The University of Iowa TRIO Upward Bound Project

SUMMER SCIENCE INSTRUCTOR

BASIC FUNCTION AND RESPONSIBILITY

To create and teach an engaging science course to rising 10th, 11th and 12th grade students in the Upward Bound summer program. Each science course will meet on Tuesdays & Thursdays to simulate the structure of a college course (180 instructional minutes per week). Class periods are 90 minutes long, so that science courses can contain a lab component. Instructors may apply to teach multiple courses.

CHARACTERISTIC DUTIES AND RESPONSIBILITIES

Instructional duties:

- Create an engaging grade-level appropriate science course curriculum with lab component and syllabus for each course taught. Courses should include career exploration in fields related to science.
- Effectively implement curriculum developed for each course, utilizing a variety of teaching techniques, including cooperative learning approaches, interactive labs, and computer interactive technologies.
- Instruct students in specific study and logic strategies for the sciences.
- Familiarize students with college expectations unique to the study of the sciences.
- Develop and administer a course-specific pretest and posttest, and deliver data to Educational Specialists upon completion of the course.
- Develop and implement science-themed field trip on/near campus to compliment course material.
- Update grades on University's course management system (ICON) by Friday of each week.

Other duties:

- Facilitate at least 90 minutes of structured study time per week during afternoon study halls.
- Alert Project Director and Educational Specialists to student issues as they arise.
- Attend Upward Bound staff orientation and training sessions during the spring and summer.
- Attend weekly Upward Bound staff meetings during the summer program.
- Other duties as assigned.

SUPERVISION

Science instructors receive functional supervision from the Educational Specialists. The Upward Bound Project Director maintains administrative supervision over all summer program staff.
QUALIFICATIONS

Required:
- Bachelor’s degree
- Ability to employ a variety of teaching strategies, including cooperative learning
- Ability to teach the reasoning process involved in the study of the sciences
- Ability to handle multiple assignments, conflicting demands and priorities

Desired:
- Current certification to teach science at the secondary level
- Experience teaching science to high school students
- Experience incorporating computer technology into teaching and learning
- Experience working with students from low-income backgrounds, multiethnic backgrounds, and/or who are potential first-generation college graduates

SALARY RANGE

$1,200-$1,800 (per course) for five weeks of service.

Applicants may apply to teach up to three courses. Science instructors are encouraged to apply to teach a STEM Seminar course that could act as a supplement/lab or enrichment to their science course.

Employee training stipend included in salary; attendance at staff training is required. Position may include evening and weekend activities.

NON-NEGOTIABLE TRAINING DATES AND DUE DATES

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>May 17th</td>
<td>Final Curriculum and Supply List Due Via Email</td>
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<tr>
<td>June 21st</td>
<td>All Staff Training</td>
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<td>June 22nd</td>
<td>Summer Program Kickoff Picnic</td>
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<tr>
<td>June 24th-July 26th</td>
<td>Classroom Teaching</td>
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<td>Weekly Staff Meetings</td>
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For best consideration apply by March 8th.

Applicants may apply online at [https://uiowa.qualtrics.com/jfe/form/SV_40CS2gh8suIXv8N](https://uiowa.qualtrics.com/jfe/form/SV_40CS2gh8suIXv8N)

Or go to [http://diversity.uiowa.edu/employment-opportunities](http://diversity.uiowa.edu/employment-opportunities) or obtain a paper version of the application by visiting 24 Phillips Hall or calling or emailing Upward Bound at the below contact information.

An on-campus interview will be required. If you have questions, please call Upward Bound at (319) 335-6708 or email upward-bound@uiowa.edu

If you need an accommodation in order to apply for this position, please contact the Office of Equal Opportunity & Diversity by phone at (319) 335-0705 or (319) 335-0697 (TDD) or send an email to diversity@uiowa.edu.

Employment at the [University of Iowa](http://www.uiowa.edu) is subject to verification of an applicant’s identity and eligibility for employment as required by immigration laws. If hired, you will be asked to provide evidence that you are legally
permitted to work in the United States. This must be completed within 3 business days of starting your employment.

The University of Iowa values diversity among students, faculty, and staff and believes that a rich diversity of people and the many points of view they bring serve to enhance the quality of the educational experience at the University of Iowa.

The University of Iowa is an equal opportunity/affirmative action employer. All qualified applicants are encouraged to apply and will receive consideration for employment free from discrimination on the basis of race, creed, color, national origin, age, sex, pregnancy, sexual orientation, gender identity, genetic information, religion, associational preference, status as a qualified individual with a disability, or status as a protected veteran.

Appropriate background checks (e.g. criminal background and credential checks) will be conducted.