



# GLOBAL HEALTH STARTER KIT FOR DENTAL EDUCATION

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## Module 2: Global Goals

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# Competencies:

2.1.2. Understand and apply health promotion and risk reduction strategies (such as healthy eating, cessation of tobacco, and reduction of harmful alcohol use).

2.2.2. Understand and be familiar with the health care system in the community/country.

2.2.3. Identify barriers to access and use of health and oral health services (e.g., affordability, lack of insurance or providers, cultural and geographic issues); facilitate solutions to overcome them.

2.3.1. Advocate for relevant strategies to prevent and reduce risk factors based on an advocacy strategy to identify, mobilize, and connect relevant stakeholders/actors.

2.3.3. Understand and utilize political processes as well as roles/functions of national/international stakeholders (e.g., use global and national policy frameworks to guide local action).

3.1.1. Demonstrate an interdisciplinary, team-oriented, integrated, and multilevel approach to patient-centered health and oral health care.



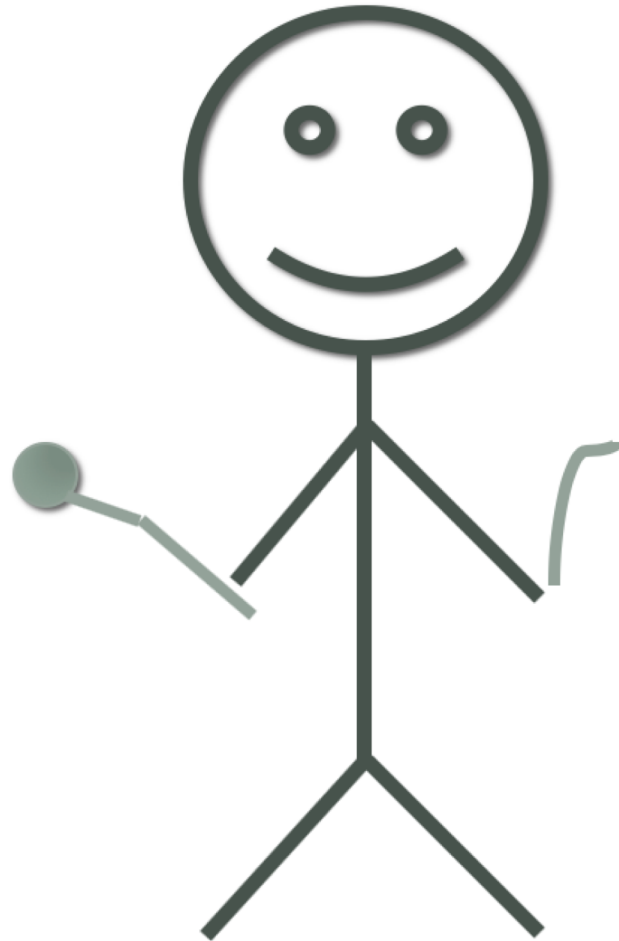


# Learning Objectives

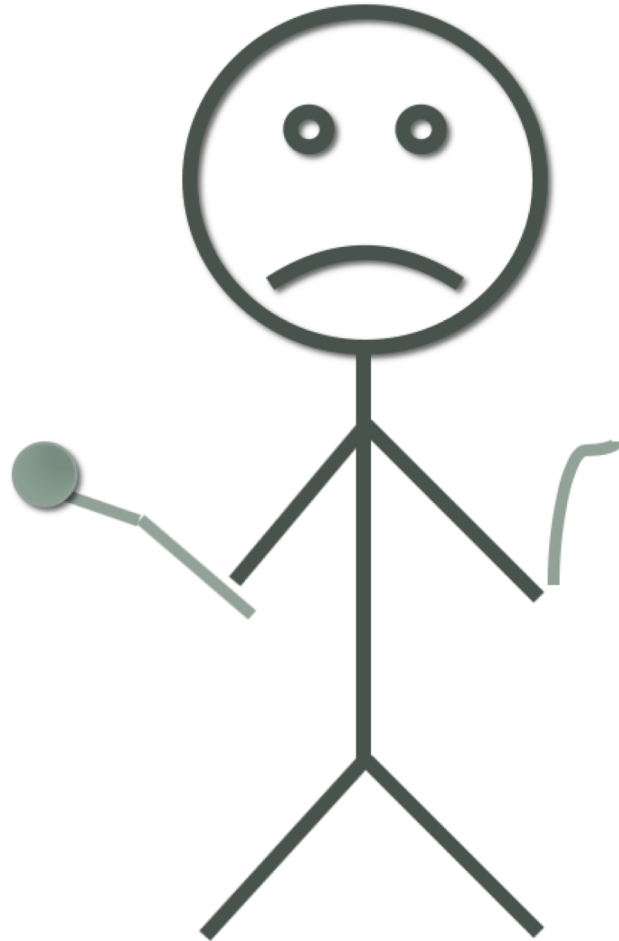
By the end of this module, students should be able to do the following:

- Explain the Millennium Development Goals (MDGs), Sustainable Development Goals (SDGs), and their origins
- Discuss both the critiques and importance of the MDGs and SDGs and how oral health integrates with them
- Describe how the SDGs might affect oral health as a global priority in the future
- Define universal health coverage

