STEM GATEWAY

COURSES AND ACTIVITIES

HTTP://UNMSTEMGATEWAY.BLOGSPOT.COM/

(Activity Tab)
COURSES

STEM STUDENT INTEREST GROUPS & STEM ACADEMIES
STEM STUDENT INTEREST GROUP COURSES

Courses that were designed to help students:

• Engage with the connections between STEM disciplines
• Develop a broader understanding of science as a way of knowing and thinking
• Develop effective learning habits, and critical thinking skills
STEM ACADEMIES

Courses that were co-taught by STEM Gateway partners (El Centro, CEP and Womens Resource Center) and STEM graduate students or instructors.

Courses were designed to help students:

• Engage with the connections between STEM disciplines
• Develop effective learning habits, and critical thinking skills
• Explore ways to change the world through STEM
SSIG AND ACADEMY OUTCOMES

- Impacted 142 students over the course of the first two years
- Offered 22 sections
- Success rates rose from 80% in the Fall 2012 to 91% in the Fall 2013
- 95% of students reported that these courses prepared them to succeed in their entry-level science and math courses
- However, the average section size of 6.5 students was not sustainable. As a result, the Principal Investigators and Project Staff received permission from the program officer to develop alternative strategies to the “add-on” course.
SPECIAL THANKS TO...

Audriana Stark, SSIG Coordinator
FALL 2014 INITIATIVES

• Students for STEM Success
  – Student run workshops and activities

• STEM Lunch workshops at the SUB
  – Working on partnership with Student Centers

• Biology Labs Skills Workshops
  – Students required to attend at least 2 workshops

• Living Learning Community
SUMMER BRIDGE

- This summer, STEM Gateway is partnering with African American Student Services to offer a math-acceleration course utilizing the Math Learning Lab (MaLL) as part of a summer bridge program.
CEP MALL SUPPORT