

Cooper Fellow

LECTURE SERIES

Thursday, March 23, 2023 3:30 P.M. via Zoom

[https://miami.zoom.us/j/93861497692?](https://miami.zoom.us/j/93861497692?pwd=ZWNlOVVXdGJvYkZxT1hJSXZrM3pVZz09)

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R. Stephen Cantrell, PhD
Professor and Chair
Department of Mathematics

Title: Resource matching in spatial ecology and evolutionary advantage

Abstract: A convergence of concepts from game theory, ecological theory, and mathematics combine to explain how resource matching can convey evolutionary advantage across a range of modeling formats. In this talk we will discuss how this convergence emerged historically and how it consequently leads to predictions of evolutionary advantage in spatially heterogeneous and either temporally constant or seasonal habitats. Some interesting questions in perception, learning and memory emerge when seasonality is considered.



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Cooper Fellows Lectures are free and open to the public.

For more information, contact Rose Glemaud at 305-284-4021; rglemaud@miami.edu.

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