# Warm up: Meet Dr. Tooth

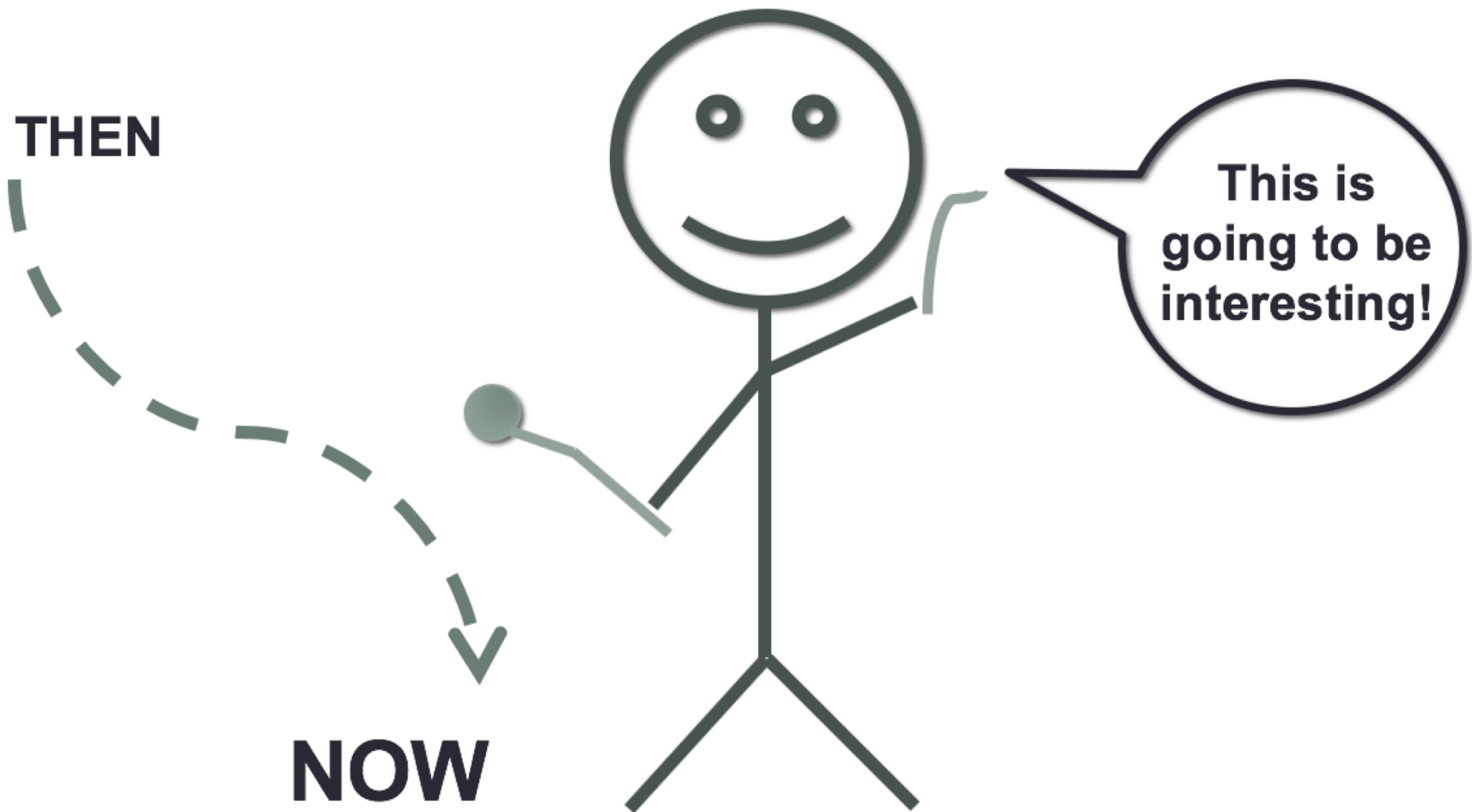


But there's a problem...

