ORIENTATION FOR NEW MRL RESEARCHERS
Fall 2017

Welcome to the Materials Research Laboratory!

To help you get started with research at the MRL Central Research Facilities, the MRL staff present an orientation for researchers new to this facility. You’ll learn:

- how to find your way around the facility
- strategies for working safely at MRL
- how to use the training request and scheduling system
- answers to common questions about the facility

If you haven’t already submitted an online proposal to use the MRL Central Research Facilities, please do so: http://mrl.illinois.edu/becoming-user.

Instrument training requires an MRL user ID, which will be issued when your proposal is approved. You do not need to wait for your proposal to be approved before completing the MRL Orientation.

MRL Orientation is required before any other training can be scheduled. Completing the MRL Orientation consists of:

1. DRS online safety training: http://www.drs.illinois.edu/
   a. Laboratory Safety
   b. Chemical Safety: An Introduction

2. Attendance at an in-person MRL Orientation session
   (schedule is on the back of this page)

3. Completion of the annual MRL Building Emergency Action Plan (BEAP):
   go.illinois.edu/mrlbeap

To be admitted to the in-person MRL Orientation session, you must bring:

- Both of your DRS certificates (paper or electronic)
- Your University I-Card

After completing MRL Orientation, you may request training for specific instruments/techniques, if your proposal has been approved for those techniques.

Did you know...
All publications that incorporate results obtained through the MRL Central Research Facilities must include the following acknowledgement:

“…was carried out in part in the Frederick Seitz Materials Research Laboratory Central Research Facilities, University of Illinois.”

Please also send a copy of your publication to: mrl-facilities@illinois.edu
MRL Orientation and Cleanroom Orientation schedule

Last updated August 2017

MRL Orientation sessions for new researchers will be held in 280 MRL from 3 to 4pm. Expect to stay the entire hour.

MRL Cleanroom Orientation and Process Module lectures will be in room 202 MRL from 3-4:30 pm, unless otherwise noted.

- Orientation sessions for MRL and MNTL are not equivalent, but Process Module lectures are.
- To complete Process Module lectures at MNTL, email Edmond Chow, echow@illinois.edu.
- To learn about the requirements to perform lithography, etching or deposition, email Xiaoli Wang, xlwang84@illinois.edu.

Cleanroom sessions may be attended in any order.

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<th>August</th>
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<th>September</th>
<th>November</th>
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<tr>
<td>Tue Aug 22</td>
<td>MRL Orientation</td>
<td>Tue Oct 17</td>
<td>- MRL Orientation</td>
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<td>Mon Aug 28</td>
<td>MRL Orientation</td>
<td>Thu Oct 19</td>
<td>- Lithography lecture</td>
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<td>Tue Aug 29</td>
<td>Cleanroom Orientation</td>
<td>Tue Oct 24</td>
<td>- Deposition lecture</td>
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<td>Thu Aug 31</td>
<td>Lithography lecture</td>
<td>Thu Oct 26</td>
<td>- Etching lecture</td>
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| Mon Sep 11  | Cleanroom Orientation | Mon Sep 6         | MRL Orientation |
| Wed Sep 13  | Lithography lecture  | Tue Nov 7         | Cleanroom Orientation |
| Fri Sep 15  | Deposition lecture   | Thu Nov 9         | Lithography lecture |
| Mon Sep 18  | MRL Orientation      | Thu Nov 16        | Deposition lecture |
| Wed Sep 20  | Etching lecture      | Fri Nov 17        | Etching lecture |
| Thu Sep 21  | Cleanroom Orientation | **                |                   |
| Tue Sep 26  | Lithography lecture  | Tue Nov 28        | MRL Orientation |
| Thu Sep 28  | Deposition lecture   | Wed Nov 29        | Cleanroom Orientation |

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<th>October</th>
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<tr>
<td>Mon Oct 2</td>
<td>MRL Orientation</td>
<td>Fri Dec 1</td>
<td>- Lithography lecture</td>
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<td>Tue Oct 3</td>
<td>Etching lecture</td>
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<td>Wed Oct 4</td>
<td>Cleanroom Orientation</td>
<td>Wed Dec 6</td>
<td>- Etching lecture</td>
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<td>Fri Oct 6</td>
<td>Lithography lecture</td>
<td>Mon Dec 11</td>
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<td>Mon Oct 9</td>
<td>Deposition lecture</td>
<td>Tue Dec 12</td>
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<td>Thu Oct 12</td>
<td>Cleanroom Orientation</td>
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** No sessions during Thanksgiving Break, Winter and Finals Week.

General Orientation Questions? mrl-orientation@illinois.edu
Cleanroom Orientation/Process Module questions? Xiaoli Wang, xlwang84@illinois.edu
http://mrl.illinois.edu/microfab-cleanroom-access