

Engaging Youth in Dental Careers: Let the Tooth Be Told





**This project was supported by
HRSA Grant # D18HP21654
Health Careers Opportunity
Program**

**This oral health curriculum was compiled by :
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**Members of the MassAHEC Network,
sponsored by UMass Medical School.**



Oral Health Curriculum

2 Modules

- Introductory
- Intermediate

6 Learning Segments

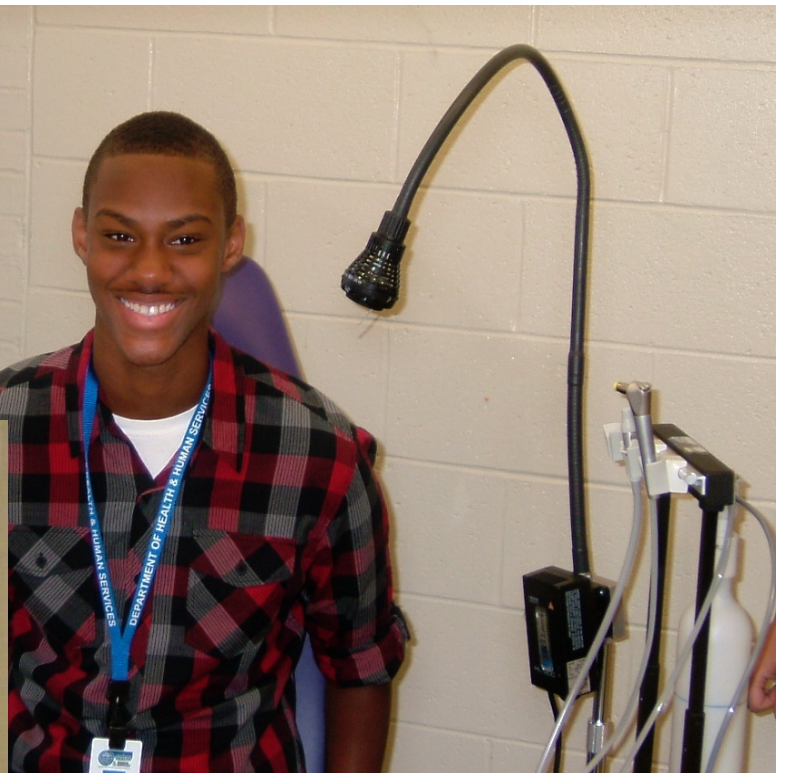
- Lesson Plans
- Outline of Teaching Methods
- Interactive Activities & Games
- Assessments

Overall Program Goals

Workforce development
Increase diversity in dental professions

Specific Program Objectives: The students will be able to.....

- discuss the various career options in the dental field.
- summarize the important role of the dentist and dental hygienist in maintaining the total health of their patients.
- identify important oral health related issues facing young adults.
- recognize the exciting advancements that are being made in the field of dentistry and dental research.



Pioneer Valley and Boston AHECs

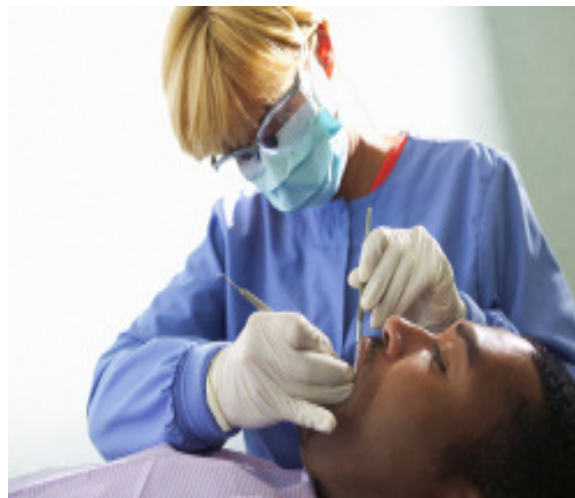
Summer Enrichment Program

2011 -2012

Module 1



Dentist



Dental Hygienist



Dental Lab
Technician



Dental Specialties

Periodontics

Endodontics

Pediatric Dentistry

Prosthodontics

Oral Surgery

Orthodontics

Oral Pathologist: identifies and manages diseases affecting the oral and maxillofacial regions and investigates the causes, processes and effects of these diseases.

Oral Radiologist: a dentist specialized in the interpretation of radiographic imaging studies such as MRI, CT scans....

A Multi-Cultural Crisis in Oral Health In America



- In 2000, 108 million without dental insurance.
- 51 million school hours lost due to dental problems.
- 164 million hours of work lost to dental disease.
- In 1999, 2% of practicing dentists were African American... 4% Hispanic.

