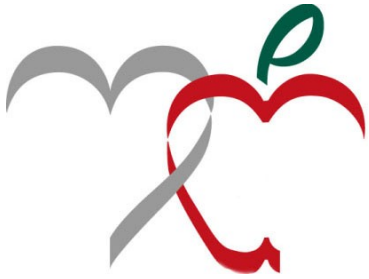


# Biomedical and Health Science Initiative: NCHSTE Partner Role

NASDCTEc Meeting

April 12, 2005



# *NCHSTE*

The National Consortium on Health Science and Technology Education (NCHSTE) is a national partnership of individuals and organizations with a vested interest in health science and technology education.

Organized in 1991, its purpose is to stimulate creative and innovative leadership for ensuring a well prepared health care workforce.

Primary strategies include fostering collaboration among educational agencies, the health care community, policy-making bodies, and labor.



# *NCHSTE*

## NCHSTE membership represents:

- Health care employers (5)
- Departments of Education (24)
- Professional Associations (4)
- Area Health Education Centers (3)
- Publisher's Coalition (8)
- US Dept of Education (1)
- Private Consultants (2)
- HOSA Student Organization (1)
- HPN Liaison

# *Biomedical and Health Science Curriculum Initiative*

## A National secondary curriculum:

- Engage students in learning rigorous academic and technical knowledge
- Raise student achievement in science, math, English and social studies
- Improve readiness for college
- Increase number of students completing postsecondary degrees
- Increase number of students selecting careers in biomedical and health sciences

# *National Healthcare Skill Standards*

## Foundation Standards

- West Ed Laboratories
- Setting-the-Bar Summit
- Recognized & Valued

## Pathway Standards

- Summit
- Validation Process

*Standards and Accountability Criteria can be obtained  
at [www.nchste.org](http://www.nchste.org)*

# *Standards-Based Curriculum*

## NHC Foundation Standards

- The foundation standards are common to all health care career opportunities from entry to professional
- The foundation standards set the base for what students pursuing a career in health care are expected to know and be able to do
- The foundation standards are never “completed” but become more complex and specific as the learner reaches the point of career entry
- Standards form the base for curriculum design and assessment

# *National Healthcare Foundation Standards*

Academic  
Foundation  
Communications  
Systems  
Employability Skills  
Legal  
Responsibilities  
Ethics

Safety Practices  
Teamwork  
Technical Skills  
Information  
Technology  
Applications  
Health Maintenance  
Practices

# Health Science Career Cluster

Places of Learning

Post Secondary

## Employment in Career Specialties

### Career Preparation Pathway Standards

- Diagnostic
- Therapeutic
- Biotechnology Research and Development
- Health Informatics
- Support Services

Work Place

High School

### Career Orientation/Preparation Cluster Foundation Standards

- Academic Foundation
- Communications
- Systems
- Employability Skills
- Legal Responsibilities
- Ethics
- Safety Practices
- Teamwork
- Health Maintenance Practices
- Technical Skills
- Information Technology Applications

Work Place

Middle

Elementary

### Career Exploration/Orientation

Career Awareness

Places of Learning

# *Critical Components*

1. Administrative Support
2. Shared Planning Time
3. Career Development
4. Professional Development
5. Standards-based Curriculum
6. Parent & Community Support
7. Education Partnerships
8. Health Care Partnerships

# *Critical Components*

9. Multi-measure Assessment
10. Interdisciplinary Teams
11. Flexible Schedules
12. Integrated Curriculum
13. Creative & Innovative Teaching Strategies
14. Work-based Learning
15. Student Centered Learning

# *Building Linkages*

Health Care and Education Partnerships:

“require a shared vision and a statement of purpose and goals that both partners value, understand and support”

# *Building Linkages*

Partners need to:

- Create a common language
- Develop a strategic plan together
- Align education needs with health care resources
- Learn each others culture
- Establish clear actionable expectations
- Build a sustainable relationship
- Value the work to be completed
- Anticipate a long-term partnership
- Get the right players to the table

# *Building Linkages*

- Health Science Partnerships include:
  - Hospitals and healthcare organizations
  - Professional Associations
  - Government entities
  - Colleges and universities
  - Clinics and laboratories
  - Publisher's
  - Manufacturer's
  - Community and service groups

# *Building Linkages CD*

## Health Care Industry and Education

### Partnership Toolkit

- Operational Guidelines
- Orientation Template
- Student information
- Release and approval forms
- Job shadow check sheet