Science

CAREERS IN SCIENCE

Science Technicians use the principles and theories of science and mathematics to solve problems in research and development and to help invent and improve products and processes.

Geoscientists study the composition, structure, and other physical aspects of the Earth, and the Earth's geologic past and present by using sophisticated instruments to analyze the composition of earth, rock, and water.

Chemists also employed in a wide variety of related professions such as molecular biology and biotechnology, material science, forensic science, hazardous waste management, textile science, and information management.

For more information see http://www.careercornerstone.org

The Department of Education predicts that between 2010-2020 there will be an increase in STEM Jobs. It’s crucial to begin planning for these positions. Biomedical Engineers will experience a 62% increase while Medical Scientist and Systems Software developers will experience a 36% and 32% increase respectively. In this newsletter we provide a few jobs in the Science and Technology field.

TECHNOLOGY

CAREERS IN TECHNOLOGY

Cardiovascular Technologists and technicians assist physicians in diagnosing and treating cardiac (heart) and peripheral vascular (blood vessel) ailments.

Dental Laboratory Technicians fill prescriptions from dentists for crowns, bridges, dentures, and other dental prosthetics.

STUDENT HIGHLIGHTS

Aaron Juarez earned an Associate Degree through Transmountain Early College High School Program. Kudos to the December 2014 Graduate.

Jesus Carrera received news from his University High School Counselor in Waco, Texas, that of the entire Junior Class he earned the highest PSAT score.

SWASAP Scholarship: Kelsey Gibbons
TASSSP Scholarship: Jazmin Escamilla
Gates Millennium Scholar: Jennifer Roca
Dell Scholar Award: Marla Baltazar

2014 SCHOLARSHIP RECIPIENTS

UT ARLINGTON Acceptances 12/16/14

LP: Maria Amador, Christopher Escamilla, Hayleigh Fiscus, Jacqueline Gonzalez, Itzel Morales

SP: Cynthia Diaz De Leon, Elizabeth Henderson, Aaron Juarez, Daisy Marquez, Karla Martinez

2014 SCHOLARSHIP RECIPIENTS

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COLLEGE APPLICATION TIMELINE

Getting ready to apply to college? Be sure to apply to at least four or more colleges. Follow the timeline provided to reduce the stress and stay ahead of the process. For more easy tips, see: https://student.collegeboard.org/apply-to-college-timeline

SEPTEMBER: Get on Track in the College Application Process. Make a list of 4-8 Colleges you are interested in attending. Talk to program staff or school counselor for available fee waivers.

OCTOBER: Create Your Smart List. Create a master list or calendar with application fees, deadlines, test dates, and your school’s application processing deadlines and Download college applications and financial aid forms.

NOVEMBER: Finish Your Applications. Application deadlines for most four-year colleges are in November and December. Take things one step at a time, and you’ll be fine.

DECEMBER/JANUARY: If you haven’t started the college planning process yet, it’s not too late. Find schools with later deadlines to create and finalize your list of choices, and work on completing your applications. Talk to your school counselor or adviser about the college search and application process.

FEBRUARY/MARCH: Find Financial Aid. There are tons of resources that can help you afford college — make sure you take advantage of them! Fill out the FAFSA at: https://fafsa.ed.gov/

APRIL: Evaluate Your Options and Make a Decision. Most colleges will notify you of their acceptance decisions in April. No matter what happens, don’t forget — you have options.

MAY/JUNE: Now that your senior year is coming to an end and you’ve decided which college you’ll be attending in the fall, it’s time to start planning your transition to college. Here’s a resource: https://studentaid.ed.gov/

PARENTS

MAKE A PLAN

Remind your students to have a plan. Need help guiding them? Go to www.bigfuture.org and click on make a plan for a simple process that was designed with your student in mind.

THE HOME COURT ADVANTAGE

Parents, the right game plan at home can help your child thrive in school. You are a greater influence than you can imagine and there are tons of help available.

First, help your student set goals, daily, weekly, monthly. Help them understand the connection between wanting something and making the effort to get it.

Second, be a coach, not just a spectator. Attend events and activities in which your student participates.

Practice. Practice. Practice. Homework is a key to your students skill development. Make the expectations clear and attainable.

Source: Parenting Corner, 2012 Edition

UBMS PROGRAM STAFF

Lisa Thompson Senior Director
Richard Raleigh UBMS Director
Chinh Cao Coordinator
Fidel Zapata Bridge Coord./Counselor
Gloria Solorzano Support Specialist II
Enrique Delgado Technology Specialist
Ryan Hilton Tech Asst/Tutor
Esai Garza Target School Tutor
Stephen Sandoval Tutor/Work Study
Melanie Mendez Tutor/Work Study
Kassandra Sanchez Tutor/Work Study

SPRING 2015 CALENDAR DATES

STATE PROGRAM (SP)
OTA TUTORING—As needed
UBMS—State Online Tutoring
January 14th & February 12th
Tutoring in most subjects:
Online 6:00 pm -7:00 pm, emailed

ICCP DUE DATE:
All missing ICCPs: January 5th
January ICCP: January 30th

Video Conferencing Sessions (VC)
Live Sessions: January 29th, 6p-8p
Recorded Session: February 4th—27th

1-on-1 phone sessions: Mon-Wed
January 20th—22nd
Time: 5:00– 7:00 pm (CST)

LOCAL PROGRAM (LP)
WEEKLY TUTORIAL TIMES:
January 12th-15th; January 26th-29th; February 9th-12th

Ennis: Tuesday 4:00—6:00 PM
Alvarado: Thursday 3:30—5:30 PM
Venus: Wednesday 3:40—5:40 PM
Timberview: Drop-off/Pickup from the Planetarium Circle by 9:30 am/2:00 pm

E-3 SATURDAY ACTIVITY: 10AM-2PM
January 10th & 24th; February 7th

Saturday HS Pick-Up Schedule:
Ennis : 8:15—8:30 AM
Alvarado: 8:45—9:00 AM
Venus: 8:45—9:00 AM
Timberview: 9:15—9:30 AM

BNSF Project Due Date: January 16th
BNSF Technology Awareness Day (FW): February 21st, 9am-3:30pm

PROGRAM STATISTICS

100% of the UBMS Seniors graduated from high school and from those Seniors, 82% enrolled for the Fall 2014 at a Postsecondary Institution.

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