

Faculty Member Contact Information

Name	Zhiqing Lin, PhD
Contact Info	
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Campus Box	1099
Department	Environmental Sciences; Biological Sciences

1 Funded, 1 Unfunded URCA Assistant(s)

Are you willing to work with students from outside of your discipline? If yes, which other disciplines?

- Yes

How many hours per week will your student(s) be required to work in this position?
(Minimum is 6 hours per week; typical is 9)

- 9

Will it be possible for your student(s) to earn course credit?

- Yes, in ENSC 499-021 for 1 credit hours.

Location of research/creative activities:

- SW 2090

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

- The objective of this research project is to determine biological accumulation of selenium in a soil-crop system under long-term fertilizer treatment. An incubation experiment will also be conducted to quantify the flux of selenium volatilization from the soil-crop system.

Brief description of student responsibilities?

- Assisting experimental setup, sample collection, sample preparation (grinding and acid-digestion) and chemical analyses of selenium using advanced analytical instruments.

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?

- QA/QC training associated with laboratory research experiments, data analysis and presentation of research findings.

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 involves off campus work, must students provide their own transportation?

- N/A

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

- College Biology and Chemistry

Other requirements or notes to applicants:

- None