

HSC Innovative Teaching/Leaning Experience Description
Oral Health Outreach and Education

Date: 6/1/18

Question	Answer
Title/Topic	Oral Health Promotion Outreach and Education – Healthy Baby-Healthy Teeth (focus on pregnant and 0-3 at-risk populations) Funded with grant from Minnesota Department of Health (MDH), Oral Health Program
Activity	<ul style="list-style-type: none"> • Online Fluoride Varnishing Tutorial (1 hr. certificate); see Smiles for Life: A National Oral Health Curriculum • 2-hr Lab with MDH staff: Lecture and demonstration, case studies, simulation pediatric risk assessment, application of fluoride varnishing. • ECFE and Head Start: Developed and completed health teaching session with 8-10 parents or with individual parents, taught and carried out pediatric dental risk assessment with parents, taught parents how to do “Lift the Lip,” collaborated with parents in planning and prioritizing actions for dental health promotion. • WIC and Head Start: Staffed oral health resource table, provided oral health promotion health education to parents and preschool children, handed out dental health supplies to parents. • Community and Health Fairs: staffed oral health resource table Supplies: Tubs of oral health equipment and oral health education materials (some public health agencies provide); America’s Tooth Fairy educational materials (i.e. quizzes, coloring sheets, bag with teaching supplies to use with children, handouts for teaching) www.ncohf.org
Collaboration	<ul style="list-style-type: none"> • County public health agencies • School districts • Minnesota Department of Health • Early Childhood Family Education staff to provide small group and individual parent education using the <i>Oral Risk Assessment Tool</i> and <i>Healthy Teeth Healthy Baby</i> principles with parents • American Tooth Fairy to participate in health and oral health community fairs. • Multiple community partners in planning and implementing the <i>Spotlight Event Healthy Teeth Healthy Food</i> at Dunedin Hi-Rise to a multi-cultural audience. • Public Health Nursing Child & Teen Check-up staff to provide oral health promotion outreach and teaching to at-risk populations at WIC and Head Start clinics
Outcomes	Objectives: <ul style="list-style-type: none"> • Develop, pilot, and evaluate a Nursing Curriculum for Dental Health Promotion based on <i>Healthy Teeth Healthy Baby</i> over 2 semesters. • Explore opportunities for cross-sector collaboration of dental, health, and community providers. • Carry out asset-based community dental services community assessments in 4 counties. • Disseminate findings of Pilot Nursing Education Curriculum for Dental Health Promotion.
HSC Competencies	1, 6, 7, 8, 9, 10, 11, 12
PH Wheel Interventions	Outreach, Screening, Case Finding, Referral, Delegated Functions (lab), Health Teaching, Counseling, Consultation, Collaboration, Advocacy, Social Marketing

Evaluation	<ul style="list-style-type: none"> • 234 students completed dental varnishing and counseling certificate • 208 completed MDH Lab • 186 students who provided oral health promotion outreach and education • 500+ estimate of parents and children (age 0-3) served (many living in poverty, receiving MA, recent immigrants, and members of a community of color) • Estimated 275 Oral Hygiene Kits from MDH distributed • Integrated conceptual models RWJF Culture of Health and Public Health Intervention Wheel <p><i>Challenges:</i> Need for contracts between community organizations and university; developing relationships with new community partners; cultural and language barriers; limited # of students with cultural/ethnic background to at-risk population; inconsistency with recommendations given by local dentists with evidence-based recommendations for first dental visit; lack of student knowledge about WIC, Head Start, and ECFE; student discomfort with unstructured situations</p> <p><i>Recommendations:</i> Use community agencies where contracts exist and may need to develop new contracts (start early); involve key faculty in outreach and meetings with partners; assure presence of interpreters, provide written materials in relevant languages; communicate need for MDH to work with dental community to update evidence-based practice recommendations; have faculty provide role modeling; provide information about venues; develop simulations for individual, family, and small group teaching; focus lab on skill development and simulation, using motivational interviewing</p>
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Online Resources:

Conceptual Model

- Department of Health. (2001). Public Health Intervention Wheel. St. Paul, MN: Author. Retrieved from <http://www.health.state.mn.us/divs/opi/cd/phn/wheel.html>
- Robert Wood Johnson Foundation. (2014). Culture of Health. Princeton, NJ: Author. <https://www.rwjf.org/en/cultureofhealth.html>

Educational

- America's Tooth Fairy provided educational materials (i.e. quizzes, coloring sheets, bag with teaching supplies to use with children, handouts for teaching). www.ncohf.org/784&tut=555&customerkey=84&custsitegroupkey=0
- Cavity Free Kids (many resources including Fishbowl/Mouth Recipe) <http://cavityfreekids.org/activity/germs-food-cavities-2/>
- Minnesota Department of Health. (2016). Healthy Teeth – Healthy Baby. <http://www.health.state.mn.us/healthyteeth-healthybaby>
- Smiles for Life Online Fluoride Varnish Tutorial (1 hr. certificate) and other resources <https://www.smilesforlifeoralhealth.org/buildcontent.aspx?pagekey=101563&lastpagekey=101554&userkey=13315142&sessionkey=3662>