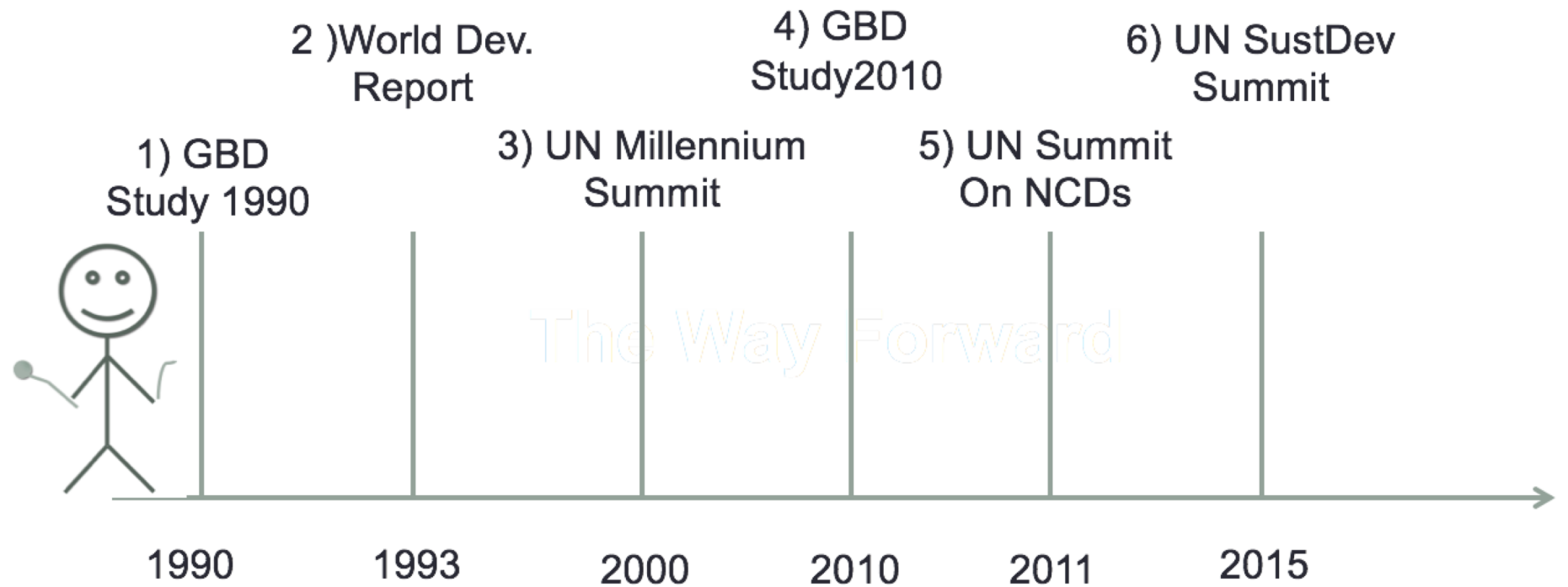




# Let's back up...and take a tour

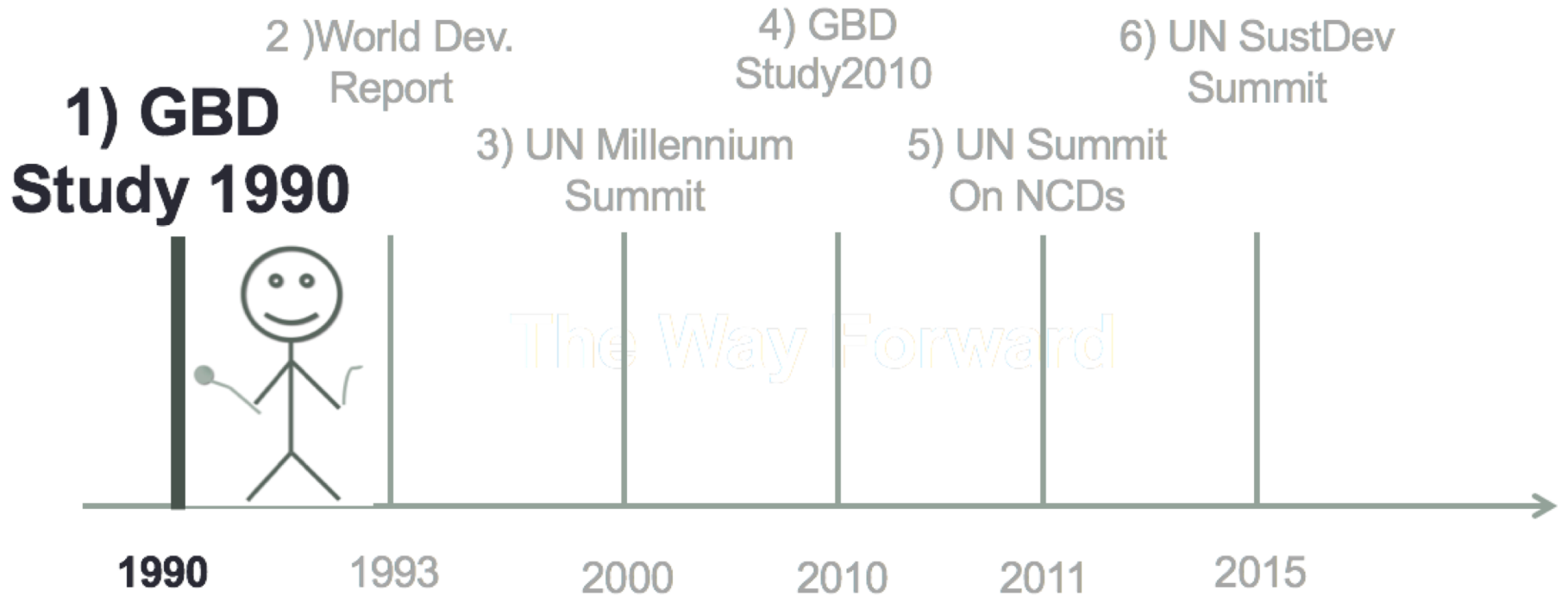


