (Nathan Bonnet)

SERVICE	UH Main	Non-UH Academic			Industry		
		IDC Rate 0.00%			IDC Rate 55.0%		
Charge (per hours)	Flat Rate	IDC	Total Rate	Flat Rate	IDC	Total Rate	
Glass Shop Services	\$ 15.00	\$ 25.00	\$ -	\$ 25.00	\$ 65.40	\$ 35.97	\$ 101.37

### ELECTRONIC SHOP (H. Hofmeister)

SERVICE	UH Main	Non-UH Academic			Industry		
		IDC Rate 0.00%			IDC Rate 55.0%		
Charge (per hour)	Flat Rate	IDC	Total Rate	Flat Rate	IDC	Total Rate	
Electronic Shop Services	\$ 10.00	\$ 10.00	\$ -	\$ 10.00	\$ 60.40	\$ 33.22	\$ 93.62