

Biology Seminar

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Extending micro to macroevolution in morphological studies

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One of the fundamental questions in evolution is understanding the processes that generate biodiversity at the geological, or macroevolutionary, time scales. While evolutionary processes, such as genetic drift and natural selection, are relatively well understood at the ecological, or microevolutionary, scale, it is still unclear how they translate over large scales. In this talk, I present an integrative framework I've been articulating to bridge the gap between micro and macro scales and present examples in studying the macroevolution of morphology.