The Search for Selection

A NIMBioS Tutorial

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A vast number of approaches have been suggested in this search for selection, including genomic-based signatures of recent or ongoing selection, tests based on either excessive amounts or nonrandom patterns of divergence and the more classical Lande-Arnold fitness estimates and their modern extensions. Given the breadth of such searches, a large amount of machinery has been developed, but is rarely presented in a unified fashion.

This tutorial presents an integrated overview of the selection approaches, *highlighting common themes and divergent assumptions. The intended audience is advanced graduate students, postdocs, and faculty with an interest in searching for targets of selection.*

Participation is by application only. Successful applicants will be notified within several weeks after the application deadline. Limited financial support for travel, meals and lodging is available.

Application Deadline: February 1, 2019

For more information and the link to apply, visit
www.nimbios.org/tutorials/selection

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