

Distinguished Lecture Series in Physiology

**Catherine Christian-Hinman,
Ph.D.**

Associate Professor
Molecular and Integrative Physiology
University of Illinois Urbana-Champaign

“Dysregulation of hypothalamic and pituitary circuits controlling reproduction in a mouse model of epilepsy”

Temporal lobe epilepsy is a significant risk factor for a variety of reproductive endocrine comorbidities, but the mechanisms linking epilepsy to endocrine dysregulation remain poorly understood. I will present work from my lab examining cellular and circuit impacts on the hypothalamic-pituitary reproductive axis in a mouse model of epilepsy, in which we incorporate a variety of electrophysiological, biochemical, and computational approaches.

Thursday, April 3, 2025
GBSF and Zoom
12 p.m.



**April
3**



Catherine Christian-Hinman, Ph.D.
Associate Professor
Molecular and Integrative Physiology
University of Illinois Urbana-Champaign



Host: Theanne Griffith

tgriffith@ucdavis.edu