Collective Wisdom: Shaping the Future of Interprofessional Oral Health Education

Northeastern

Maria C. Dolce, PhD, RN, CNE
Associate Professor of Nursing
Bouvé College of Health Sciences

2015 ADEA Annual Session & Exhibition
March 9, 2015
Learning Objectives

• Describe the *Innovations in Oral Health* interprofessional education (IPE) model.

• Apply IPE innovations for competency development in oral health and primary care practice.

• Evaluate a set of guiding principles for IPE to enable collaborative practice and improve oral health.
Founded 1898
1,157 full-time faculty
30,000 students
Bouvé College of Health Sciences
2,800 students
205 full-time faculty
3 Schools
Three Schools:

• Nursing
• Pharmacy
• Health Professions
  – Counseling & Applied Educational Psychology
  – Health Informatics
  – Health Science
  – Physical Therapy
  – Speech-language Pathology/Audiology
  – Physician Assistant Studies
  – Public Health
Bouvé College of Health Sciences

• The **mission** of the Bouvé College of Health Sciences is to be a **center of excellence in health professional education, research, and service.**

• **Areas of Excellence:**
  – Urban Population Health
  – Self-care/Self-management
  – Healthy Aging
  – Drug Discovery, Delivery and Diagnostics
Goal 1. To be a national model for interprofessional health education.

In preparing students for interprofessional practice through campus-based learning and experiential education, the College will:

• Incorporate interprofessional education and practice throughout student learning experiences.

• Assess and expand the College’s capacity to engage in interprofessional education and practice.

• Promote interprofessional education and practice through scholarship.
The DentaQuest Foundation is committed to optimal oral health for all Americans through its support of prevention and access to affordable care, and through its partnerships with funders, policymakers and community leaders. For more information, please visit dentaquestfoundation.org
Improve Workforce Training and Capacity Building

• Primary care
• Rural and medically underserved areas
• Preventive medicine
• Public health
• Behavioral health
• Oral health
• Team management of chronic disease
Guiding Principles

• Network Mindset & Collective Impact

• Experiential Curriculum

• Communities of Practice

• Leadership & Advocacy

http://www.northeastern.edu/oralhealth
Integration of Oral Health and Primary Care Practice

The Integration of Oral Health and Primary Care Practice initiative strives to improve access to early detection and preventive interventions by expanding oral health clinical competency of primary care clinicians, leading to improved oral health.

The initiative comprises three inter-related components:

- Oral health core clinical competencies appropriate for primary care clinicians;
- Delineation of the interdependent elements that would influence the implementation and adoption of the core competencies into primary care practice; and
- Outline of the basis for implementation strategies and translation into primary care practice in safety net settings.

This Integration of Oral Health and Primary Care Practice report describes these three components and makes the following recommendations:

1. Apply oral health core clinical competencies within primary care practices to increase oral health care access for safety net populations in the United States.

http://www.hrsa.gov/publichealth/clinical/oralhealth/primarycare/index.htm
Network Mindset
Collective Impact

DentaQuest Foundation

Henry Schein Cares

Helping health happen®

HISTORY
MISSION
FROM THE CHAIR
LEADERSHIP
SUPPORTERS

Follow us on: HHHBlog
Experiential Curriculum

Simulation-learning
- Students from two or more disciplines
- Team-based
- Standardized patient cases
- Scenarios address health care needs of vulnerable and underserved populations

Cooperative Education
- “Co-op”
- Integrate academic study and full-time employment
- Work-based learning
- Integrate classroom learning and real-world experiences

Community Service-Learning
- Faculty-led partnerships with community-based entities
- Address needs or interests identified by the community
- Hands-on roles and projects
Team-based Simulation Learning
Curricular Challenge Grants

• Increasing Access to Oral Health Screenings Among the Homeless Population (BHCHP)
• Promoting Geriatric Oral Health with an Emphasis on Fluoride (Boston University)
• Promoting Oral Heath Screening and Collaborative Interprofessional Patient Care in Doctor of PT Curriculum (NEU)
• Improving Oral Health for Patients of a Student-run Free Clinic (Harvard School of Dental Medicine)
• Integrating Oral Health and SLP Practice (NEU)
WHAT IS EXPERIENTIAL LEARNING?

