

POSITION # F09-024

Faculty Member Contact Information

Name: **Timothy B. Patrick**
Department: **Chemistry**
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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? **Chem 396 or 496**
Location of research/creative activities: **SL 2212**

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

Preparation of ethyl 3-fluoroacrylate

Brief description of student responsibilities:

Conduct experiments, change reaction conditions to determine optimum yield, purify reaction mixtures by chromatography, determine chemical structure by spectroscopy.

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?

The student is contributing to a bigger overall project. They should learn team participation and the importance of their project to the larger project. Their work will contribute to a publication later.

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:

12 hrs per week to fit in their schedule

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:

Chem 241A

Other requirements:

None

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

Our research is listed on my homepage www.siue.edu/~tpatric