



# ELECTRON MICROSCOPY FACILITY TEM Training Request Form

Date: \_\_\_\_\_

Name: \_\_\_\_\_ Email: \_\_\_\_\_

Department: \_\_\_\_\_ Phone: \_\_\_\_\_

University: \_\_\_\_\_

Graduate student (MS, or PhD) (PostDoc or Faculty)    MS    PhD    PostDoc    Faculty  
(Select only One)

UNDERGRADUATES CANNOT RECEIVE TEM TRAINING AND ARE NOT PERMITTED TO OPERATE THE TEM.

Account Authorizing (Advisor)

Name: \_\_\_\_\_ Email: \_\_\_\_\_ Phone: \_\_\_\_\_

Account Authorizing (Advisor) Signature: \_\_\_\_\_

Account Number:

Unit	Dept.	PC Bus Unit	Project	Activity	Initiative	Segment
COLUM						

Example: COLUM 1234567 SPONS GG123456 01 12345 SMITH1

The initial standard training for TEM will involve 4 hours of supervised time on the FEI Talos F200X at a cost of \$300. Additional or fewer hours may be needed depending on the level of prior experience and/or the type of experiments planned.

### BEFORE TRAINING CAN BEGIN:

- A. A BADGER ACCOUNT MUST BE CREATED FOR YOU  
Please go to <http://nano.columbia.edu/badger> and follow the instructions.
  
- B. SAFETY TRAINING MUST BE COMPLETED:  
The following safety classes must be completed before training can begin in the laboratory:
  - Laboratory Safety/Chemical Hygiene/Hazardous Waste/Laboratory Fire Safety Training- both the classroom and online class (Rascal website class: TC0950) (Login required) <https://www.rascal.columbia.edu/>

- Bloodborne Pathogen and Biosafety Training
- Radiation Safety Training
- Safe Use of Formaldehyde Training (Online Class only TC0016)

The schedule for these classes can be found at the following link:

<http://www.ehs.columbia.edu/TrainingSchedule.html>

Please email evidence of completing the courses to Dr. Christopher Goulbourne and sign below indicating that the above safety classes have been completed.

I confirm that I have completed the required safety training classes:

Name:

\_\_\_\_\_

Signature:

\_\_\_\_\_

Date courses completed:

Courses	Date
_____	_____
_____	_____
_____	_____
_____	_____

Research Plan:

Please describe as best as you can in the space below the following:

- Type of samples you will be examining with the TEM.
- Whether you already have samples available, or whether you need to make them.
- What you expect to learn from the TEM.
- Length of time you expect to need access to the TEM.

Please send the completed, signed and scanned forms to Dr. Christopher Goulbourne at [cg2929@columbia.edu](mailto:cg2929@columbia.edu).