

MAY 1, 2021 (FIRST EDITION OF A NEW SPORADICALLY-PUBLISHED NEWSLETTER)

LMF Gazette

(Because no one reads emails...)

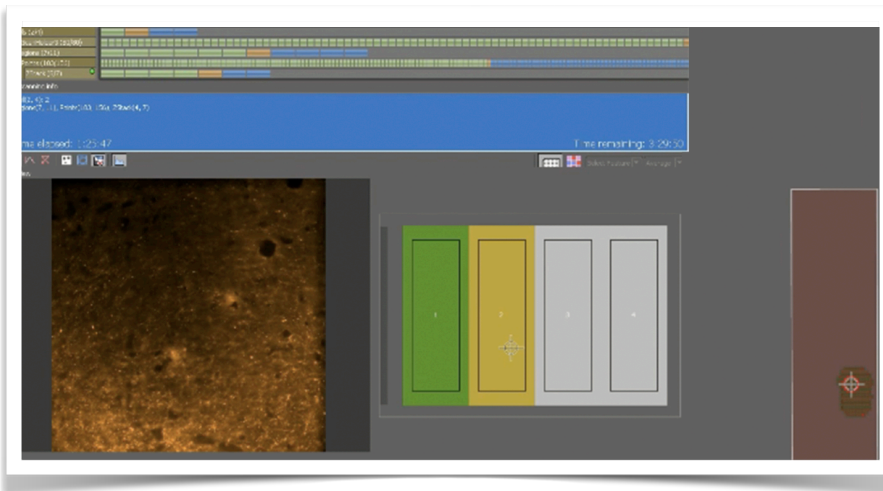


What do you call taking a picture of your own cells with a microscope?

A selfie!

TECH HIGHLIGHT: SLIDE SCANNING

We can now scan slides in an automated fashion on scanning confocal (A1R25), spinning disk (CrestV2), or wide field fluorescence (HCA). We can have the system detect tissue slices automatically using 4x and then collect high resolution tiles/z-stacks/etc. for focusing and stitching. It can then text you when done with the 4-slides from each run. The software is endlessly customizable and can even automatically analyze your data when done. LMF staff would be happy to help set this up with you.



TECH TIP: HOW CAN I GET MY DATA?

When imaging, save your data to the local data drive (usually D, E, F, G, or H) on every microscope PC. NEVER save to C-drive. ALWAYS back up your data to a location you fully control. When done, you can upload your data to your cloud service, email it to yourself, or make use of our [IALS network attached storage \(NAS\)](#). The NAS requires permission, so email [Jim](#) if you are interested. The NAS shows up as I-drive (10Gbps fiber) or Y-drive (slower copper ethernet) and the data there is accessible from anywhere in the world.

a

GET STARTED

New user orientation
Every Tu @10
Zoom@4135774580

b

GET HELP

Office hours
Every Mo @10, Th @10,
& Fr @11
Zoom@4135774580

c

GET ANSWERS

Use [LMF MS-Teams channels](#), chat with staff and other users (and future chatbot).

Instrument status

- 13 scopes, no known major issues
- SD (Yokogawa X1 spinning disk/FRAP/PA) will be upgraded soon (new camera, lasers, and [Live-SR!](#))

IT status

- 10Gbps fiber is functional on all main PCs (intranet to IALS 1.8PB NAS)
- Splashtop will continue to be used for remote workstation access. (email Jim for an account)
- NIS 5.3 on most PCs now
- Datadrives on many PCs will need to be pruned soon (yes, data deleted). Be sure your data is backed up where you have control of it.

Monthly pubs

- ★ Towards community-driven metadata standards for light microscopy: tiered specifications extending the OME model
- ✓ [Chemically Triggered Coalescence and Reactivity of Droplet Fibers](#)
- ✓ [Patterning Neuroepithelial Cell Sheet via a Sustained Chemical Gradient Generated by Localized Passive Diffusion Devices](#)
- ★ LMF staff author
- ✓ Papers that acknowledged the LMF and MLSC as they are supposed to.
- Missing your paper? [Send a link to Jim.](#)

Welcome new users

- James Pagaduan
- Neeraj Rajagopalan
- Sherly Makar
- Victor Ryu
- Nader Jaafar
- Ru Zheng
- Amanda Shorey
- Khatcher Margossian
- ★ feel free to say "Hi" to them on MS-Teams chat!

Non-microscopy stuff

[UMass Men's Hockey](#) wins the National Championship!

