

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

February, 2018

Good day,

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

Demo equipment: Digital Microscope

NFK is pleased to host a demo microscope until the end of February. Come to the lab and try out a new **Keyence VHX-6000 digital microscope**, with tilt head and automated 3D rendering. For more information, please contact NFK or click [here](#).

New equipment: 3D Printer

A new tool is being commissioned at the NFK lab. The **MiiCraft 3D printer** is a stereolithography-type printer, using digital light projection to build a model layer by layer via photopolymerization. You can print 3D parts with dimensions up to 43x27x180 mm in blue acrylic at 50 µm layer resolution, which is particularly useful for microfluidic applications. Contact NFK for more information.

NFK Lab Safety Committee

NFK has some new faces on its Lab Safety Committee. NFK welcomes Mr. Christian Baldwin as the new User Representative, and officially adds Mr. Rob Dumont to the list that also includes Rick Boswell and me. Contact information for members of the Committee can be found on our [safety page](#) along with loads of other great safety information.

Congratulations Saeed Rismani Yazdi and Carlos Escobedo!

Saeed Rismani Yazdi was first author on a recent publication in the Wiley journal *Small*. The collaboration between professors Carlos Escobedo and Peter Davies, both of Queen's, describes a microfluidic chip to study magnetotactic bacteria. For more information about how the chip's fabrication was enabled by NFK, click [here](#).

We want to hear from you

NFK is always interested in hearing about your research. Has your work at NFK 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](#), and we will do our best to respond.

Fabricating? Get financial assistance from CMC Microsystems

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

See you at the lab!

Graham Gibson

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