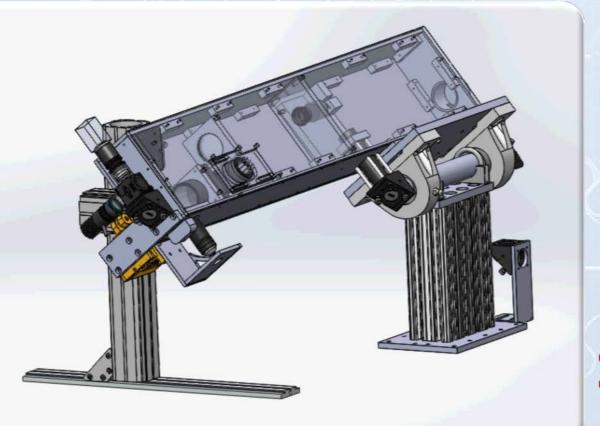
Neurotechnology Instrumentation Development

You can't buy the bleeding edge. You have to make it.



Joel Greenwood Ph.D.

Director of Neurotechnology

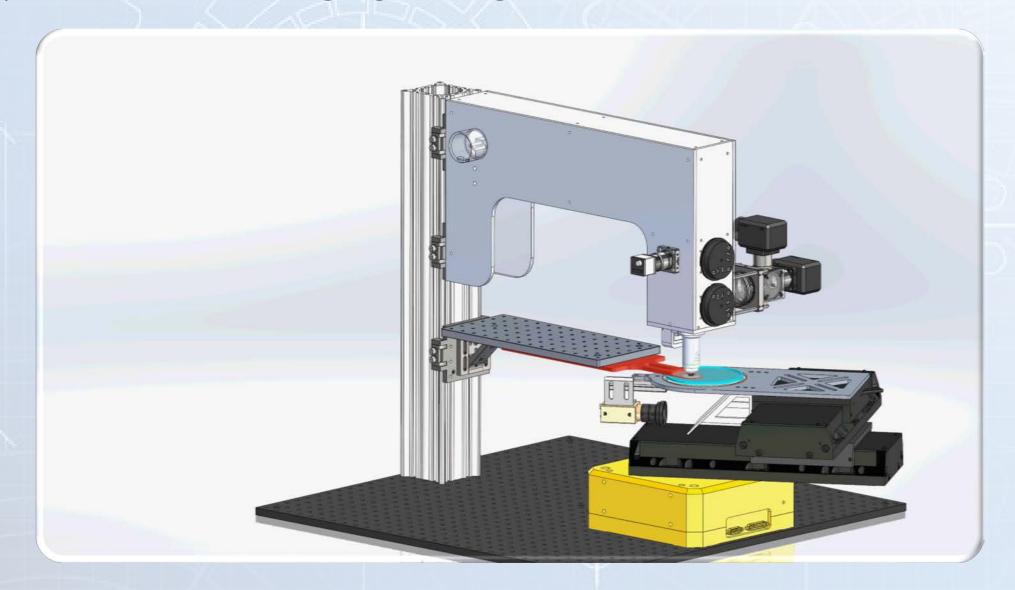
Department of Neuroscience, Yale University School of Medicine

Yale Day of Instrumentation • Nov 16th 2018



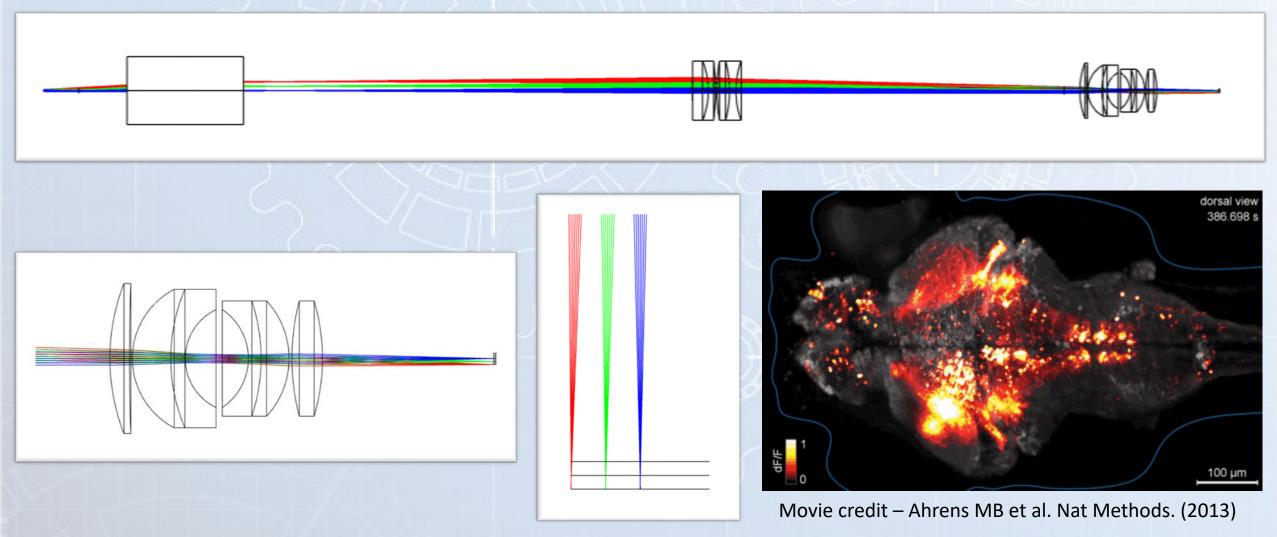
https://medicine.yale.edu/neuroscience/kavli/research/neurocore.aspx

Multi-photon neural imaging during active social behavior in Drosophila



Multi-axis light-sheet with visual stimulation for fast, whole-brain imaging in zebrafish

Collaboration with Hoffman Lab @ Yale Med



Yale Instrumentation Initiative

Scientific Advancement Instrumentation

Instrumentation Design

Experimental Design

Yale Instrumentation Initiative an opportunity for something radical No Boundaries. No Chargebacks.

Scientific Inquiry



Instrumentation Design



Fabrication