



STEM (Science Technology Engineering Mathematics) Initiatives Connector (Title III HSI STEM Grant)

Deadline to Apply:

Monday, April 1 at 3pm; or until filled.

Duration of Assignment:

Small hourly commitments in May and June, with full-time start date of July 1 2013. Project will last 1 – 2 years with the possibility of extension.

Work Days & Hours:

Monday – Friday 8 a.m. – 5 p.m. with occasional night and weekend as needed (no more than 40 hours per week for no more than 40 weeks per year)

Hourly Salary:

\$40.64 per hour; no benefits

Job Duties:

The goal of this project is to establish and strengthen Los Medanos College's connections to the Eastern Contra Costa County STEM pipeline. To do so, this position will work with the Title III HSI Grant Director to:

- Develop a comprehensive knowledge of activities and needs that exist at both Los Medanos College (LMC) and the community with regards to STEM education and student success;
- Link LMC's STEM initiatives with the external community (including the local high schools). This will be accomplished by serving as LMC's primary representative at existing STEM working groups in East County. Similarly, this person will serve on major STEM committees at LMC.
- Connect LMC's STEM faculty with middle and high school STEM teachers;
- Collaborate closely with LMC's MESA program, the MESA Director and LMC STEM faculty to develop a team of student STEM Ambassadors. These students will promote interest in STEM fields through visits to local middle and high school classrooms.

All of these activities will be carried out with special attention to increasing the number of underrepresented STEM students (e.g. Latino, African American, women, low-income, first generation etc.) studying at and transferring from LMC.

Minimum Requirements:

- Completion of a four-year (BA/BS) degree from an accredited college majoring in a STEM discipline.
- Experience at the secondary or college level with STEM students or programs.
- Expertise to lead initiatives to strengthen the pipeline for STEM students entering and transferring from Los Medanos College.
- Ability to facilitate and coordinate interactions between LMC STEM initiatives and other projects in the external community.



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Desirable Qualifications:

- Experience in promoting STEM education in pre-collegiate settings.
- Creativity and eagerness to promote student interest in STEM disciplines with particular attention to underrepresented populations (Latino, African American, Women, Low Income, etc.)
- Bilingual in Spanish and English (written and oral preferred)
- Experience teaching a STEM discipline.
- An understanding of equity issues related to academic achievement in particular in STEM disciplines.
- An enthusiasm for working with teams of energetic and creative STEM Students making public presentations.

How to Apply:

Email your resume, a copy of your transcripts (official or unofficial), and a cover letter explaining how you meet the minimum and desirable qualifications to Ryan Pedersen at rpedersen@losmedanos.edu

For more Information:

Call Ryan Pedersen at (925) 439-2181 x3940 or email rpedersen@losmedanos.edu