

From Silos to Teamwork: An Interprofessional Oral Health Journey

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Program Director

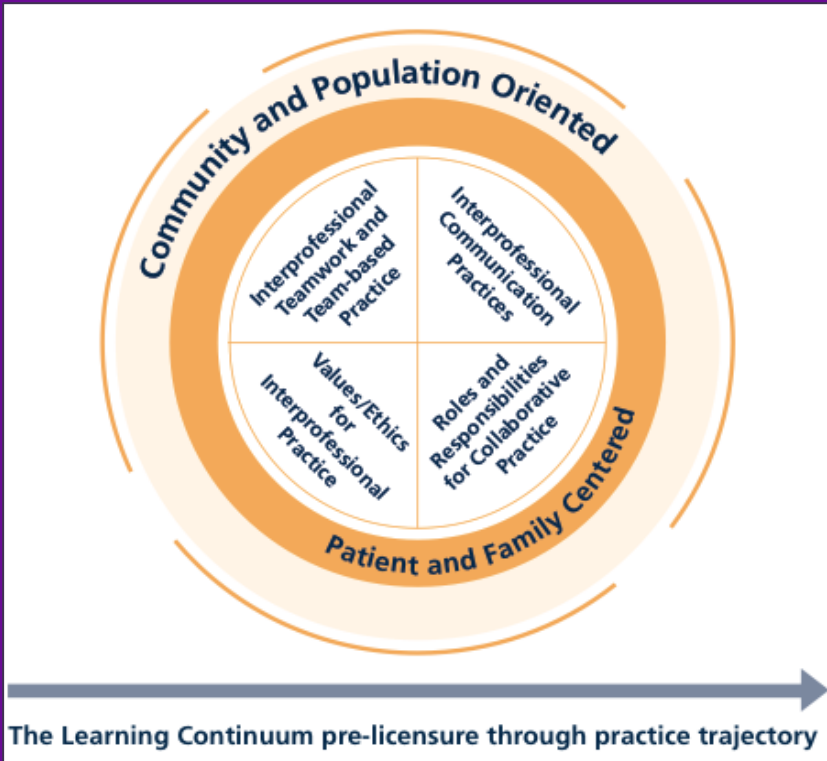
Oral Health Nursing Education and Practice (OHNEP)
Teaching Oral-Systemic Health (TOSH)
NYU Rory Meyers College of Nursing



National *Interprofessional Initiative*
on Oral Health engaging clinicians
eradicating dental disease



IPEC Competencies (2011)



American Association of Colleges of Nursing | AACN | aacom™ AMERICAN ASSOCIATION OF COLLEGES OF ALIENATIONAL MEDICINE | ASPH | ASSOCIATION OF PUBLIC HEALTH | American Association of Colleges of Pharmacy | AACPP | ADEA | AMERICAN DENTAL EDUCATION ASSOCIATION | AAMC | AMERICAN MEDICAL COLLEGE ASSOCIATION

Core Competencies for Interprofessional Collaborative Practice

Sponsored by the Interprofessional Education Collaborative*

Report of an Expert Panel
May 2011

*IPEC sponsors:
American Association of Colleges of Nursing
American Association of Colleges of Osteopathic Medicine
American Association of Colleges of Pharmacy
American Dental Education Association
Association of American Medical Colleges
Association of Schools of Public Health

Interprofessional Education Accreditation Mandate

Policy, curricular, & accreditation changes for team preparation are at various stages

