

POSITION # F09-012

**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 who will be funded: **1**  
Will the student(s) earn course credit? Yes **X** No    If yes, in which course? **BIOL 493e-012**  
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.**

**Additional 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? Yes\_\_\_ No\_\_\_ N/A

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

**None**

Other requirements:

**Students must have previously worked in my lab.**

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

**None**