Neurotechnology Instrumentation Development

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

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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

Collaboration with Jeanne Lab @ Yale Med
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