David Cockayne Centre for Electron Microscopy

Facility for TEM, SEM & FIB

e: emaccess@materials.ox.ac.uk
w: www-em.materials.ox.ac.uk
Electron Microscopy for Research Projects

Dr Neil Young, EM Facility Manager

- Each major type of instrument has a support scientist who is the first point of contact in terms of EM questions, along with your project supervisor.
The facility maintains a suite of EM and related instrumentation at the main Parks Road laboratory. There are also some SEM’s based at Begbroke.
EM Access request Process

1. Your Supervisor must complete and return an Access Request for each project (sent out 13th September)
2. EM Support Scientists discuss the best way to deal with each project, return updated summary to student and supervisor and give dates for training.
3. Student receives training and access to facility instrumentation required for project.

**REQUEST FOR ACCESS TO ELECTRON MICROSCOPES**

Supervisors should use the form to request access to departmental electron microscopes facilities

[Form details]

**Project EM access request forms already received:** (10 as of 2/10/17)

James Famelton
Charles Fletcher
Megan Carter
Hui Luo
Kevin Hurlbutt
Christopher Magazzeni
Yatir Linden
Will Iliffe
Jack Fawdon
Ed Roberts
EM training has two parts: (i) Post-graduate level lecture courses (ii) Practical instrument & technique training

You will be advised on which post-graduate lectures to attend, and of course anyone can attend any lectures that interest them. You will also be invited to practical training sessions and modules with the EM research support staff.

All of the information will be covered by the EM access request form/ training summary, which you will receive once submitted/processed...

Relevant post-graduate Lectures:

**‘Foundation Topics for Electron Microscopy’** Dr Young /Dr Hughes/ Prof Nellist
(Covers basic science and mathematics underpinning all EM work)
– Starts Wednesday Week 1, 10am

**‘Microscopy and Analysis of Surfaces’** Dr Allen
(Lectures 1-3 cover essential theoretical background for SEM training)
- Starts Week 3
Some people you may encounter

Jennifer Holter
Research Support Scientist (SEM)
Jennifer.holter@materials.ox.ac.uk

Gareth Hughes
Research Support Scientist (FIB)
gareth.hughes@materials.ox.ac.uk

Neil Young
Facility Manager/ TEM support
neil.young@materials.ox.ac.uk

Ian Griffiths
Sample Preparation / STEM
ian.griffiths@materials.ox.ac.uk

+ EM technical staff, Graham Wyatt and Greg Cook

For general queries regarding EM training and research support, contact any one of the three EM support scientists, or emaccess@materials.ox.ac.uk

If you have a technical problem or microscope fault, contact em-faults@maillist.ox.ac.uk
Website  www-em.materials.ox.ac.uk
EM Drop-in session

Every Wednesday during term time

10am-12 noon

Holder Building Café

No need to pre-book, just drop in.
Questions ?