



EXCITING NEWS!

We are re-launching the application for the
eCLOSE Institute's cost-free PD for science teachers
Questions: Dara.Ruiz-Whalen@ecloseinstitute.org



Participants will receive:

- Materials/small equipment for use in the laboratory and home classrooms
- A thank you gift card, for participating in full workshop
- Support as protocols/techniques are transferred to participant's classrooms

6 to 10 participants will be selected for this workshop

This is a competitive application reviewed by scientists & science educators

Option to take part in a PhD thesis project

graduate student does NOT select applicants

Graduate student does NOT review applications.

This is not part of the review process

Teachers can be formal/informal, middle/high school, Philadelphia preferred
(public, private, charter, vocational, technical, parochial)



Date & Time: 1/28/22 (5p-7p) and 1/29/22, 1/30/22 (9a- 12noon)

Location: Friday- ZOOM; Saturday/Sunday (eCLOSE Institute zip: 19006)

Participants: 6 to 10 participants

Primary Focus Group: High school: Biology (any level), General Science, and Middle school life-science **Others also considered: Health-related, environmental science, "STEM", & chemistry

Project focus: Dietary effects on Development using fruit flies as a model organism **We will use various techniques, to screen supplements against genes in cancer and diabetes signaling pathways.

Topics: Cell division/apoptosis, transduction pathways, and cancer/diabetes will be discussed. **Diet/nutrition will be linked to these discussions.

Techniques may include: pipetting, microscopy, solution preparation, fly work, data analysis, and internet research

GOOGLE APPLICATION FORM



<https://forms.gle/xak2ZPPMJGYv1TdG7>