

WHAT'S HOT IN HOSA?

BIOTECHNOLOGY

According to the U.S. Department of Labor, one industry that's **HOT** is the Biotechnology industry. According to the CareerVoyages website,

Biotechnology may be one of the most important applied sciences of the 21st century. This science uses living cells and materials produced by cells to create pharmaceutical, diagnostic, agricultural, environmental, and other products to benefit society.
http://www.careervoyages.gov/focusonthefuture_biotech.cfm

Classroom teachers teach concepts of biotechnology when they teach health careers, the human cell, the use of a microscope, and genetics. The Human Genome Project, genetic engineering, gene therapy and bioterrorism are all topics in biotechnology, and these just begin to scratch the surface of health-related issues.

HOSA advisors understand that HOSA members should have an opportunity to learn about emerging trends in health care. As a HOSA advisor, you can expose HOSA members to cutting edge concepts that will help them learn about health care in the future and potential career opportunities. Here are some suggestions for integrating Biotechnology in HOSA, and websites to support your efforts.

CAREER HEALTH DISPLAY

Students with strong science skills may be encouraged to select one of the **HOT** biotech-related occupations for the Career Health Display event. For example:

Medical scientist <http://www.accessexcellence.org/AB/CC/bloom.html>

Epidemiologist <http://www.biorap.org/br6career.html>

Pharmaceutical sales <http://www.pharmaceutical-sales.com/>

Clinical research associate http://www.accessexcellence.org/AB/CC/bio_career_1.html

Medical technologist http://www.hosa.org/career/career_profiles_links.html

Clinical laboratory technician http://www.hosa.org/career/career_profiles_links.html

Cytotechnologist <http://www.asct.com/>

Biomedical engineer

<http://www.bmes.org/careers.asp>

Biomedical equipment technician

<http://www.flahec.org/hlthcareers/bioequip.HTM>



CLINICAL SPECIALTY

Many of the biotech careers listed above would be great choices for the Clinical Specialty event. Clinical Specialty will be a Pilot event at the 2004 National HOSA Leadership Conference and has great potential for the future. The event guidelines are available in the HOSA Handbook: Section B. HOSA members can access an article on the event at http://www.hosa.org/emag/articles/news_october03_pg1.pdf

