

# GEAR UP

FOR

# GREATNESS



Nevada Department of Education, Carson City, Nevada

Spring 2009

## COLLEGE OF SOUTHERN NEVADA SCIENCE & TECHNOLOGY EXPO

Nevada State GEAR UP students from Las Vegas high schools spent the morning of March 27, 2009 exploring the great variety of career opportunities available to them at the College of Southern Nevada (CSN). This annual event showcases programs that prepare students to enter the work force after two years of technical training.

Students were met by GEAR UP team members and CCSN staff who provided maps of the campus and pencils so participants could make notes about areas that interested them. Then groups were off to explore on their own. Many went directly to the Planetarium where *Wonders of the Universe* was shown every half hour. Others headed for the Telecommunications Building where robots were demonstrated and students could use satellite technology to make phone calls. Medical careers and related fields attracted students in the Whitley Lounge. The Emergency Medical Services program was a popular stop with its SimMan, a life-like model of the human body that seems to breathe. College massage students practiced their techniques on many CCSD kids who formed long lines as they waited their turn. During this time, they were entertained by Las Vegas High School fashion students who were modeling professional dress for the work place.



The outdoor exhibits attracted students drawn to construction cranes, fire trucks, alternative fueled vehicles, and an opportunity to try their skills at welding. However, by far the most popular area were the exhibits provided by the United States Army. Crowds gathered to ride in the helicopter simulators, ascend a climbing wall, manipulate a bomb disposal robot, or demonstrate their air guitar skills. With so many things to do and so much to see the day was declared a success by both students and chaperones.

### GEAR UP is supported through the Nevada Department of Education and the Nevada State Board of Education

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700 E. Fifth Street, Carson City, NV 89701

Please see our web site at [www.doe.nv.gov/GEAR UP](http://www.doe.nv.gov/GEAR UP) for GEAR UP forms and information



**Women in Non-Traditional  
Careers Day  
Western Nevada College  
Friday, May 8, 2009**



Thanks to a generous \$10,000 grant from AT&T, ninth grade girls from Northern Nevada high schools enjoyed a day at Western Nevada College (WNC) learning about non-traditional careers. Girls enjoyed a continental breakfast, video presentation “Women in Careers: You can Succeed” and welcoming remarks by Dr. Carol Lucey, President, Western Nevada College and Carol Lange, Dean of Instruction. The key-note speaker was Nevada Assembly Speaker Barbara Buckley. FBI Agent Tiffany Short was a Guest Speaker. Career activities included:



- Walk in the Shoes of a Policewoman: Students learned defensive tactics from the Nevada State Peace Office Academy and the Carson City Explorers.
- Be the Next Meteorologist for the Weather Channel: Students took temperature readings at three different locations on campus. These were converted from Celsius to Fahrenheit and then to humidity readings.
- Let the Sparks Fly! Paired with WNC welding students, the girls were able to work with state of the art welding and cutting equipment.

- Glo-Jewelry-Chemistry: Students made simple bracelets that can function as a UV detector.



- Graphic Art-Logo Design: Students created a logo design to promote a business.
- ER Excursion—Nursing: Students assisted in providing emergency care to an acutely injured (model) patient.
- \*Hot Topic\* Use the Sun to Have Some Fun! Students build simple circuits powered by solar energy.

- Love to Win? Learn the Secrets Behind Games of Chance: Students explored the concepts of probability using dice, and used these ideas to predict the outcome of an expected experiment. They rolled two dice and kept track of individual outcomes.
- The Power to Change the World: Highlights of women using Information Technology and Computer Science/Engineering.
- Water Rocket Bottles—Can they land on the Moon? Students built and launched their own low-tech rockets using two-liter plastic soda bottles, cardboard and water. A bicycle pump was used to launch the rockets.



## EXPERIENCE COLLEGE LIFE!

June 21—25, 2009

University of Nevada, Reno



**Investigate college majors & career interests!**

**Stay in a college dormitory, eat college food, meet college professors & make new friends.**

**The fun includes a picnic, rock-wall climbing, swimming, basketball  
& other recreational activities**

**GEAR UP communities that will be attending:**

**Beatty, Gabbs, Hawthornie, Lovelock, McDermitt, Owyhee, Pahrump and Yerington**

**For more information contact:**

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### UNR Dean's Future Scholars Received AT&T ASPIRE Grant

Dean's Future Scholars has 80 ninth graders who are also GEAR UP students. They recently added more students to the 9<sup>th</sup> grade because of a very generous grant from AT&T. The grant, ASPIRE, provides \$200,000 over three years to help pay for college preparatory services to the students in the program.

The services include:

- \* Frequent mentoring with trained peers
- \* Involving parents and family
- \* Math acceleration
- \* 11<sup>th</sup> and 12<sup>th</sup> graders taking college courses in Summer as a bridge between high school and college
- \* Work and involvement on campus with groups and activities



Bob Edgington, Dean's Future Scholars director, says of the students, "These kids need someone to guide them. They're talented kids, but without someone to guide them, their chance of going to college would be pretty slim."

Other donors to the program are the UNR, USA Funds, Nevadaworks, City of Reno, Nevada Public Education Foundation, the Satre family and the Thimot family.

## NEVADA GEAR UP HIGH SCHOOLS

### CLARK COUNTY SCHOOL DISTRICT

Basic HS  
Chaparral HS  
Del Sol HS  
Desert Pines HS  
Eldorado HS  
Las Vegas HS  
Legacy HS  
Mojave HS  
Valley HS

CCSD CTE and Magnet Schools

### ELKO COUNTY SCHOOL DISTRICT

Owyhee HS

### LYON COUNTY SCHOOL DISTRICT

Yerington HS

### HUMBOLDT COUNTY SCHOOL DISTRICT

McDermitt HS

### MINERAL COUNTY SCHOOL DISTRICT

Mineral County HS

### NYE COUNTY SCHOOL DISTRICT

Beatty HS  
Gabbs HS  
Pahrump Valley HS  
Tonopah HS

### PERSHING COUNTY SCHOOL DISTRICT

Pershing County HS

### WASHOE COUNTY SCHOOL DISTRICT

Hug HS  
Wooster HS  
Dean's Future Scholars

## GEAR UP CONTACTS

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## GEAR UP PADRES

GEAR Up es un programa de apoyo para los estudiantes y padres con información y actividades para prepararlos para el colegio.

Suéñelo

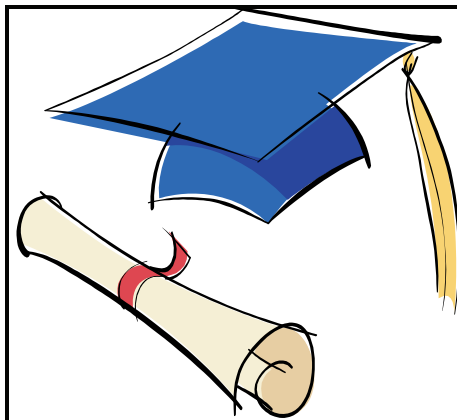
Créalo

Lógrelo

Favor de llamarle al consejero escolar de su hijo/hija para la información acerca del Programa GEAR UP

## GEAR UP Partners

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TM

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