- AAMC/ACGME
- AACOM/ACGME
- ADEA/CODA
- AACP/ACPE
- ASPPH/CEPH
- AACN/CCNE
- ACNM/ACME



The Missing Piece of PCMH

Pharmacy

Home Care

LTC

Missing Piece

Community
Health Center

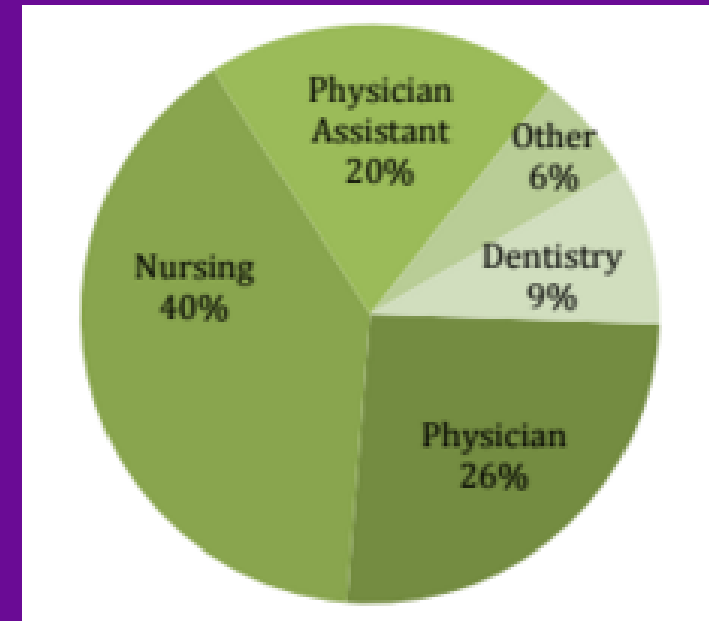
PCP/Medical Home



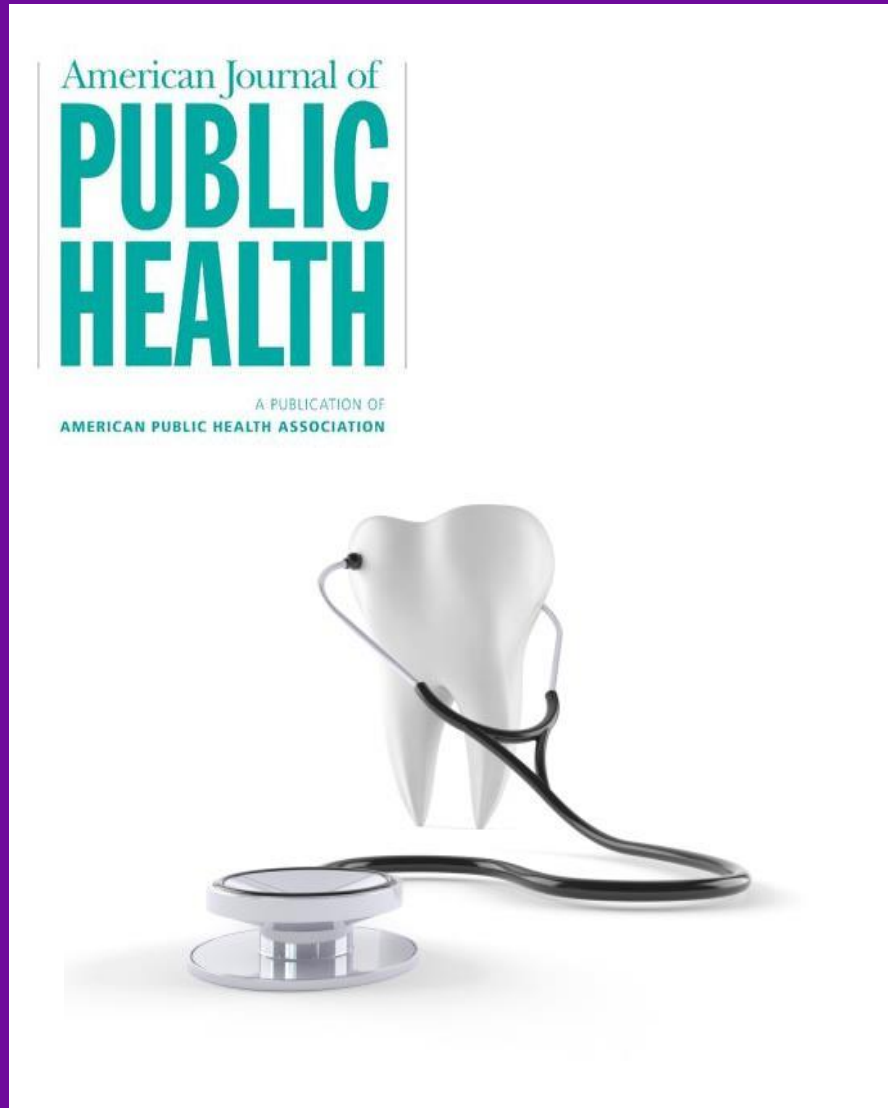
Interprofessional Oral Health Workforce Capacity Model



Smiles for Life CE Registered Users, by Profession 2015 (n=10,284 total CE registered users)



HEENOT Article



Haber, J., Hartnett, E., Allen, K., Hallas, D., Dorsen, C., Lange-Kessler, J., ... Wholihan, D. (2015). Putting the Mouth Back in the Head: HEENT to HEENOT. American Journal of Public Health, 105(3), 437-41.

<http://ajph.aphapublications.org/doi/abs/10.2105/AJPH.2014.302495>

HEENT to HEENOT

Competency
Domain 1:

- Risk Assessment

Competency
Domain 2:

- Oral Health Evaluation

Competency
Domain 3:

- Preventive Intervention

Competency
Domain 4:

- Communication and Education

Competency
Domain 5:

- Interprofessional Collaborative Practice



Oral Health Delivery Framework (2015)

ASK

- Brush?
- Smoke or chew tobacco?
- Dry mouth?
- Gums that bleed?
- High alcohol?

LOOK

At teeth and gums:

- White spots?
- Cavities?
- Inflamed gums?
- Lesion under tongue?



DECIDE

- Is this patient at risk?
- Already high risk?

