



Computational Neuroscience Initiative Basel presents:

Adrienne Fairhall | University of Washington

Seminar 13:00-14:30:

Rich representations in dopamine

Workshop 16:30-18:00:

**Biological mechanisms of reinforcement learning
in birdsong**

Tuesday, March 1st, 2022

in person at room 5.30 FMI, Maulbeerstrasse 66, Basel (please [register](https://fmi.ch/cnib) at fmi.ch/cnib), and online:

<https://fmi.zoom.us/j/93313626702?pwd=SnAweFd6N0NjTTBsQ1B1NlZraFZydz09> (seminar)

<https://fmi.zoom.us/j/97532724285?pwd=UE1TSC9Ta1IOWWNmZWVDSk10dThYdz09> (workshop)



Adrienne develops theoretical approaches to understand processing in nervous systems. She collaborates closely with experimental labs to uncover algorithms of information processing in a variety of sensory systems, including the retina, the somatosensory cortex, and areas performing visual motion detection, and in a range of other systems, from single neurons to foraging mosquitoes to navigating primates. She has received numerous awards for her work, is co-director of the Computational Neuroscience Center at the University of Washington, and has directed the Marine Biological Laboratory course "Methods in Computational Neuroscience".

FMI

Friedrich Miescher Institute for Biomedical Research

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