

SNF FY16 Rates

Effective 12/1/15

Cleanroom / Capped Tools				
Activity	Description	Rate Category		
		Academic	Industry	Industry: SBIR
Equipment Rates*	Base Rate \$/hr < Cap	\$70.00	\$140.00	\$112.00
	Premium Rate \$/hr < Cap	\$87.50	\$175.00	\$140.00
	Monthly Cap (50 hrs@Base)	\$3,500	\$7,000	\$5,600
	Notched Cap (>100 hours)	20% of hourly rates		
Satellite Labs				
Lab	Tool	Rate Category		
		Academic (\$/hr)	Industry (\$/hr)	
MOCVD Lab	Aixtron 200	\$150	\$300	
	Aixtron CCS	\$150	\$300	
ExFab (nSiL)	AFM-nSiL	\$10	\$30	
	Cytoviva	\$50	\$150	
	Jasco UV-IR	\$30	\$90	
	Malvern Zetasizer	\$50	\$150	
	Photovoltaic/Lifetime Tester	\$5	\$15	
	Micromanipulator/Probe Station	\$5	\$15	
	Biologic SP-300 Potentiostat	\$1.50	\$4.50	
	Resistivity Probe	\$30	\$90	
	Fume Hood	\$3	\$9	
	Glove Boxes	\$3	\$9	
	Manual Spin Coater	\$10	\$30	
	Thermo Oven	\$10	\$30	
	Thinky Mixer	\$10	\$30	
	Parylene Coater	\$20	\$60	
	Heat Seal Press	\$10	\$30	
	Dimatix Nano Inkjet Printer	\$10	\$30	
	3D Wax Print	\$10	\$30	
Oxygen Plasma System	\$40	\$120		
Lesker Sputter	\$35	\$105		
AJA Evaporator	\$35	\$105		
General				
Service	Description	Rate		
Staff Support	Training Recharge \$/hr	\$75.00		
	Staff Support \$/hr	\$75.00		
Stores	Inventory / Subscriptions	Refer to Stores price list sheets		
*All charged tools in the Cleanroom are capped and at the Base Rate, except for the Raith (charged at the Base rate, but NOT capped) and the Epi2/B system (the only tool charged at the Premium rate.) Rates above do not include precious metals, which are charged on use.				

Overhead: The University Facilities & Administration (F&A) overhead rate for external use and organized research at Stanford is 58% (see <https://doresearch.stanford.edu>). Overhead is applied by the University upon billing, so is not accounted for in Badger.

Precious metals are charged by gram, and based on the market price averaged over this calendar year, rounded up to the nearest \$1: Gold-\$39; Iridium-\$19; Palladium-\$24; Platinum-\$36. Precious metal use appears as equipment charges for metallization tools.

No-Charge Tools: The following tools are either no-charge or do not require enabling to use.

- Analytical tools: optical/IR microscopes, stylus profilometers (p2, alphastep 500), ellipsometer (Rudolph EL4 only), nanospecs 1/2, surfscan4500
- Ovens: 90C post-spin bake, 110C pre bake, 150C singe, and white-oven
- Solvent benches: lithosolv, solvhoud, wbebres, wbmiscres, wbsolvent (except hot plate & sonicator)
- Miscellaneous: mask cleaner, microdrill press, CNC Micromill, thermolyne furnace, uv cure
- Etch: Ox-35

Non-Capped Tools: Satellite Lab tools are not capped. The Raith ebeam writer is charged at the Base Rate and is not capped