

The Expanding World of Nanofabrication

An update from the Kingston NanoFabrication Lab – Dec. 10, 2015

Good day,

You are receiving this important update as a user of KNFL or a supervisor of a user.

Holiday break

Innovation Park and KNFL will be closed from **Dec. 24** at noon until **Jan. 4, 2016**. We are planning to shut down the tools over this time. If you are planning to use KNFL over this period, please inform me before the 24th. KNFL after-hours policies will apply.

Fee update

The commissioning period for the electron-beam lithography system (Raith Pioneer) and the mask aligner (Oriel) has now passed. Beginning **Jan. 4, 2016**, these tools will have the posted fees applied to their use (<http://knfl.ca/rates/>).

Chemical update

We have recently ordered new bottles of S1813 photoresist and SU-8 Developer. These will be available to all users in January, so you can plan your processing accordingly.

Evaporator status

The e-beam evaporator is currently unavailable. The high-voltage power supply has been sent for repairs, and we expect the tool to be operational again in the first half of January.

IT at KNFL

Computers: The lab is now equipped with a general-use computer with internet in each room. Please use these to access email, websites, MSDS, etc. There is also a network cable near the phone, or WiFi access, to connect your laptop.

Phones: There is now a phone in each room. A list of 4-digit internal extensions is provided near each phone. To dial out (local only), press "9" first, then the number.

Fabricating? Get financial assistance from CMC Microsystems

CMC Microsystems helps Canadian researchers with their micro/nano technology (MNT) fabrication needs (www.cmc.ca/mnt). As part of this, CMC offers financial assistance to ease the cost of fabrication, which you can use to access KNFL. Learn more about eligibility and how to apply at: <http://www.cmc.ca/en/WhatWeOffer/Make/MNTPortal/FinancialHelp.aspx>.

Congratulations!

Queen's Chemical Engineering student and KNFL user, Hannah Dies, has won the prestigious Vanier Canada Graduate Scholarship (<http://www.vanier.gc.ca/en/home-accueil.html>). See the article from the Queen's Gazette: <http://www.queensu.ca/gazette/stories/new-vanier-scholars-lead-way-research>. Congratulations Hannah!

We want to hear from you

KNFL is always interested in hearing about your research. Has your work at KNFL led to a publication or conference presentation? If so, please let us know. We also welcome feedback about our tools and services. Feel free to forward your questions, concerns, complaints, or praise to [me](#) or [Farouk](#), and we will do our best to respond.

If I don't see you at the lab, have a safe and relaxing holiday break!

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