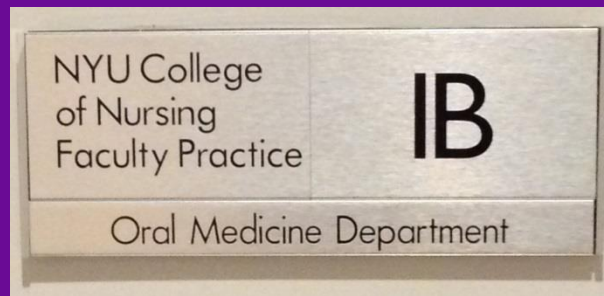


ACT

- Patient and family education
- Self management support
- Fluoride varnish
- Collaboration & Referral

DOCUMENT



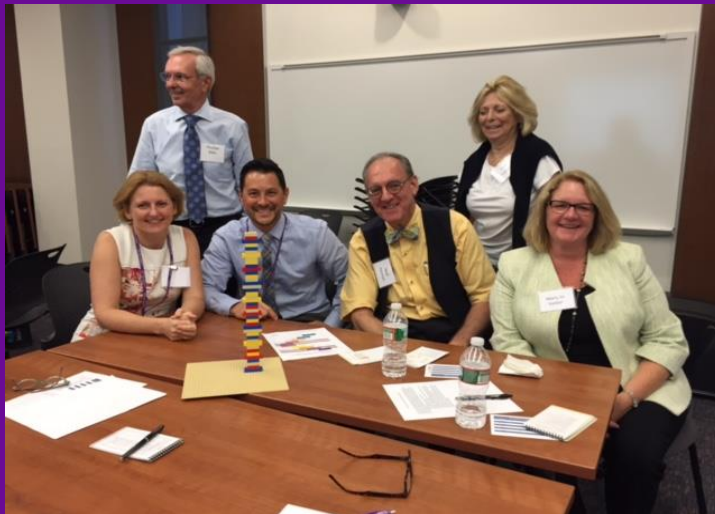


- Expand access to “whole person” primary care services
- Test an innovative collaborative oral-systemic primary care delivery model
- Serve as primary care providers for patients without access to health care or in need of regular health care.

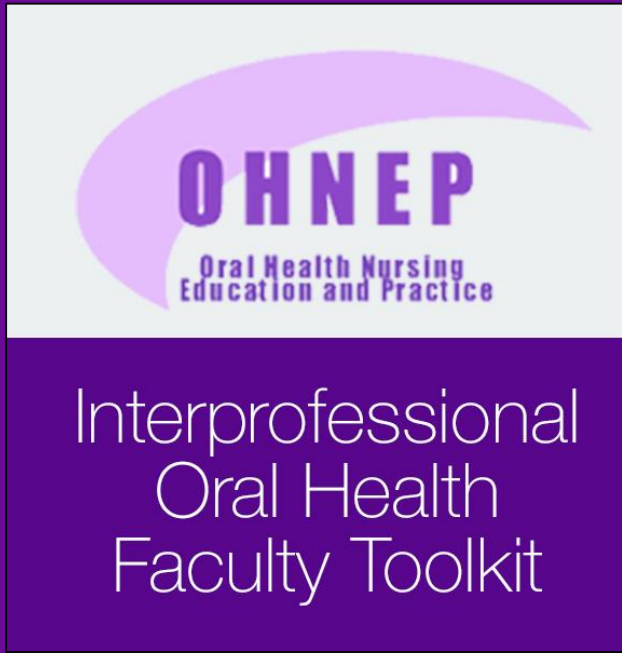


Nursing Faculty Practice

Faculty & Preceptor IPE Oral Health Development Workshops



Interprofessional Oral Health Faculty Toolkit



Interprofessional Oral Health Faculty Toolkit

PNP Curriculum Integration of Interprofessional Oral Health Competencies in Health Promotion Course

