



School of Natural Sciences

QSB Seminar Series

UCMERCED

Color vision in *Heliconius erato*: Genes, Physiology and Behavior

By Adriana Briscoe, University of California, Irvine

Date:

Friday, January
19th, 2018

Time:

1:30PM-2:45PM

Location:

SSM 104

For More
Information
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Why do some birds have colorful plumage and some butterflies colorful wings? Does the particular shade of blue on the Morpho's wing matter? Or will any shade of blue do the trick? This talk will explore the question of why animal colors are what they are through the lens of evolution. By focusing on the visual system, wing pigmentation, and behavior of a mimetic butterfly, *Heliconius erato*, the audience will learn how natural and sexual selection has the potential to drive the evolution of coloration and vision in animals.