

Department of Biology | Seminar Series

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🕒 Friday, September 19, 2025 • 12-1 pm • Gilmer 390

Unravelling the complex regulation of the brain's dopamine system

Dopamine releasing neurons of the ventral midbrain regulation numerous motivated behaviors and emotional processes. We have performed comprehensive analysis of the genetic heterogeneity in these cells, the circuits that control them, the signaling pathways that regulate them, and the ion channels that give them their signature encoding properties. I will summarize how we think the system is organized to mediate its many functions.

Hosted by: Ali Guler, PhD and Christopher Deppmann, PhD