# World Development Timeline:



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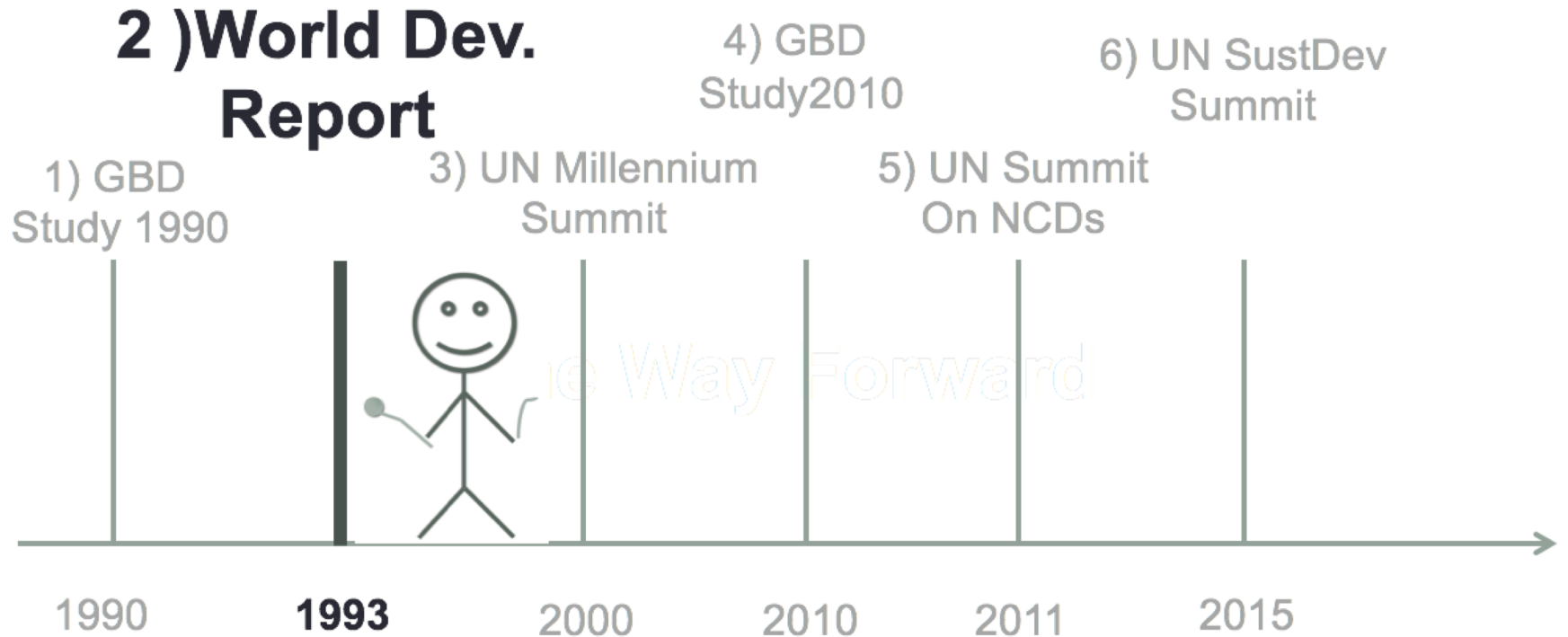
