We are inviting approximately 20 members of the neuroscience community to join us for a 5-day course on our campus in Ann Arbor from June 17-21, 2019. The MINT Workshop will be heavily subsidized by the NSF. Participants will only be responsible for the transportation costs and their dinners. Registration and supplies are graciously provided by NSF NeuroNex.

At the workshop, you can select 1 of 2 tracks, either Brainbow/Clarity/Expansion microscopy or Optoelectrode/ePhys. See the workshop descriptions below for learning objectives and select your preferred track in the application.

Application is now OPEN. Apply here by Friday, May 19th. 
https://mint.engin.umich.edu/workshop/

**PRELIMINARY SCHEDULE**

**TRACK 1: Brainbow/Clarity/Expansion Micro**
*(10-15 available positions)*

**MONDAY EVENING**
6:00 pm  Introduction Meeting and Lecture

**TUESDAY MORNING**
8:00 am  Tissue Crosslinking; Brainbow+nTracer Lecture;
Tissue Incubation With Expansion Gel Monomer
Noon  Lunch provided

**AFTERNOON**
1:00 pm  Tissue Gelling
Hands-on Imaging on Confocal Microscope
5:00 pm  Dinner and evening on your own

**EVENING**
7:00 pm  Brainbow ExM+Microscopy Lecture: Tissue Digestion

**WEDNESDAY MORNING**
8:00 am  Primary Antibody and Imaging
Noon  Lunch provided

**AFTERNOON**
1:00 pm  More imaging Training
5:00 pm  Dinner and evening on your own

**THURSDAY MORNING**
8:00 am  Secondary Antibody and More imaging
Noon  Lunch provided – Survey and Discussion

**AFTERNOON**
1:00 pm  Imaging Group 5
5:00 pm  Dinner and evening on your own

**EVENING**
6:00 pm  Tissue Expansion+Mounting

**FRIDAY MORNING**
8:00 am  U-M lab tours if requested *(BOTH TRACKS)*
Trainees take back their expanded Brainbow samples back to their own lab to image and trace

**TRACK 2: Optoelectrode/Ephys Micro**
*(6 available positions)*

**MONDAY EVENING**
6:00 pm  Introduction Meeting and Lecture

**TUESDAY MORNING**
8:00 am  Introductory Lecture (1 hours) +Acute OptoePhys Surgery & Demo
Noon  Lunch provided

**AFTERNOON**
1:00 pm  Acute OptoePhys Surgery & Demo
5:00 pm  Dinner and evening on your own

**WEDNESDAY MORNING**
8:00 am  Hands-on Chronic Opto-ePhys Training
Noon  Lunch provided

**AFTERNOON**
1:00 pm  Electrode/Ephys Principles
5:00 pm  Dinner and evening on your own

**THURSDAY MORNING**
8:00 am  Microdrive Assembly and Chronic Surgery Prep
Noon  Lunch provided – Survey and Discussion

**AFTERNOON**
1:00 pm  Hands-on Chronic Opto-ePhys Training
5:00 pm  Dinner and evening on your own