

**Faculty Member Contact Information**

Name: **Luci Kohn**  
Department: **Department of 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 position will be unfunded.)**

Will the student(s) be eligible to earn course credit? Yes **X** No If yes, in which course? **BIOL 493 section 022**  
(If students are to earn credit hours for participating, they should earn 3 credit hours.)

Location of research/creative activities: **SL 3209f Kohn lab in Biological Sciences**

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

**The influences of genetic and environmental factors on individual's body size: data from rhesus macaques (*Macaca mulatta*) from Cayo Santiago, Puerto Rico**

Brief description of student responsibilities:

- 1. conduct literature review on genetic and environmental factors influencing body size**
- 2. conduct literature review on life history traits that may influence body size**
- 3. help determine variables to study**
- 4. learn how to organize an existing data set that includes information on mothers, their offspring, and their relatives in order to analyze factors influencing body size**
- 5. learn how to analyze data using Excel and Systat**

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?

- 1. how to find published literature on the research topic.**
- 2. how to use the published literature to develop research hypotheses**
- 3. how to organize data in order to test hypotheses**
- 4. how to analyze data to test hypotheses**
- 5. how to interpret results of data analysis**

**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:

**None**

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 120 and BIOL 121 with 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**