

Faculty Member Contact Information

Name: **Faith Liebl**
Department: **Biological Sciences**
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Description of the URCA Assistant Position(s)

Number of students requested: **1**
Number of students to receive funding: **0 (This will be an unfunded position.)**
Will the student(s) be eligible to earn course credit? Yes **X** No If yes, in which course? **BIOL 493-012**
(If students are to earn credit hours for participating, they should earn 3 credit hours.)
Location of research/creative activities: **Laboratory Space, SL 3209c**

Brief description of the nature of the research/creative activity:

Forward genetic screen for mutations that affect *Drosophila* glutamate receptor cluster formation

Brief description of student responsibilities:

Dissect *Drosophila* larvae, perform immunocytochemistry, visualize labeling using fluorescence microscopy, analyze data.

URCA assistant positions are designed to provide students with *research or creative activities* experience. As such, there should be measurable, appropriate outcome goals. What exactly should your student(s) have learned by the end of this experience?

I would like students to gain an understanding of experimental design and analysis, practice developing and testing hypotheses, and gain experience in presenting their data by designing and presenting a poster for a local or national conference.

Requirements of Students

If the position(s) require students to be available at certain times each week (as opposed to them being able to set their own hours), please indicate all required days and times:

Hours are flexible

If the location of the research/creative activities is off campus, must students provide their own transportation?

N/A

Must students have taken any prerequisite classes? Please list classes and preferred grades:

BIOL 319 with a C or better

Other requirements:

None

Notes to applicants (i.e., any other information you'd like applicants to know about you or the position before applying):

None