HEALTH ASSESSMENT LITERACY	1) EXPOSURE: INTRODUCTION	2) IMMERSION: DEVELOPMENT	3) COMPETENCE: ENTRY-TO-PRACTICE
<p>PNP Developmental Issues and 7 Core Competencies: Communication, Collaboration, Cultural Competence, Leadership, Professionalism, Systems & Teamwork</p> <p>Identify oral health competencies, oral health history, oral health assessment, and oral health education and promotion</p>	<p>KNOWLEDGE: CHILD PARENT EDUCATION Goal: Understand importance of oral health in children</p> <ul style="list-style-type: none"> Read Appendix 1, 2, 3, 4 Teaching Pfeiffer & Coak, 2016, and helping Trotter with Writing Your Final National Center on Oral Health Literacy Setting Fluoride for your Oral-Medical care on Health 2016 How to Link to Frank & Bush Hourly & Coak, 2014 	<p>SKILL-BEHAVIOR Goal: Demonstrate importance of preventive and health care in children</p> <ul style="list-style-type: none"> Implement an interprofessional clinical rotation with PNP and pediatric dental or dental hygiene students to preschool program PNP students to demonstrate behavioral management of child to DSDOH students ESDH students to demonstrate oral health care on topics research application to PNP students 	<p>SKILL-BEHAVIOR Goal: Demonstrate HENET competency in oral health history of young children in clinical experience</p> <ul style="list-style-type: none"> Advocate for policies that promote good oral health and oral awareness Perform appropriate oral health history of child, including frequency of caregiver intake Behavioral management of child to DSDOH students Identify oral abnormalities in pediatric patients Identify oral abnormalities in pediatric patients
<p>Identify oral health competencies, oral health history, oral health assessment, and oral health education and promotion</p>	<p>KNOWLEDGE: ORAL SYSTEMIC CONNECTION Goal: Understand oral disease and recognize interrelationship between oral and systemic health in children</p> <ul style="list-style-type: none"> Complete Syllabus for Life Module #1 Submit SFL Certificate of Completion Complete SFL Quizzes for Modules #1, 2, 4 (Appendix 5) 	<p>SKILL-BEHAVIOR Goal: Demonstrate oral health issues to pediatric patients</p> <ul style="list-style-type: none"> Read Miles and Conover, 2016 and Lutz & Turk, 2013 Implement an interprofessional oral health connection PNP students to demonstrate oral health connection to dental students ESDH students to demonstrate behavioral management of child 	<p>SKILL-BEHAVIOR Goal: Demonstrate HENET competency in oral health risk assessment of young children in clinical experience</p> <ul style="list-style-type: none"> Perform oral health history and complete risk assessment of child Present action plan that promotes oral health for children of a specific age group Use interprofessional learning to engage general dentists in identifying work change that promotes SHET and oral health

PNHP Curriculum Integration of Interprofessional Oral Health Competencies in Health Assessment Across Lifespan

HEALTH ASSESSMENT LITERACY	1) EXPOSURE: INTRODUCTION	2) IMMERSION: DEVELOPMENT	3) COMPETENCE: ENTRY-TO-PRACTICE
<p>PNP Developmental Issues and 7 Core Competencies: Communication, Collaboration, Cultural Competence, Leadership, Professionalism, Systems & Teamwork</p> <p>Identify oral health competencies, oral health history, oral health assessment, and oral health education and promotion</p>	<p>KNOWLEDGE: ORAL CARE OF INFANT, CHILD AND ADOLESCENT Goal: Understand oral care of infant, child and adolescent</p> <ul style="list-style-type: none"> Complete Syllabus for Life Module #1, 2, 4 Submit SFL Certificate of Completion Complete SFL Quizzes for Modules #1, 2, 4 (Appendix 1, 2, 3) 	<p>SKILL-BEHAVIOR Goal: Demonstrate HENET in oral health history, risk assessment and exam for infant, child and adolescent during simulation lab</p> <ul style="list-style-type: none"> Read Appendix on Caries Risk Assessment (ARV), 2014 Present oral care of three pediatric cases (Appendix 6) Identify oral abnormalities in pediatric photographs (Appendix 6) 	<p>SKILL-BEHAVIOR Goal: Identify oral pathologies in infant, child and adolescent during clinical experience</p> <ul style="list-style-type: none"> Demonstrate oral health history, risk assessment and HENET exam for infant, child and adolescent during clinical experience Read The Mouth Stick in the Hand (Hobler et al., 2015)
<p>Identify oral health competencies, oral health history, oral health assessment, and oral health education and promotion</p>	<p>KNOWLEDGE: ORAL CARE OF ADULT Goal: Understand oral care of adult</p> <ul style="list-style-type: none"> Complete Syllabus for Life Modules #2, 5, 7 Submit SFL Certificate of Completion Complete SFL Quizzes for Modules #2, 5, 7 (Appendix 4, 5) 	<p>SKILL-BEHAVIOR Goal: Demonstrate HENET in oral health history, risk assessment and physical exam in adult during simulation lab</p> <ul style="list-style-type: none"> Read and discuss Adult Caries Risk Assessment Tool CAMBRA for patients over age 6 (Appendix 7) Identify oral abnormalities in adult photographs (Appendix 7) 	<p>SKILL-BEHAVIOR Goal: Identify oral pathologies in adult during clinical experience</p> <ul style="list-style-type: none"> Demonstrate competency in oral health history, risk assessment and physical exam in adult during adult clinic
<p>Identify oral health competencies, oral health history, oral health assessment, and oral health education and promotion</p>	<p>KNOWLEDGE: ORAL CARE OF OLDER ADULT Goal: Understand oral care of older adult</p>	<p>SKILL-BEHAVIOR Goal: Demonstrate HENET in oral health history, risk assessment and physical exam in older adult during simulation lab</p>	<p>SKILL-BEHAVIOR Goal: Identify oral pathologies in older adult during clinical experience</p>