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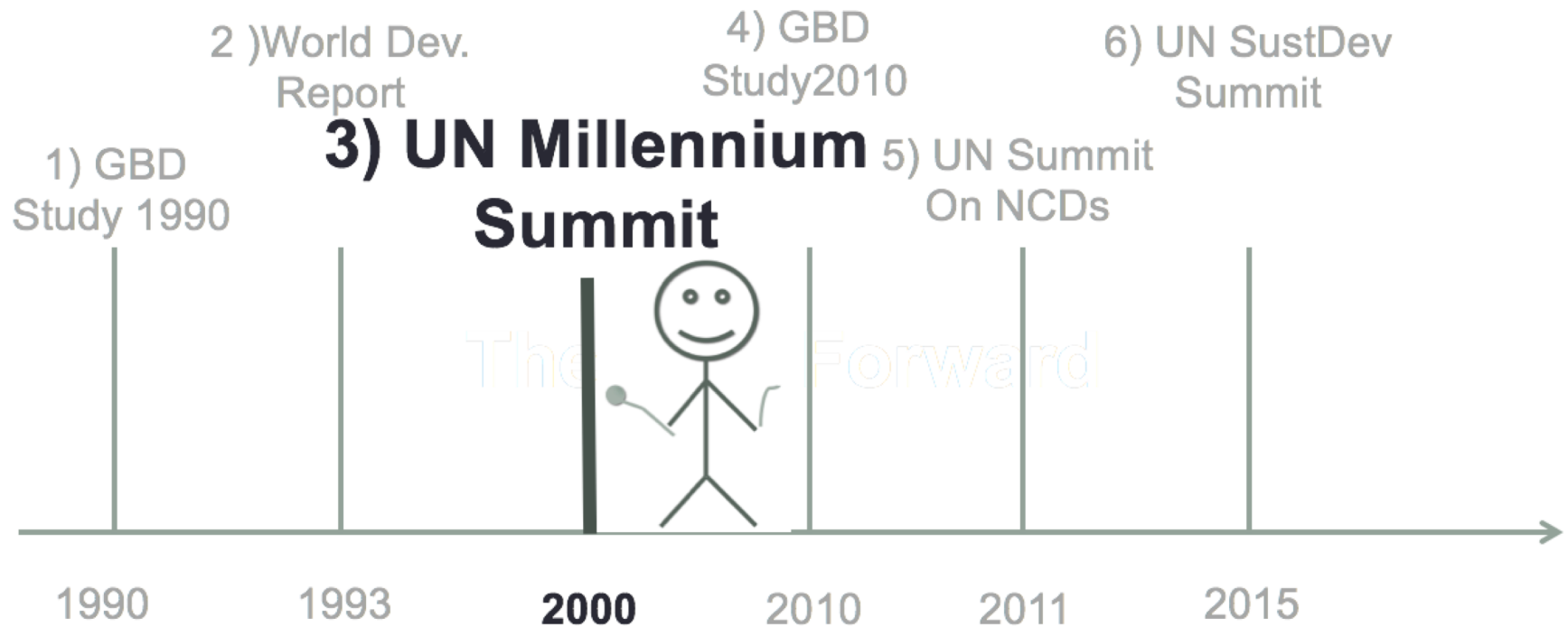


