



The Curriculum Fellows Program Announces:
Series on Education

Hacking Quantitative Experimental Design: A Framework for Quantitative Microscopy

Presented by:

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Sophisticated microscopy techniques offer new and exciting tools to address open questions in the biomedical sciences. However, to properly use these techniques and to obtain meaningful, robust results it's necessary to design one's experiments with both hypothesis testing and the technical demands of quantitation in mind. This talk will familiarize attendees with some of the technical parameters upon which image analysis algorithms are based, how these parameters translate to the preparation of the experiment and how to find pre-existing methods via Google through an interactive case study of particle tracking. Prototyping quantitative microscopy using simple test and ImageJ tools will be introduced. Time-permitting MATLAB code might also be introduced and discussed to help prepare for expert consultations.

Tuesday, April 12, 2016

12:30 – 1:30 PM

Waterhouse Room, Gordon Hall, 1st Floor

This series is open to everyone.

Please bring your lunch and join us!

RSVP to Lauren_Mackay@hms.harvard.edu appreciated

For more of our events visit:

<http://curriculumfellows.hms.harvard.edu>