FNP Curriculum Integration of Interprofessional Oral Health Competencies in Health Assessment Across Lifespan

HEALTH ASSESSMENT LITERACY	1) EXPOSURE: INTRODUCTION	2) IMMERSION: DEVELOPMENT	3) COMPETENCE: ENTRY-TO-PRACTICE
<p>PNP Developmental Issues and 7 Core Competencies: Communication, Collaboration, Cultural Competence, Leadership, Professionalism, Systems & Teamwork</p> <p>Identify oral health competencies, oral health history, oral health assessment, and oral health education and promotion</p>	<p>KNOWLEDGE: ORAL CARE OF INFANT, CHILD AND ADOLESCENT Goal: Understand oral care of infant, child and adolescent</p> <ul style="list-style-type: none"> Complete Syllabus for Life Modules #1, 2, 4 Submit SFL Certificate of Completion Complete SFL Quizzes for Modules #1, 2, 4 (Appendix 1, 2, 3) 	<p>SKILL-BEHAVIOR Goal: Demonstrate integration of HENET in oral health history, risk assessment and physical exam in infant, child and adolescent during simulation lab</p> <ul style="list-style-type: none"> Read Appendix on Caries Risk Assessment (ARV), 2014 Present oral care of three pediatric cases (Appendix 6) Identify oral abnormalities in pediatric photographs (Appendix 6) 	<p>SKILL-BEHAVIOR Goal: Identify oral pathologies in infant, child and adolescent during clinical experience</p> <ul style="list-style-type: none"> Demonstrate integration of HENET competency in oral health history, risk assessment and physical exam in infants, children and adolescents during pediatric clinic
<p>Identify oral health competencies, oral health history, oral health assessment, and oral health education and promotion</p>	<p>KNOWLEDGE: ORAL CARE OF ADULT Goal: Understand oral care of adult</p> <ul style="list-style-type: none"> Complete Syllabus for Life Modules #2, 5, 7 Submit SFL Certificate of Completion Complete SFL Quizzes for Modules #2, 5, 7 (Appendix 4, 5) 	<p>SKILL-BEHAVIOR Goal: Demonstrate integration of HENET in oral health history, risk assessment and physical exam in adult during simulation lab</p> <ul style="list-style-type: none"> Read and discuss Adult Caries Risk Assessment Tool CAMBRA for patients over age 6 (Appendix 7) Identify oral abnormalities in adult photographs (Appendix 7) 	<p>SKILL-BEHAVIOR Goal: Identify oral pathologies in adult in clinical experience</p> <ul style="list-style-type: none"> Demonstrate integration of HENET competency in oral health history, risk assessment and physical exam in adult during adult clinic
<p>Identify oral health competencies, oral health history, oral health assessment, and oral health education and promotion</p>	<p>KNOWLEDGE: ORAL CARE OF OLDER ADULT Goal: Understand oral care of older adults</p>	<p>SKILL-BEHAVIOR Goal: Demonstrate integration of HENET in oral health history, risk assessment and physical exam in older adult during simulation lab</p>	<p>SKILL-BEHAVIOR Goal: Identify oral pathologies in older adult in clinical experience</p> <ul style="list-style-type: none"> Demonstrate integration of HENET competency in oral health history, risk assessment and physical exam in older adult during adult clinic

A-GNP Curriculum Integration of Interprofessional Oral Health Competencies in Health Assessment

ADULT HEALTH ASSESSMENT	1) EXPOSURE: INTRODUCTION	2) IMMERSION: DEVELOPMENT	3) COMPETENCE: ENTRY-TO-PRACTICE
<p>PNP Developmental Issues and 7 Core Competencies: Communication, Collaboration, Cultural Competence, Leadership, Professionalism, Systems & Teamwork</p> <p>Identify oral health competencies, oral health history, oral health assessment, and oral health education and promotion</p>	<p>KNOWLEDGE: ORAL EXAM Goal: Understand the oral exam</p> <ul style="list-style-type: none"> Complete Syllabus for Life Module #7 Submit SFL Certificate of Completion Complete SFL Quiz for Module #7 (Appendix 1) 	<p>SKILL-BEHAVIOR Goal: Describe best practices in dental caries management across the lifespan</p> <ul style="list-style-type: none"> Read The Mouth Stick in the Hand (Hobler et al., 2015) Adult Caries Risk Assessment Tool CAMBRA for patients over age 6 (Appendix 7) 	<p>SKILL-BEHAVIOR Goal: Demonstrate integration of HENET competency in physical exam of adult in clinical experience</p> <ul style="list-style-type: none"> Read The Mouth Stick in the Hand (Hobler et al., 2015) Perform oral examination of adult in clinical experience, identifying any oral abnormalities
<p>Identify oral health competencies, oral health history, oral health assessment, and oral health education and promotion</p>	<p>KNOWLEDGE: ORAL CARE OF ADULT Goal: Understand issues in oral care of adults</p> <ul style="list-style-type: none"> Complete Syllabus for Life Modules #1, 3, 5 Submit SFL Certificate of Completion Complete SFL Quizzes for Modules #1, 3, 5 (Appendix 2, 3, 4) Download SFL Adult Oral Health Packet (Appendix 3) 	<p>SKILL-BEHAVIOR Goal: Demonstrate integration of HENET in oral health history, risk assessment and physical exam in adults during simulation lab</p> <ul style="list-style-type: none"> Identify oral pathologies in adult photographs (Appendix 8) Present electronic health record of adult with oral health included in history, risk assessment, exam and post (HENET) 	<p>SKILL-BEHAVIOR Goal: Demonstrate integration of HENET competency in health history of adult in clinical experience</p> <ul style="list-style-type: none"> Perform appropriate oral health history of adult, including frequency of sugar, tobacco/alcohol intake

