

Biotechnology Education Summit & Training Friday, November 14, 2008

We invite you and your students to participate in
Biotechnology Education Summit & Training (B.E.S.T.)
Fall 2008.

This Summit is open to school districts in the Houston Area who wish to advance their student's knowledge in the field of Biotechnology. Each high school is invited to bring 100 students from 9th-12th grade.

Transportation will be the responsibility of each school district. If you have any difficulties securing transportation, do not hesitate to contact us. Additionally, students will need to pack their own sack lunch. A location for classes to eat will be provided.

At this time, we are awaiting specific information regarding our speakers. Last semester, our Biotechnology Professionals gave dynamic talks, and we expect a similar result this year. More information regarding specific speakers will be provided at a later date.

If there are any specific documents or forms needed by your school district in order for you and your students to attend, please let us know and we will take the necessary steps.

Registration for the Friday, November 14, 2008 event will be done by e-mailing or calling Lance Hallberg (contact information listed on the back of this brochure).

If you have any questions, feel free to contact us.

- B.E.S.T. Organizing Committee

The Biotechnology Education Summit and Training is
Sponsored by:

Galveston College Biotechnology Program



Education • Industry • Government • Economic Development



AHEC: Connecting Students to Careers, Professionals to Communities, and Communities to Better Health



Galveston College Biotechnology Program,
UTMB Office of Educational Outreach, East
Texas Health Education Center, Coastal Area
Health Education Center, and San Jacinto
Aerospace & Biotechnology Academy

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It is the policy of Galveston College to provide equal opportunities without regard to age, race, color, religion, national origin, sex, disability or veteran status.

Galveston College Biotechnology Program, UTMB Office of Educational Outreach, East Texas Health Education Center, Coastal Area Health Education Center, and San Jacinto Aerospace & Biotechnology Academy

Present

Biotechnology Education Summit and Training

B.E.S.T. Careers
Building Biotechnology Futures



B.E.S.T. Conference
November 14, 2008
9:30 a.m. - 1:30 p.m.
Levin Hall
UTMB Campus
Galveston, Texas 77555

BIOTECHNOLOGY:

What is it and why it is important to you?

Broadly defined, biotechnology is any technology that uses living organisms or their products for the benefit of humans and the environment. Biotechnology is not new; it has been used for hundreds of years as we learned to domesticate animals and manipulate microorganisms.

Today we are developing cutting edge technologies that enable us to create new materials (chemistry, nanotechnology), new medical therapies (new proteins, antibodies) and medical devices. These developments are supported by bio-manufacturing technologies and the use of bioinformatics to mine genomic and proteomic databases. We are seeing the effects of technological advancements throughout our daily lives in products that we use every day.

The purpose of this Education Summit is to report on the exciting fields that are encompassed by the term "Biotechnology". The Houston Metroplex is now host to many major biotechnology companies with millions of dollars going to the development of transgenic animals, bio-products, medically important proteins, medical gene therapies and nano-materials. Students and teachers will be introduced to the research, development, and marketing of these biotechnologies and the career opportunities that this marketplace represents for the future workforce.

Last year proved to be an exciting venture into the dynamic world of Biotechnology as speakers highlighted their careers and experiences in the ever-changing field.

The Galveston College Biotechnology Program, San Jacinto Aerospace Academy, both UTMB East Texas and Coastal AHEC programs are proud to bring to you this Biotechnology Education Summit and Training.

SCHEDULE

9:00am-9:30am	Busses Arrive/Registration Poster Submission*
9:30am- 9:45am	Introduction and Welcome
9:45am-10:15am	Biotechnology Talk #1 (Speaker TBA)
10:15am-10:30am	Hands-On Demonstration
10:30am-10:50am	Break/Career Booth Visitation
10:50am-11:30am	Biotechnology Talk #2 (Speaker TBA)
11:30am-11:45am	Hands-On Demonstration
11:45am-12:30pm	Sack Lunch^/Career Booth Visitation
12:30pm-1:00pm	Biotechnology Talk #3 (Speaker TBA)
1:00pm-1:15pm	Hands-On Demonstration
1:15pm-1:30pm	Closing/Busses Depart

* See information below for Poster Contest criteria

^ Students must provide their own sack lunch

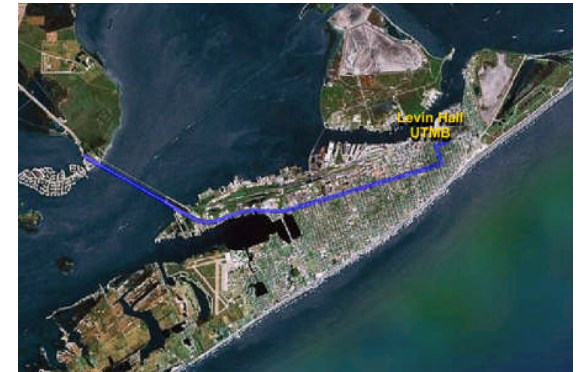
Biotechnology Enrichment Poster Contest

In an effort to enhance the Biotechnology learning experience, we are asking that each class attending perform research or a scientific experiment related to Biotechnology. As a group, each class is asked to seek out an interesting topic in Biotechnology, research and analyze it, then create a 3-fold presentation board on their research and findings. This project can be done in conjunction with science or real-world experiences already part of the teacher's curriculum.

Each 3-fold poster will be judged based on creativity, content, and relativity to Biotechnology. It is not our intent to add excessive work onto an already busy schedule for teachers, however, such an experience may bring light to the many opportunities available to your students in careers in Biotechnology.

The winning poster will be awarded a prize at the end of the day.

Directions to Levin Hall, UTMB Campus, Galveston, TX 77555



Directions from I45 Galveston Causeway

Travel South on I-45

1. Head **southeast** on **I45 S**
2. Continue on **Avenue J/Broadway St**
3. Turn **left** at **14th St/Christopher Columbus Blvd**
4. Turn **right** at **Avenue D/Market St**

The Biotechnology Education Summit was developed to introduce students to the multitude of available career opportunities in the biotechnology and allied health fields in the Houston/Galveston area. The Houston-Galveston Metroplex is host to numerous Biotech Companies as well as some of the nation's best medical centers.

Through this summit, students will come to understand the types of skills and education necessary to enter these careers and how to continue their education after high school.