Barriers to good oral health:

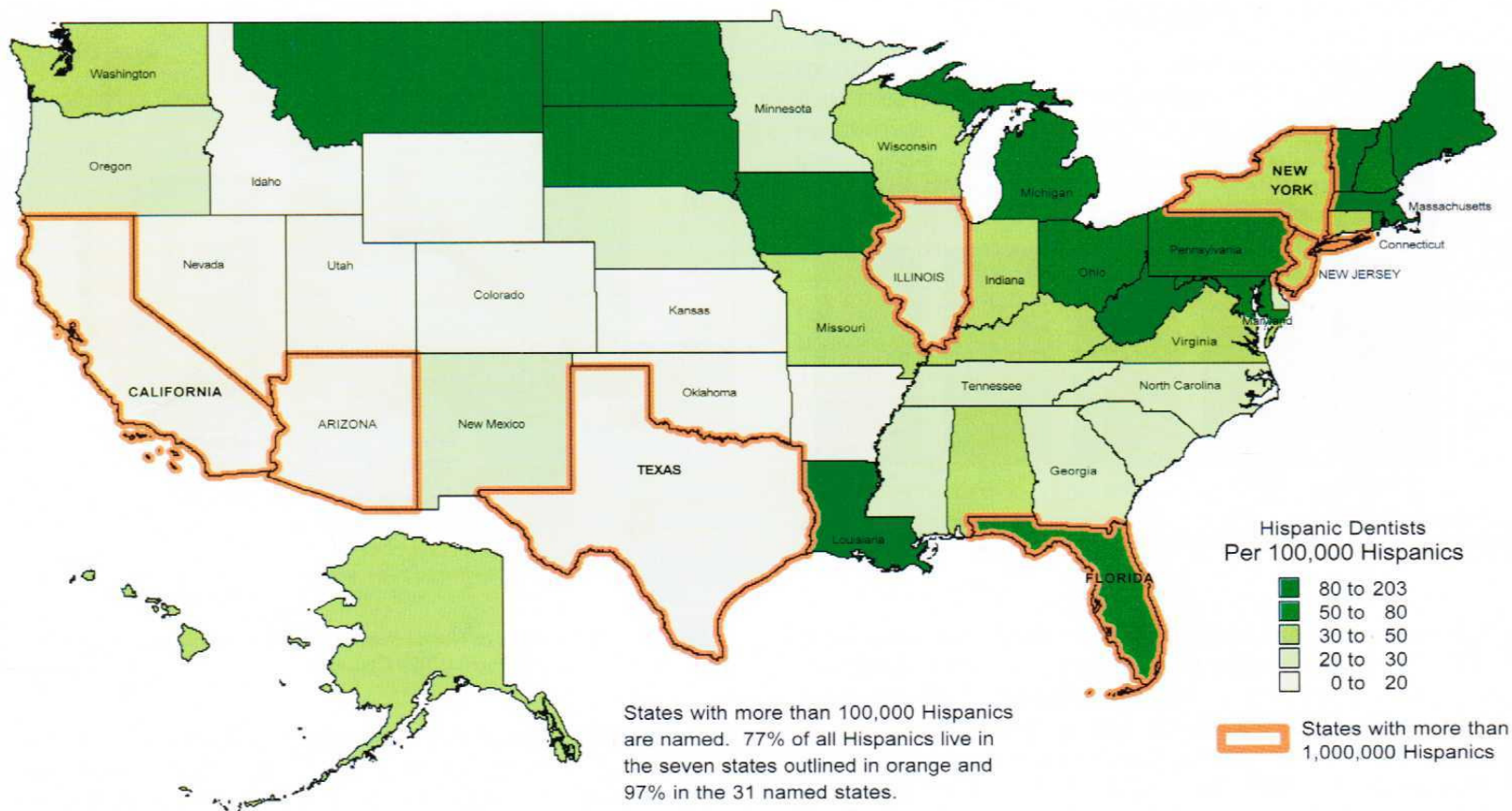
- Differences in culture & language
- Underrepresentation of minorities in the dental profession

Student Reflections

“It is truly amazing to meet someone having the courage and perseverance that you have had throughout all your years. You have truly motivated me to pursue my dreams without hesitation. Your personal courage has given me strength to believe that all things are possible.”

“While listening to your speech on your road to dentistry, I couldn’t help but feel inspired. Your confidence to persevere was by far the most empowering to me. Your campaign for the Hispanic community almost brought tears to my eyes. You’ve inspired me to actually look into and consider a dental career

