

Research Lab Room #	Lab Name	Responsible Faculty Name	Research Equipment/Systems	Required Trainings
1661	Thermal Processing Room	Claudio Acuy	<ul style="list-style-type: none"> Gas Sorption Analyzer Simultaneous DSC and TGA Dynamic Light Scattering Fourier Transform IR Laboratory Oven 	Core Laboratory Training*
				Safe Use of Fume Hoods
				Laser Safety
1662	X-Ray Room	Alex Franco	<ul style="list-style-type: none"> XRD Smartlab II XRD D5000 	Core Laboratory Training*
				X-Ray Devices Safety
1650	Sample Prep Room	Alex Franco	<ul style="list-style-type: none"> High/Medium Speed Saw Polishing Wheel Dicing Saw Ultrasonic Cleaner Electropolishing Hot/Cold Mounting Jar Ball Rolling Mill Laminator 	Core Laboratory Training*
				Safe Use of Fume Hoods
				Small Spills and Leaks
				Chemical Handling Safety – Basic Principles
				Personal Protective Equipment (PPE): Laboratory
				EPA: Hazardous Waste Awareness
1656 / 1657 / 1658	Microscopy Rooms	Alex Franco	<ul style="list-style-type: none"> Optical Microscope Carbon/Gold Coater Micro-Hardness Tester JSM-F100 SEM/EDS FIB/SEM/EDS TEM 	Core Laboratory Training*

Research Lab Room #	Lab Name	Responsible Faculty Name	Research Equipment/Systems	Required Trainings
1655	Clean Room	Abe Akhiyat / Tomas Baca	<ul style="list-style-type: none"> • E-Beam Evaporator • Atomic Layer Deposition • Rapid Thermal Processing • Muffle Furnace • Magnetron Sputtering • Plasma Asher • Reactive Ion Etching • Optical Microscope • Probe Station • Reflectometer • Hot Plate Oven • Vacuum Oven • JSM-7000F SEM • Spin Rinse Dryer • Film Coating Station • Mask Aligner • Stylus Profilometer • Mask Writer • Maskless Lithography 	Core Laboratory Training*
				Safe Use of Fume Hoods
				Small Spills and Leaks
				Chemical Handling Safety – Basic Principles
				EPA: Hazardous Waste Awareness
				Personal Protective Equipment (PPE): Laboratory

***CORE LABORATORY TRAININGS INCLUDE:**

- Fire Safety
- Hazard Communication (HAZCOM)
- Laboratory Hazard Awareness
- Compressed Gas Cylinder Safety