Experiential learning integrates the classroom and the real world. Our programs engage students with the world through professional work, research, and service on seven continents. They learn how to transform ideas into impact and become global citizens with successful careers.

watch the video
100+ Years of Co-op History

1909

Experience & Job Placement
Integration of Learning and Practice
The Global Experiential Research University
Earn and Learn
Practical
Relevance and Real World
Power of Experience
The Multifaceted Educational Advantage

2015
Essentials for Co-operative Education

- Mindfulness in learning
- Reflections promote deep learning
- Student-Employer goal planning
- Student self-evaluations
- Employer evaluation

http://www.northeastern.edu/coop/
Integrated Model of Care

The Challenge:
Many homeless patients struggle with at least one substance abuse problem, at least one chronic physical condition and a psychiatric illness. Each condition is often preventable and manageable... on its own. But, in combination and left untreated, such health problems become compounded and all too often fatal. Medicine, in general, and homeless medicine, in particular, have long grappled with addressing these interconnected aspects of a patient's healthcare in a coordinated way. In the traditional care model, behavioral health care and medical care operate independently.

The Response:
The integrated care model at BHCHP unites physicians, physician assistants, nurse practitioners, nurses, case managers and behavioral health professionals in a close collaboration. They follow patients together and separately in a variety of settings: on the street, at Barbara McInnis House, in our outpatient clinics and, as needed, in shelter or housing.

A patient can move from street to clinic to hospital to respite care to shelter to housing, having easy and regular contact with at least one member of the medical team so that serious medical and behavioral diagnoses receive integrated attention.
Crimson Care Collaborative

- Harvard Medical School / Beth Israel Deaconess Medical Center
- Student-faculty collaborative practice
- Comprehensive chronic disease management
- TeamSTEPPS®
TeamSTEPPS® 2.0

Team Strategies and Tools to Enhance Performance and Patient Safety
### Key Principles

<table>
<thead>
<tr>
<th>Team Structure</th>
<th>Identification of the components of a multi-team system that must work together effectively to ensure patient safety</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication</td>
<td>Structured process by which information is clearly and accurately exchanged among team members</td>
</tr>
<tr>
<td>Leadership</td>
<td>Ability to maximize the activities of team members by ensuring that team actions are understood, changes in information are shared, and team members have the necessary resources</td>
</tr>
<tr>
<td>Situation Monitoring</td>
<td>Process of actively scanning and assessing situational elements to gain information or understanding, or to maintain awareness to support team functioning</td>
</tr>
<tr>
<td>Mutual Support</td>
<td>Ability to anticipate and support team members' needs through accurate knowledge about their responsibilities and workload</td>
</tr>
</tbody>
</table>
Smiles for Life: A National Oral Health Curriculum

Smiles for Life produces educational resources to ensure the integration of oral health and primary care.

For Individual Clinicians

We've made it easy for individual physicians, physician assistants, nurse practitioners, students, and other clinicians to access the curriculum and learn on their own time and at their own pace. Each of the courses is available online. Free Continuing Education credit is available.

For Educators

This curriculum format can be easily implemented in an academic setting. Included is a comprehensive set of educational objectives based on the Accreditation Council for Graduate Medical Education (ACGME) competencies, test questions, resources for further learning, oral health web links, an implementation guide, and detailed module outlines.

Course Quick Links

- Course 1: The Relationship of Oral to Systemic Health
- Course 2: Child Oral Health
- Course 3: Adult Oral Health
- Course 4: Acute Dental Problems
- Course 5: Oral Health & the Pregnant Patient
- Course 6: Caries Risk Assessment, Fluoride Varnish & Counseling
- Course 7: The Oral Examination
- Course 8: Geriatric Oral Health

Answering the Call: Joining the Fight for Oral Health

Watch this informative and inspiring video which outlines both the challenge and progress in improving oral health as a vital component of effective primary care. Click the full screen icon in the bottom right hand corner of the video thumbnail to view it full-sized. This video is approximately seven minutes in length.

An extended version (21 minutes) of this documentary is also available.

www.smilesforlifeoralhealth.org
Community Service-Learning
Cultivating leadership and advocacy . . .

• Bouvé College-level: Interprofessional Research-Innovate-Serve-Educate (iRISE)

• Northeastern University-level: Health Disparities Student Collaborative
Leadership & Advocacy
Acknowledgement

The DentaQuest Foundation is committed to optimal oral health for all Americans through its support of prevention and access to affordable care, and through its partnerships with funders, policymakers and community leaders. For more information, please visit dentaquestfoundation.org
References


• National Center for Interprofessional Practice and Education. (2013). The nexus. Retrieved from https://nexusipe.org/vision


Thank you

QUESTIONS?

m.dolce@neu.edu