WHNP Curriculum Integration of Interprofessional Oral Health Competencies in Introduction to Reproductive Healthcare of Women

INTRODUCTION TO REPRODUCTIVE HEALTHCARE OF WOMEN	1) EXPOSURE: INTRODUCTION	2) IMMERSION: DEVELOPMENT	3) COMPETENCE
<p>PNP Developmental Issues and 7 Core Competencies: Communication, Collaboration, Cultural Competence, Leadership, Professionalism, Systems & Teamwork</p> <p>Identify oral health competencies, oral health history, oral health assessment, and oral health education and promotion</p>	<p>KNOWLEDGE: RISK FACTORS FOR ORAL DISEASE IN WOMEN Goal: Describe oral disease risk factors for adolescent and clinical experience</p> <ul style="list-style-type: none"> Read Women's Oral Health: Oral and Systemic Disease (Hobler et al., 2015) Read Oral Health and Women's Health (Hobler et al., 2015) 	<p>SKILL-BEHAVIOR Goal: Include oral health in history and risk assessment (HET) in simulation lab</p> <ul style="list-style-type: none"> Review American Dental Association Caries Risk Assessment Tool (Age 6-9) (Appendix 1) 	<p>SKILL-BEHAVIOR Goal: Demonstrate competency in oral health history, risk assessment and HENET in reproductive health history</p> <ul style="list-style-type: none"> Discuss oral health history and risk factors during reproductive health record Read The Mouth Stick in the Hand (Hobler et al., 2015) Discuss HENET findings in electronic health record Develop a community dental resource network and have a list of accessible dental providers, including those who accept Medicaid, to refer to your patients
<p>Identify oral health competencies, oral health history, oral health assessment, and oral health education and promotion</p>	<p>KNOWLEDGE: ORAL CARE IN WELLMENING & PRECONCEPTION VISITS Goal: Include oral exam of the adolescent and adult women</p> <ul style="list-style-type: none"> Complete Syllabus for Life Modules 1, 3, 5 (Appendix 2, 3, 4) Submit SFL Certificate of Completion 	<p>SKILL-BEHAVIOR Goal: Include oral health in physical exam (HET) in simulation lab</p> <ul style="list-style-type: none"> Review common adult and adolescent (Appendix 2) Develop a strategy to promote smoking cessation (Review research on http://www.ahrq.gov) 	<p>SKILL-BEHAVIOR Goal: Demonstrate competency in oral health history, risk assessment and HENET in reproductive health history and physical exam</p> <ul style="list-style-type: none"> Read The Mouth Stick in the Hand (Hobler et al., 2015) Discuss HENET findings in electronic health record Develop a community dental resource network and have a list of accessible dental providers, including those who accept Medicaid, to refer to your patients

Midwifery Curriculum Integration of Interprofessional Oral Health Competencies in Health Assessment of Women and Gynecology