HISPANIC DENTISTS PER 100,000 HISPANIC POPULATION BY STATE



Enhance Your Teaching With Guests



**Public Health
RDH
Director, HIV
Dental
Program,
Boston Public
Health
Commission**



**RDH/Cher
Impersonator**



**Public Health RDH
MA Department of
Public Health**



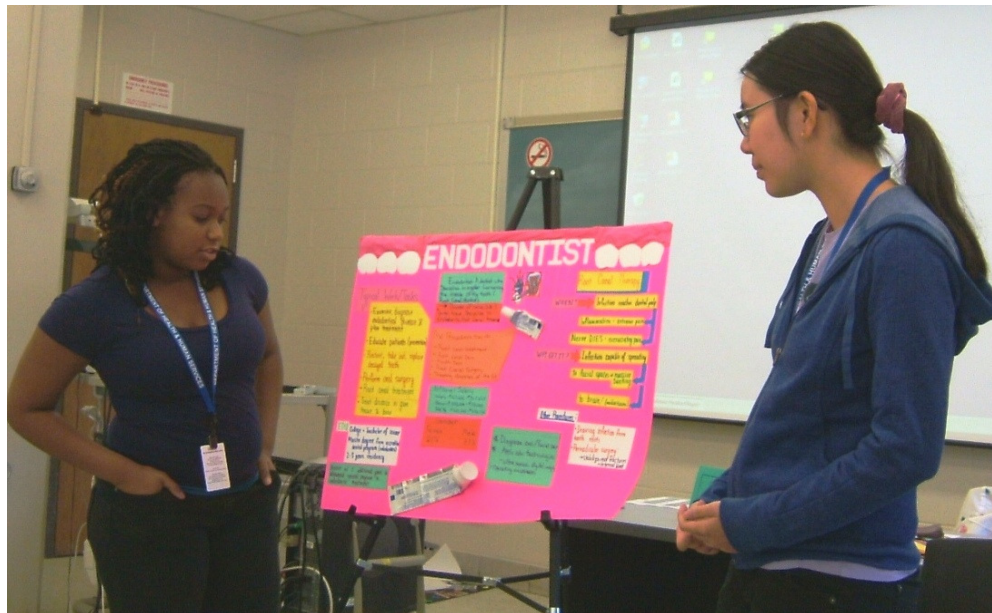
**Great Activity
local Health
Department to speak
about inspecting
piercing shops,
infection control and
implications of oral
piercings**

How a Cavity Happens



Performance Assessment

Poster/mini reports, Songs, Skits



Interviews



Good Oral Health

OH/Total Health

Dental Careers

Your Dental Knowledge

100

100

100

100

200

200

200

200

300

300

300

300

400

400

400

400

500

500

500

500

Celebrity Smile Game

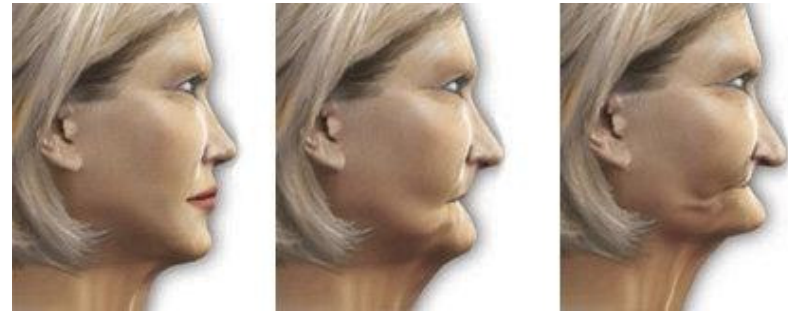


Functional, Structural and Esthetic Importance

Eating & Speaking



Shape of the Face

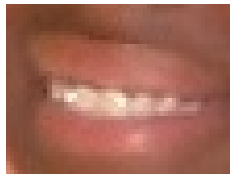


Appearance &
Self Esteem

Whose Smile is This?



Student Celebrity Smile



Module 2



Goals

To emphasize the important role of the dentist and dental hygienist in maintaining the total health of the patients.

- HPV and Oral Cancer
- Salivary Testing for Caries Risk Assessment

To further engage students around career options in the dental field.

- Dental Specialties: Oral Surgeon
- Forensic Odontologist
- Dental Hygiene: HIV Dental Program Director & Consumer

To have students recognize the exciting advancements that are being made in the field of dentistry and dental research.

- Dental Stem Cells
- Saliva as a Diagnostic Tool

Activity: Reading & Discussing Articles



Guest Speaker



Hands On Activity: Saliva: Nothing to Spit At



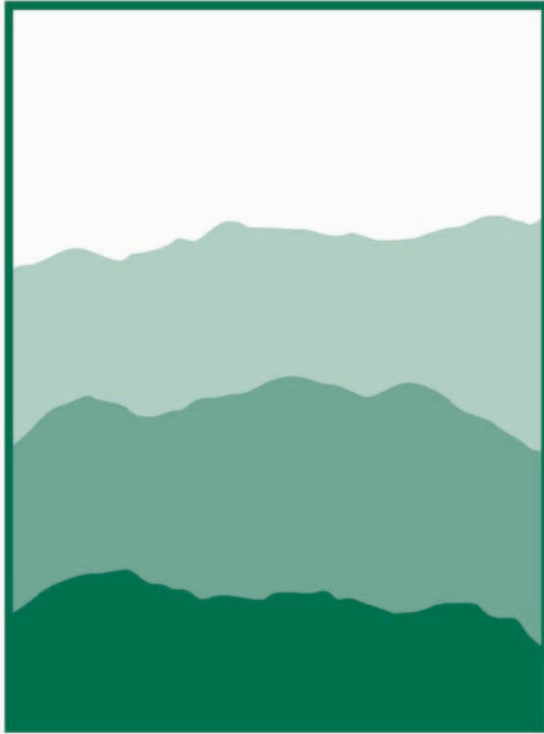
Lesson Objectives:

- Recognize the important role that saliva plays in our oral health.
- Identify the key functions of saliva.
- Recognize how saliva can be used as a diagnostic tool.
- Evaluate the 6 parameters of your salivary health.

Performance Assessment

Conducting a Formal Interview





Berkshire AHEC

Area Health Education Center



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