

The “UP DATE”

Vol 1 Issue 1

2015 Graduates

Congratulations to our CNM and UNM Student Education Leaders (SEs)

Shalaine Buck-Mathematics

Lizzet Castillo-Biology

Kimberly Landry-Engineering

Sara Maes-Biology

Joshua Martin-Physics

Vidar Sanchez-Biology

Jason Seik-Nuclear Engineering

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Shalaine Buck
UNM



Lizzet Castillo
UNM



Kimberley Landry
CNM



Sara Maes
UNM



Joshua Martin
UNM



Vidar Sanchez
CNM

*Class of
2015*



Jason Seik
UNM

Biology, Nutrition and Environmental Science Walk About



Transfer Articulation Analyst Monica waits with students Leticia, Anthony, Ana, Natalie and Ghada at the south campus shuttle to UNM Main

Physics League Takes First Place

STEM Knowledge Bowl teams, Sandia judges and faculty advisors



Photo credit AISES Faculty Advisor Karen Gomez

On March 26 the 2015 STEM Knowledge Bowl took place in the student resource center Richard Barr room, CNM. This fun and competitive event was hosted by the American Indian Science Engineering Society (AISES).

Participants were asked a series of questions in a Jeopardy like style from categories in Physics, Biology, Chemistry and Astronomy. AISES took third place, Math took second while the Physics League took first place.

In an effort to initiate STEM student involvement from CNM, STEM clubs (Math League, Biology League, Physics League and Chemistry Society), AISES President Troy Black Dog launched the idea for the STEM Knowledge Bowl. Each club answered challenging questions from Sandia National Laboratory's judges while CNM faculty, students and the public observed.

Reflecting on his team's first place win, Physics STEM Bowl participant Luke Soule said, "I felt I earned it because I studied for hours. I had a lot of adrenaline it was a cool experience." The full time student saw it as a great opportunity that supports his future goal of working for Sandia National Laboratories.

Armed with a list of sample questions, Soule dedicated seven hours of study time balancing quiz preparation and homework.

AISES participant Hyapatia Perez enjoyed the STEM Knowledge Bowl because of the diversity among the students. Perez said participating in the Bowl was a great learning experience. To prepare for the Bowl, AISES conducted weekly planning meetings from the first week of February through March.

"Overall I had a great experience participating and I would definitely attend another event like this," Perez said.

Faculty advisors include Heather Fitzgerald-Biology League, Judy Lalani-Math League, Pavan Pillalamarri-Physics League, Dee Bluehorse and Karen Gomez-AISES.

Journey to Success

Fadi Jamaledin Ahmad reaches out to the community in a caring way.



Student Education Leader Fadi Jamaledin Ahmad left his home country Venezuela to further his education by moving to New Mexico.

Jamaledin Ahmad recently took time out of his academic schedule to share his story with our STEM UP audience. Majoring in Biology and Psychology, Ahmad plans to enter Medical School.

In 2010, Jamaledin Ahmad came to the United States and wasn't familiar with the American culture. Jamaledin Ahmad uses his skills from his cultural background by translating work from Spanish to English.

"Being in the USA is helping me to grow my communication skills and my power of understanding cultures, traditions and more," Jamaledin Ahmad said.

Jamaledin enrolled in English CELAC classes and uses his valuable skills for everyday life. Jamaledin Ahmad said the transition from CNM to UNM was not hard because he entered a program called Bridge to Success, facilitated by CNM Scholarships, that helps high school graduates and GED recipients transition to college and assists with tutoring and mentoring.

Jamaledin Ahmad is an excellent mentor for CNM students transitioning to UNM. Contact STEM UP's main line at 277.1723 to learn about Ahmad Jamaledin's study sessions.



Montse Rosales

Life Goals by SEL Montse Rosales

After some critical thinking and hours and hours of wondering we have decided to be STEM majors (congratulations, by the way) and that is definitely a great decision.

However, with great power comes great responsibility; being a STEM student will require more than great science and math skills: it will require discipline, enthusiasm, patience, integrity and planning. Having life goals helps us to stay focused on our target, and having a plan is the best strategy we can develop to achieve them: Slow because we are going far!

LinkedIn, one of the greatest professional networks, states that having a full career plan should have a
1) long-term mission and vision
2) medium-term objectives and
3) short-term accomplishments to achieve the greatest goal.



Nina Gardea

**Coach's Corner
Nina Gardea**

•If you are a STEM major, meet with your STEM UP academic advisor or Achievement Coach soon to course plan for summer or fall 2015 semester.

•Are you a UNM student interested in taking summer courses at CNM? April 13, 2015 was the first day of registration for new and returning students.

•Taking summer classes at a different institution? If so, meet with an advisor early to learn the requirements for registration and which classes will transfer.



STEM UP data newsletter coming out in June!



SEL Montse Rosales participates in a hands on experiment with CNM students during STEM week.

STEM Week March 9-14

Central New Mexico Community college hosted STEM week March 9-14th. CNM students and faculty stopped by to see what STEM week was about. Each day there were five different demonstrations and hands on experiments grabbing students' attention. Monday was Chemistry, Tuesday was Engineering, Wednesday was Nutrition, Thursday Physics and Friday Biology.

Demonstrations took place outside near the student resource center. Some of the demonstrations included composting worms and coke explosions using soda and Mentos. STEM UP Student Education Leaders from UNM and CNM helped with the day to day events and participated in hands on activities that took place.

CNM students also had the opportunity to participate in a treasure hunt that took place throughout the month of March to collect prizes of a water bottle or phone charger from the CNM STEM UP center.