

SEM Quanta 200 CNSM

Student pre-certification check page

Student's name: _____

Advisor: _____

Department: _____

College: _____

Signature advisor (see attached PI agreement page): _____

Signature SEM custodian (C. Ojeda Aristizabal) _____
Claudia.Ojeda-Aristizabal@csulb.edu HSCI 248

General safety training completed <https://web.csulb.edu/colleges/cnsm/safety/quiz/>
(Please attach confirmation email with Quiz score)

X-ray safety training completed <https://web.csulb.edu/colleges/cnsm/radiation/xray.html>

Signature Chris Frost or John de la Cuesta: _____

I understand the Standard Operating Procedure and the theoretical reading material about the functioning of the SEM.

Shadowing of certified users for 7 hours:

Certified User name _____ Date and times of shadowing _____

Certified User name _____ Date and times of shadowing _____

Certified User name _____ Date and times of shadowing _____

Certified User name _____ Date and times of shadowing _____

Certification by Thomas Douglass (20 min). Signature Tom: _____
Thomas.Douglass@csulb.edu

I understand the rules of use for the SEM Quanta 200 at CNSM Signature: _____

Signature SEM custodian (C. Ojeda Aristizabal) _____
Claudia.Ojeda-Aristizabal@csulb.edu HSCI 248

In case of absence of C. Ojeda-Aristizabal, please contact R. Behl (Richard.Behl@csulb.edu HSCI 322)

Contact of certified users (February 2017):

Engineering:

Physics and Astronomy:

David Rosser: davidmylesrosser@gmail.com

Christopher Kim: chriskim.physics@gmail.com

Josue Rodriguez: jorodr30@gmail.com

Amirari Diego: amiraridiego@gmail.com

Sabrina Kaplan: sabrina3012345@gmail.com

Joseph Guzman: josephguzman1994@gmail.com

Samantha Crouch : samanthanicholecrouch@yahoo.com

SEM Quanta 200 CNSM

PI agreement page:

- 1. Users:** All users in my group using the SEM at CNSM will follow the certification procedure.
- 2. Fees:** I will contribute funds for maintenance of the microscope and consumables (e.g., tungsten filaments, carbon or gold sputter targets) through the CNSM account designated for this purpose.

(For a one- or two-time use only, contact the SEM custodian and certified user who can provide technical assistance for your project)

- a.** The hourly usage charge is \$15. The PI is expected to pay for the usage in January and July of each year. The CNSM faculty pays a reduced rate of \$10/hour.
- b.** The first 4 hours of use is provided free of charge.
- c.** A heavy user group (over 200 hours/year) pays \$2,000/year.
- d.** A power user group contributing \$4,000/year will have a priority sign-up.