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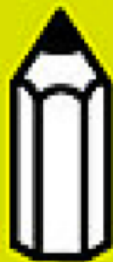
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# The MDGs



1

**ERADICATE EXTREME  
POVERTY AND HUNGER**



2

**ACHIEVE UNIVERSAL  
PRIMARY EDUCATION**



3

**PROMOTE GENDER  
EQUALITY AND  
EMPOWER WOMEN**



4

**REDUCE  
CHILD MORTALITY**



5

**IMPROVE MATERNAL  
HEALTH**



6

**COMBAT HIV/AIDS,  
MALARIA AND OTHER  
DISEASES**



7

**ENSURE  
ENVIRONMENTAL  
SUSTAINABILITY**



8

**GLOBAL  
PARTNERSHIP FOR  
DEVELOPMENT**



# The MDGs and Oral Health



1

## 1 Eradicate extreme poverty and hunger

- Toothache, dental infection and toothlessness lead to mal- and under-nutrition.
- Poor people are significantly affected by expenditure on dental care.
- Dental problems lead to days missed from work and subsequent loss of income.



2

## 2 Achieve universal primary education

- Dental problems can result in days missed at school.
- Toothache has an impact on a child's concentration, sleep, and school performance.



3

## 3 Promote gender equality and empower women

- Mothers need to know about basic oral hygiene and healthy diet for their children.
- As women live longer there is a need to embrace good oral health throughout life.



4

## 4 Reduce child mortality

- Dental infection, noma and harmful traditional practices can lead to death.



5

## 5 Improve maternal health

- Poor maternal oral health may impact on delivery and birth weight as well as on child oral health.
- Poor maternal oral health negatively impacts on child oral health.



