



DISTINGUISHED NEURAL PROSTHESIS WEBINAR

Join us for the 2019 Distinguished NP Webinar

Dr. Robert Kirsch invites you to the recognition reception honoring
Dr. Cori Bargmann immediately following the presentation

Friday, April 12

3:00 PM Presentation

4:00 PM Recognition Reception

Wolstein Research Building, Room 1413 | Case Western Reserve University



Cori Bargmann, PhD

President of Science, Chan Zuckerberg Initiative
Torsten N. Wiesel Professor, The Rockefeller University
Head, Lulu and Anthony Wang Laboratory of Neural Circuits and Behavior

Organizing Behavior Across Timescales

Genes, neurons, and circuits encode information, interpret it based on context and motivational states, and use that combined input to drive flexible behaviors. Understanding how these processes propagate across temporal and spatial scales is daunting in the complex human brain, but more straightforward in the simple brain of the nematode *C. elegans*. Our studies of *C. elegans* foraging behaviors have provided insights into three levels of behavioral regulation: the gating of information flow by circuit state over seconds, the extrasynaptic regulation of circuits by neuropeptides and neuromodulators over minutes and hours, and innate programs that modify behavior across development.

Live stream and interaction: FEScenter.org/Webinar



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