UNDERGRADUATE ASSISTANT – K-12 STEM OUTREACH

Posting ID: EM1972553F

Company: UNLV

Position Type: Part-Time

College Major(s): Civil Engineering (CEE), Construction Management (CEM), Mechanical Engineering (ME), Electrical/Computer Engineering (EE/CpE), Computer Science (CS), Entertainment Engineering (EED)

College Level(s): Undergraduate-Freshman, Undergraduate-Sophomore, Undergraduate-Junior, Undergraduate-Senior

Company Website:

Work Location: UNLV / Las Vegas K-12 Schools

Salary: $13-15/hr

OVERVIEW

Funded through the NSF EPSCoR grant – Solar Energy, Water, and Environment Nexus in Nevada (Nexus, for short) – UNLV students will visit local K-12 schools and attend community events to engage kids in STEM topics using hands-on kits. Examples educational ‘kits’ are shown on the Nexus website. (https://solarnexus.epscorspo.nevada.edu/kits)

The goals of the outreach program are to 1) educate students about solar energy and water treatment, 2) increase students’ interest in STEM topics, and 3) connect UNLV with the local community.

If you’re a STEM major and you like working with kids, this is the job for you!

Roles and Responsibilities

The lead person (Outreach Manager) is responsible for communicating with teachers and coordinating school visits. Resources from past outreach projects will be provided to aid you in contacting schools. While the Outreach Manager arranges all school visits, this person is not required to participate in every event.

Undergraduate Assistants – a team of four students will join the Outreach Manager as STEM Ambassadors. The number of STEM Ambassadors who participate in each school visit will depend on Ambassador availability and the number of students in the class. Ambassadors should expect to perform 1-2 school visits per week (3-6 hours/week).

All STEM Ambassadors will be trained how to use the educational kits prior to the school visits. All STEM Ambassadors will be responsible for ensuring that teachers and students complete the evaluation forms, which are used to assess program effectiveness.

Education and Qualifications

Successful candidates for Outreach Manager will possess strong organizational skills, oral and written communication skills, an ability to conduct work with limited oversight, and an ability to
lead a team of students. Candidates should have a strong interest in K-12 education and working with teachers and students. Undergraduate Assistants should have good oral communication skills, a positive attitude about STEM education, and a willingness to engage with K-12 students. Candidates should provide evidence of dependability. For all candidates – a reliable, personal vehicle is desirable but not required. You may be able to carpool from UNLV for school visits. Your class schedule should allow you blocks of time (2-4 hours) to participate in the school visits. While most are during the regular school day (7:30 am – 3:00 pm), some events will be special STEM programs that occur in the evening or on the weekend.

**How to Apply**

Provide a 1-2 page resume and brief statement of interest to Dr. Erica Marti (erica.marti@unlv.edu).

Please specify if you are applying for Outreach Manager, Undergraduate Assistant, or either. Applications will be reviewed as soon as they are received. Excellent candidates will be invited for a brief interview (in person or phone).