WOMEN'S HEALTH ASSESSMENT	1) EXPOSURE: INTRODUCTION	2) IMMERSION: DEVELOPMENT	3) COMPETENCE
<p>PNP Developmental Issues and 7 Core Competencies: Communication, Collaboration, Cultural Competence, Leadership, Professionalism, Systems & Teamwork</p> <p>Identify oral health competencies, oral health history, oral health assessment, and oral health education and promotion</p>	<p>KNOWLEDGE: RISK FACTORS FOR ORAL DISEASE IN WOMEN Goal: Describe oral disease risk factors for adolescent and clinical experience</p> <ul style="list-style-type: none"> Read Women's Oral Health: Oral and Systemic Disease (Hobler et al., 2015) Read Oral Health and Women's Health (Hobler et al., 2015) 	<p>SKILL-BEHAVIOR Goal: Include oral health in history and risk assessment (HET) in simulation lab</p> <ul style="list-style-type: none"> Review American Dental Association Caries Risk Assessment Tool (Age 6-9) (Appendix 1) 	<p>SKILL-BEHAVIOR Goal: Demonstrate competency in oral health history, risk assessment and HENET in reproductive health history</p> <ul style="list-style-type: none"> Discuss oral health history and risk factors during reproductive health record Read The Mouth Stick in the Hand (Hobler et al., 2015) Discuss HENET findings in electronic health record Develop a community dental resource network and have a list of accessible dental providers, including those who accept Medicaid, to refer to your patients
<p>Identify oral health competencies, oral health history, oral health assessment, and oral health education and promotion</p>	<p>KNOWLEDGE: ORAL CARE IN WELLMENING & PRECONCEPTION VISITS Goal: Include oral exam of the adolescent and adult women</p> <ul style="list-style-type: none"> Complete Syllabus for Life Modules 1, 3, 5 (Appendix 2, 3, 4) Submit SFL Certificate of Completion 	<p>SKILL-BEHAVIOR Goal: Include oral health in physical exam (HET) in simulation lab</p> <ul style="list-style-type: none"> Review common adult and adolescent (Appendix 2) Develop a strategy to promote smoking cessation (Review research on http://www.ahrq.gov) 	<p>SKILL-BEHAVIOR Goal: Demonstrate competency in oral health history, risk assessment and HENET in reproductive health history and physical exam</p> <ul style="list-style-type: none"> Read The Mouth Stick in the Hand (Hobler et al., 2015) Discuss HENET findings in electronic health record Develop a community dental resource network and have a list of accessible dental providers, including those who accept Medicaid, to refer to your patients
<p>Identify oral health competencies, oral health history, oral health assessment, and oral health education and promotion</p>	<p>KNOWLEDGE: COMMON WOMEN'S ORAL HEALTH ISSUES Goal: Describe oral manifestations of common health problems in women</p> <ul style="list-style-type: none"> Read Women's Oral Health: Oral and Systemic Disease (Hobler et al., 2015) Read Oral Health and Women's Health (Hobler et al., 2015) 	<p>SKILL-BEHAVIOR Goal: Include oral health in history and risk assessment (HET) in simulation lab</p> <ul style="list-style-type: none"> Review American Dental Association Caries Risk Assessment Tool (Age 6-9) (Appendix 1) 	<p>SKILL-BEHAVIOR Goal: Demonstrate competency in oral health history, risk assessment and HENET in reproductive health history</p> <ul style="list-style-type: none"> Discuss oral health history and risk factors during reproductive health record Read The Mouth Stick in the Hand (Hobler et al., 2015) Discuss HENET findings in electronic health record Develop a community dental resource network and have a list of accessible dental providers, including those who accept Medicaid, to refer to your patients

Interprofessional Oral Health Curriculum Integration

- Collaborative courses
 - Content/Student/Faculty
- IPE Workshops/Mini-courses
- IP Service Learning
 - Local/international
- IP Clinical experiences
 - Unfolding case studies
 - Standardized Patients
 - Virtual Cases
 - Simulation
 - Clinical rotations



NP-MD-DDS Interprofessional Oral-Systemic Health Clinical Experience

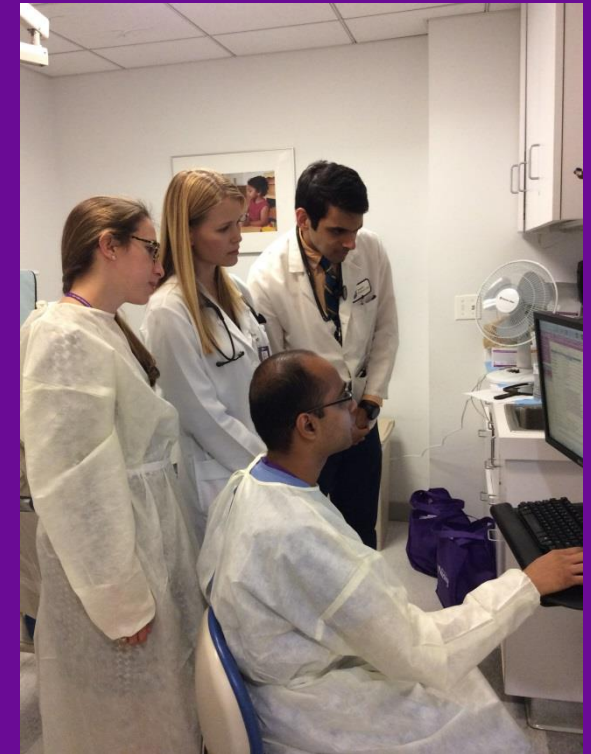
Aims:

- Develop interprofessional oral-systemic health & IPEC competencies by using simulation & case studies as tools to bridge the education-to-practice gap
- Produce a primary care workforce that is collaborative-practice ready



