

## The Expanding World of Nanofabrication – *an update from NanoFabrication Kingston*

September 30, 2024

Good day,

You are receiving this important update as a user of NFK, as a supervisor of a user, or as someone who requested to receive these updates.

### **Construction update**

The main parts of the building are scheduled to be completed very soon. Several big events are being held at 945 Princess Street this week, so crews are extra busy on last-minute details. Starting Oct. 3, crews will begin focusing on NFK and they plan to complete work on the service area and the new room within a couple of weeks. There will be some disruption during this time, but we are expecting to remain open throughout.

### **Deionized water**

The building's RO water supply is shut down as the new system is being installed this week and the holding tank is being moved. NFK's water purification system, which is fed by building RO water, must remain off during this time and we will not be able to get DI water from the hood sinks. Instead, you must use the bottled DI water we have collected in preparation for this event.

### **QReserve**

NFK has been using the new calendar and usage tracking tool, QReserve, since September 1<sup>st</sup>. For anyone that hasn't needed to use it yet, you can email me when you need to book something and I will help you get started. For anyone already using QReserve, please remember to follow the guide – book tools in advance so there is time to approve a reservation, use add-on resources when appropriate, and don't forget to check in and out of reservations on tools tracked by the hour. Until further notice, please also continue logging your usage on paper logs as before.

### **Spin coater recipes**

The new spin coater has a limited number of slots for recipes, so they have been configured for specific films and we all need to share them. Everyone should check the recipe before a spin to make sure it will do what you want, but remember that no parameter should be changed for any recipe except the spin rate, and for recipes marked with a \*, even the spin rate should be set back to the standard when you're finished.

### **MNT Award Program at CMC Microsystems**

For all of you who have been asking about CMC's MNT Award Program, while this is not an official announcement, it may be welcome news. CMC has recently launched [FABrIC](#), a huge 5-year project

funded by ISED that will include many of the services CMC is known for delivering. You may be particularly interested in the following (taken from [FABrIC's FAQ page](#)):

*Will the MNT Award program for access to open-access fab facilities (for academics) be restarted?*

*Yes, the MNT program will be restarted shortly. Some changes to the program are being implemented to fit with FABrIC activities and funding.*

### **Technical issues**

**Evaporator.** The second replacement cryopump on the evaporator has been installed and the system is working normally.

See you at the lab!

Graham Gibson

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