

# Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

## B-CALM

RRID:SCR\_023884

Type: Tool

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### Proper Citation

B-CALM (RRID:SCR\_023884)

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### Resource Information

**URL:** <https://github.com/namboodirilab/B-CALM>

**Proper Citation:** B-CALM (RRID:SCR\_023884)

**Description:** Open source system for behavioral control based on Arduino Mega microcontroller and MATLAB based graphical interface and analysis code. Behavior controller optimized and customized for associative learning and memory tasks. Provided software should be able to control many different types of hardware for different task configurations.

**Resource Type:** instrument resource, software resource

**Defining Citation:** [PMID:37464151](#)

**Keywords:** OpenBehavior, instrument, behavioral controller, associative learning and memory,

**Funding:** NIAAA R01AA029661;  
NIMH R00MH118422;  
NIMH R01MH129582;  
Scott Alan Myers Endowed Professorship

**Availability:** Free, Available for download, Freely available

**Resource Name:** B-CALM

**Resource ID:** SCR\_023884

**Alternate URLs:** <https://edspace.american.edu/openbehavior/project/b-calm/>

**Record Creation Time:** 20230728T050208+0000

**Record Last Update:** 20260821T194245+0000

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### Ratings and Alerts

No rating or validation information has been found for B-CALM.

No alerts have been found for B-CALM.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [NIF](#) .

Floeder JR, et al. (2025) Mesolimbic dopamine ramps reflect environmental timescales. eLife, 13.