Pediatric Oral Health Interprofessional Clerkship

Patient 1	Patient 2	Patient 3
NP reviews chart	MD reviews chart	DDS reviews chart
NP takes history	MD takes history	DDS takes history
DDS does HEENOT exam and FV	NP does HEENOT exam and FV	MD does HEENOT exam and FV
All collaborate for plan	All collaborate for plan	All collaborate for plan
MD gives patient education, prevention, anticipatory guidance, handouts, referral and follow-up	DDS gives patient education, prevention, anticipatory guidance, handouts, referral and follow-up	NP gives patient education, prevention, anticipatory guidance, handouts, referral and follow-up



University of Vermont Interprofessional Virtual Avatar Clinic Oral Health Integration

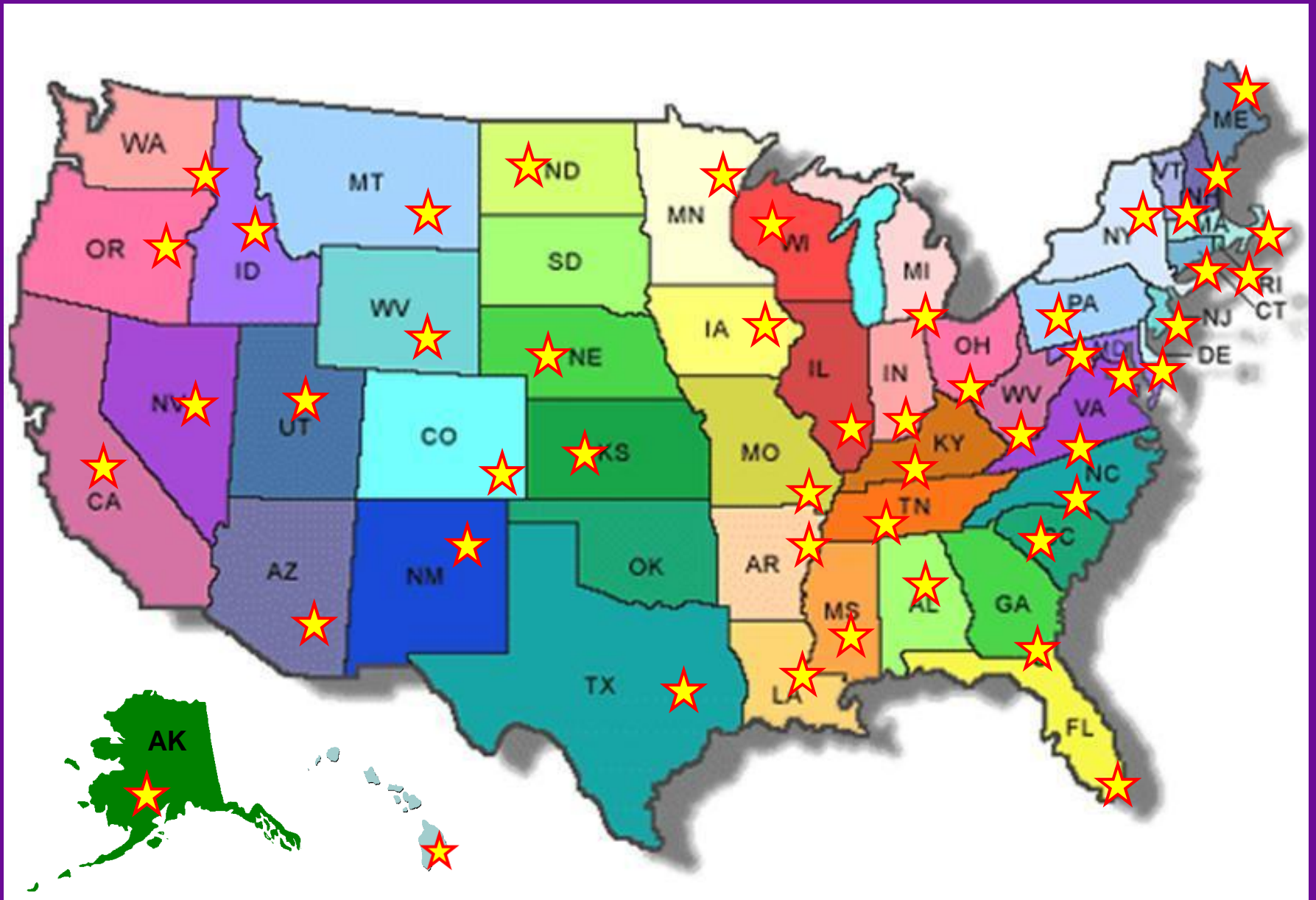


IPEG

Interprofessional Education Group



Collective Impact: Interprofessional Oral Health Initiatives (48 states)



OHNEP Social Networking for Oral Health



fig. 1

