



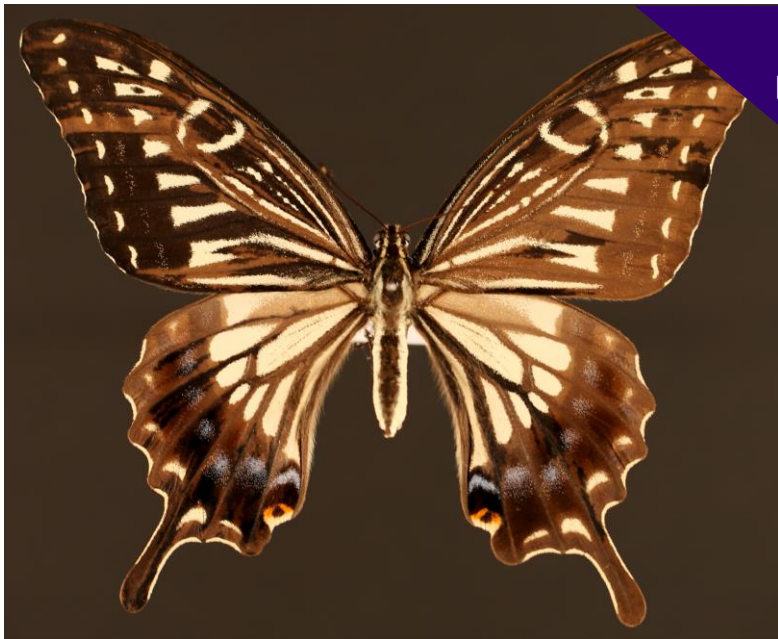
Faculty Search Biology Seminar

Speaker: **Michael Perry**

New York University | Postdoctoral Fellow, Department of Biology

<https://wp.nyu.edu/desplanlab/members-4/mike-sketch/>

The molecular basis of insect visual system development and evolution



Monday, March 26, 2018 | 12:00pm
HCK 132 Refreshments at 11:45am

Our research is aimed at understanding the development and evolution of the nervous system. We focus on the visual system of insects, particularly at the level of how cell fates are specified. Changes to the number and types of neurons animals produce can be adaptive, allowing for expanded color vision in butterflies or providing more sensitive target detection for male

flies that chase their mates. Through manipulation of a range of non-model organisms, we are interested in how such changes are genetically encoded and how they influence the interconnected network of the nervous system.

