



Discovery Science
Emerging Scholars Lecture

“Genetic Interrogation of Neural Circuit Mechanisms for Pain”



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We are working to uncover the mechanisms governing sensory encoding of touch, itch, and pain. Using optogenetics, quantitative analysis of animal behavior, and in vivo calcium imaging, we have:

- 1) determined how a population of pain-sensing neurons have unique morphological and physiological outputs depending upon body location, and
- 2) developed a new behavioral platform using high-speed videography, statistics, and machine learning to distinguish between innocuous vs. painful responses

Thursday
May 3, 2018
4:00 p.m.
512 Light Hall

This lecture series features the most promising young scientists who are making notable discoveries as postdoctoral fellows or early career faculty.

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