

**NCI Campus at Frederick
Electron Microscope Program Application**

(Do Not Hand Write this Form)

The required information for the establishment of any new Electron Microscope Program can be supplied in the following document. This document has been created to simplify and to expedite the radiation application process by ensuring that all pertinent information as outlined in the NCI Campus at Frederick Radiation Safety Manual is supplied.

In addition, an Electron Microscope User Application Form for each individual requesting authorization to use an electron microscope must accompany this Program Application.

PROGRAM SUMMARY

Principal Investigator:
Organization:
Project Name:
Degrees:
Primary Radiation Training:

Radiation Area Supervisor:
Degrees:
Primary Radiation Training:

Protocol and Electron Microscope Information

Uses:

Protocol:

Electron Microscope Information: (fill out as appropriate)

Type of Unit: _____

Manufacturer: _____

Model#: _____

Serial#: _____

NIH#: _____

Operating Voltage: _____

Training

It is the responsibility of the Principal Investigator and/or Radiation Area Supervisor to oversee and document the training of specific laboratory procedures for laboratory personnel. Use of an Electron Microscope prior to successful completion of training provided by the Radiation Program's Principle Investigator or Area Supervisor is prohibited. Dated documentation of successful completion for all authorized users must be kept on file for review.

All procedures will be performed to keep exposure As Low As Reasonably Achievable (ALARA). Adequate shielding will be provided and used as necessary. Additionally, eye protection, remote handling devices and protective clothing will be used when appropriate.

Authorized Electron Microscope Use Areas

Building	Room

Radiation Monitoring Equipment

All procedures will be performed to keep exposure As Low As Reasonably Achievable (**ALARA**). Adequate shielding will be provided and used as necessary. Additionally, eye protection, remote handling devices, protective clothing, and radiation badge will be used when appropriate.

Please provide the Radiation Safety Office with a current and accurate list of meters (e.g., Geiger counter) used for monitoring within your laboratory. Include the model number, serial number and NIH number (when possible).

MONITORING EQUIPMENT		
Model	Serial #	NIH#

Radiation Safety Precautions To Be Used

All electron microscope procedures will be conducted in accordance with the NCI Campus at Frederick ALARA program. Appropriate safety equipment and personal protection equipment will be used.

(Principal Investigator Signature)

(Date)