

**Registration Form for using:
The UTA Characterization Center for Materials and Biology**

User Information	First Name		Last Name	
	Department			
	Position			
	Building/Room			
	Telephone			
	Email			
	Signature		Date	
Advisor Information	First Name		Last Name	
	Department			
	Position			
	Building/Room			
	Phone			
	Email			
	Signature		Date	

Instrument(s) to be used, check one or more:	<input type="checkbox"/>	AFM	<input type="checkbox"/>	XPS
	<input type="checkbox"/>	Hitachi S-3000N SEM	<input type="checkbox"/>	Hitachi S-5000H FESEM
	<input type="checkbox"/>	Hitachi S-4800 FESEM/EDS	<input type="checkbox"/>	FEI Strata 400 FIB/SEM
	<input type="checkbox"/>	Hitachi S-3000N SEM/EDS	<input type="checkbox"/>	Hitachi S-3000N SEM/EBSD
	<input type="checkbox"/>	Siemens D500 XRD	<input type="checkbox"/>	Bruker D8 XRD
	<input type="checkbox"/>	Hitachi H-7500 TEM	<input type="checkbox"/>	H-9500 HRTEM
	<input type="checkbox"/>	DXR Raman Microscope	<input type="checkbox"/>	Nicolet-6700 FT-IR
	<input type="checkbox"/>	Netzsch DSC 204 F1 Phoenix	<input type="checkbox"/>	TA SDT-Q600 TGA/DSC
	<input type="checkbox"/>	Perkin Elmer DSC 7 /TGA	<input type="checkbox"/>	Perkin Elmer TGA 7
	<input type="checkbox"/>	Nano Indenter	<input type="checkbox"/>	Micro-Hardness
	<input type="checkbox"/>	Sputtering System	<input type="checkbox"/>	Cutting Machines
	<input type="checkbox"/>	Polishing/Ion Milling	<input type="checkbox"/>	Hardness Tester
	<input type="checkbox"/>	Optical Microscopes	<input type="checkbox"/>	Hitachi IM 4000 Plus Ion Milling System

Project Title:

Account # to be charged (at the end of each quarter)	Advisor's signature/date**

* A new registration form needs to be resubmitted at the time when the account # is becoming invalid to be able to continue access to the facility.

** **By signing this form, the advisor agrees that at the end of each quarter (Nov., Feb, May and Aug.), the Total Amount Due will be charged to the account number provided (please refer to the enclosed charge structure). A statement of the charge will be sent to the advisor for the record.**

This form should be filled out, signed and brought with you in the first session.

Contact Information:

Dr. Jiechao Jiang, facility manager,
ELB 104A, Arlington TX 76019,
Tel: (817) 272-0841, Fax: (817) 272-2538, Email: jiangjc@uta.edu

User Fees

Users are charged a nominal amount for use of the facility equipment to offset the operation and maintenance costs. The instruments are recharged as follows:

Equipment/Service	Rate for UTA Users	
	Hourly rate	Charge per quarter per faculty ^[1]
Phi 560 XPS/Auger	\$30.00/hr	\$1100
Hitachi S-3000N SEM	\$30.00/hr	
Hitachi S-5000 HRSEM	\$30.00/hr	
Hysitron Nano Indenter ^[2]	\$30.00/hr	
Bruker D8 XRD	\$30.00/hr	
Siemens D500 XRD	\$30.00/hr	
XE-70 AFM ^[2]	\$30.00/hr	
DXR Raman Microscope	\$30.00/hr	
Nicolet-6700 FT-IR	\$30.00/hr	
DSC/TGA	\$30.00/hr	
Critical Point Dryer	\$10.00/hr	
Hardness Tester	\$10.00/hr	
Micro hardness	\$10.00/hr	
Section/Machine System	\$10.00/hr	
Sputtering System	\$10.00/hr	
Ion-milling System	\$10.00/hr	
Polishing Machines	\$10.00/hr	
Hitachi H-7500 TEM	\$45.00/hr	\$45.00/hr
Hitachi H-9500 HRTEM ^[3]	\$50.00/hr	\$50.00/hr
Hitachi S-4800 HRSEM ^[3]	\$40.00/hr	\$40.00/hr
FEI Strata 400 Dual Beam FIB ^[3]	\$50.00/hr	\$50.00/hr
Hitachi IM 4000 Plus Ion Milling System	\$10.00/hr	\$10.00/hr
Operation assist. for SEM, TEM, and XPS	\$30.00/hr	\$30.00/hr

[1] Billing for UTA users will be conducted every three months (Sept-Nov.; Dec.-Feb.; March-May & June-Aug.). The hourly rate will be used for the charge, if the total hourly charge for XPS, Hitachi S-3000N SEM, Hitachi S-5000 HRSEM, Nano Indenter, XRD, AFM, FT-IR, Raman, DSC/TGA, Micro-hardness, sputtering System, polishing machine and ion-milling system exceeds the cap amount, then the cap amount will be charged. Otherwise, the hourly rate will be used for the charge. The Hitachi H-7500 TEM, Hitachi H-9500 HRTEM, Hitachi S-4800 HRSEM, FEI Strata 400 Dual Beam FIB/SEM and EBSD and operation assistance will be charged separately.

[2] Because of the fragility and high cost of the tips, training is only available to the users who have their own tips. For users who do not have their own tips and need to use the tips provided by the facility, the testing work will be performed by an operator from the facility and the users need to pay the operator assistance fee (\$20/hour) which is not included in the cap and will be charged separately.

[3] The charges for these microscopes (microscope time, training and operator assistance fee) are not included in the cap and will be billed separately.

Note: Accounting records are always available for inspection by all users.