6

## 6 Combat HIV/AIDS, malaria and other diseases

- There is a link between HIV/AIDS and oral health, and oral problems can be an early indicator of infection.
- Dental decay is the most frequent childhood disease.
- Proper cross-infection control is necessary to avoid transmission of diseases during dental treatment.



7

## 7 Ensure environmental sustainability

- In oral health care this involves using appropriate technology, effective infection control and safe disposal of medical waste.



8

## 8 Develop a global partnership for development

- This involves partnerships promoting oral health among key stakeholders.
- Access to essential medicines, basic oral care and prevention through fluoride are all important.

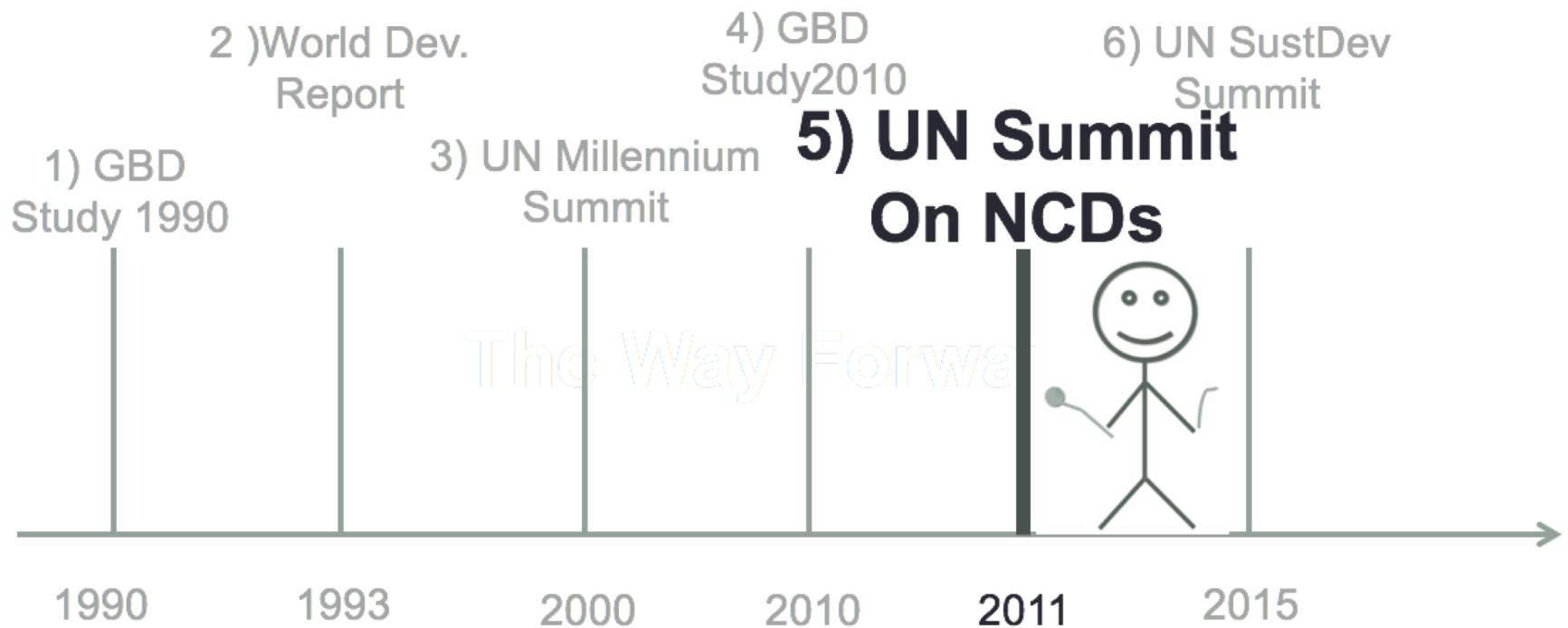
