

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

optoPAD project

RRID:SCR_021453

Type: Tool

Proper Citation

optoPAD project (RRID:SCR_021453)

Resource Information

URL: <https://edspace.american.edu/openbehavior/project/optopad-and-flypad/>

Proper Citation: optoPAD project (RRID:SCR_021453)

Description: Project related to analysis of behavior and of neural activity. Provides system which allows for specific perturbation of specific groups of neurons. Used as method to induce appetitive and aversive effects on feeding through activating or inhibiting gustatory neurons in closed loop manner.

Synonyms: optoPAD

Resource Type: data or information resource, instrument resource, portal, project portal

Defining Citation: [DOI:10.1038/ncomms5560](https://doi.org/10.1038/ncomms5560)

Keywords: Bonsai workflow, data acquisition, visual programming language, Bonsai, OpenBehavior, Instrument

Availability: Free, Freely available

Resource Name: optoPAD project

Resource ID: SCR_021453

Record Creation Time: 20220129T080355+0000

Record Last Update: 20260912T195956+0000

Ratings and Alerts

No rating or validation information has been found for optoPAD project.

No alerts have been found for optoPAD project.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Christie KW, et al. (2026) A pair of interneurons that confer positive real-time valence to sweet sensation in Drosophila. Current biology : CB, 36(4), 846.