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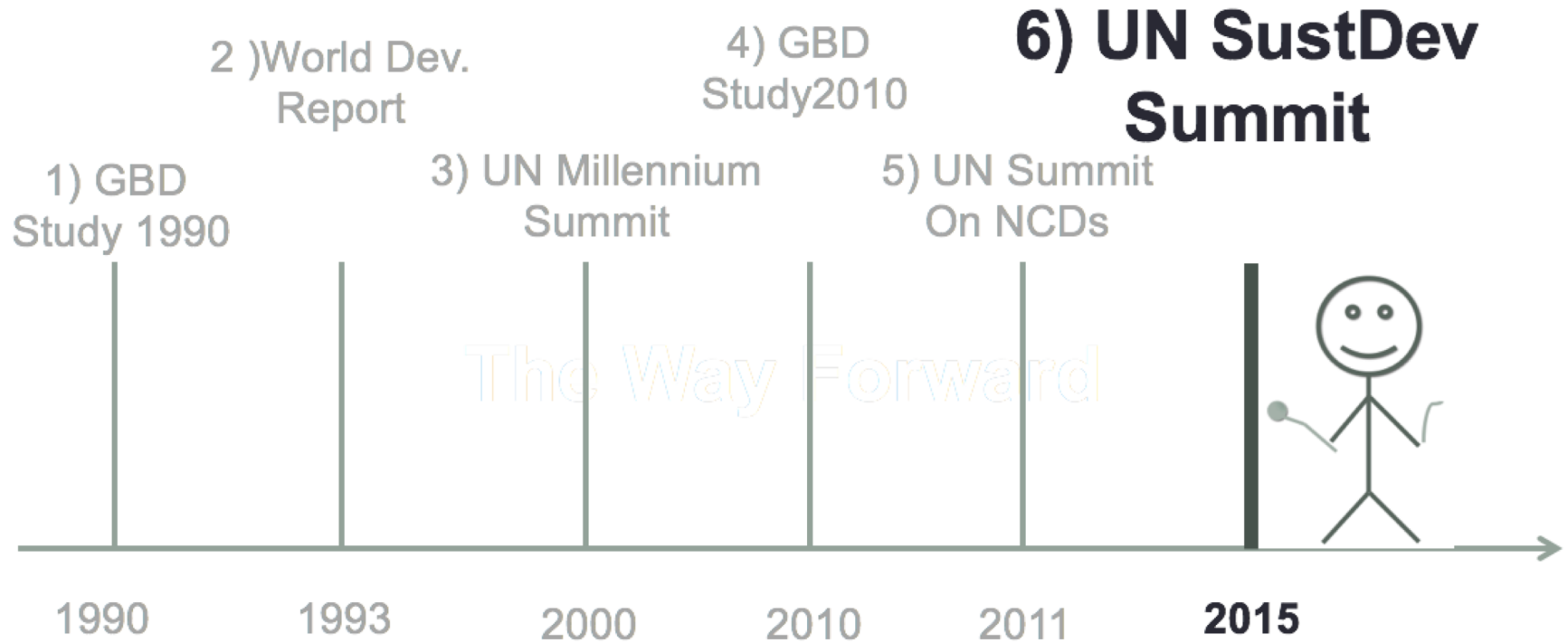
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# World Development Timeline:



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# The SDGs



## SUSTAINABLE DEVELOPMENT GOALS

17 GOALS TO TRANSFORM OUR WORLD

**1** NO POVERTY

**2** ZERO HUNGER

**3** GOOD HEALTH AND WELL-BEING

**4** QUALITY EDUCATION

**5** GENDER EQUALITY

**6** CLEAN WATER AND SANITATION

**7** AFFORDABLE AND CLEAN ENERGY

**8** DECENT WORK AND ECONOMIC GROWTH

**9** INDUSTRY, INNOVATION AND INFRASTRUCTURE

**10** REDUCED INEQUALITIES

**11** SUSTAINABLE CITIES AND COMMUNITIES

**12** RESPONSIBLE CONSUMPTION AND PRODUCTION

**13** CLIMATE ACTION

**14** LIFE BELOW WATER

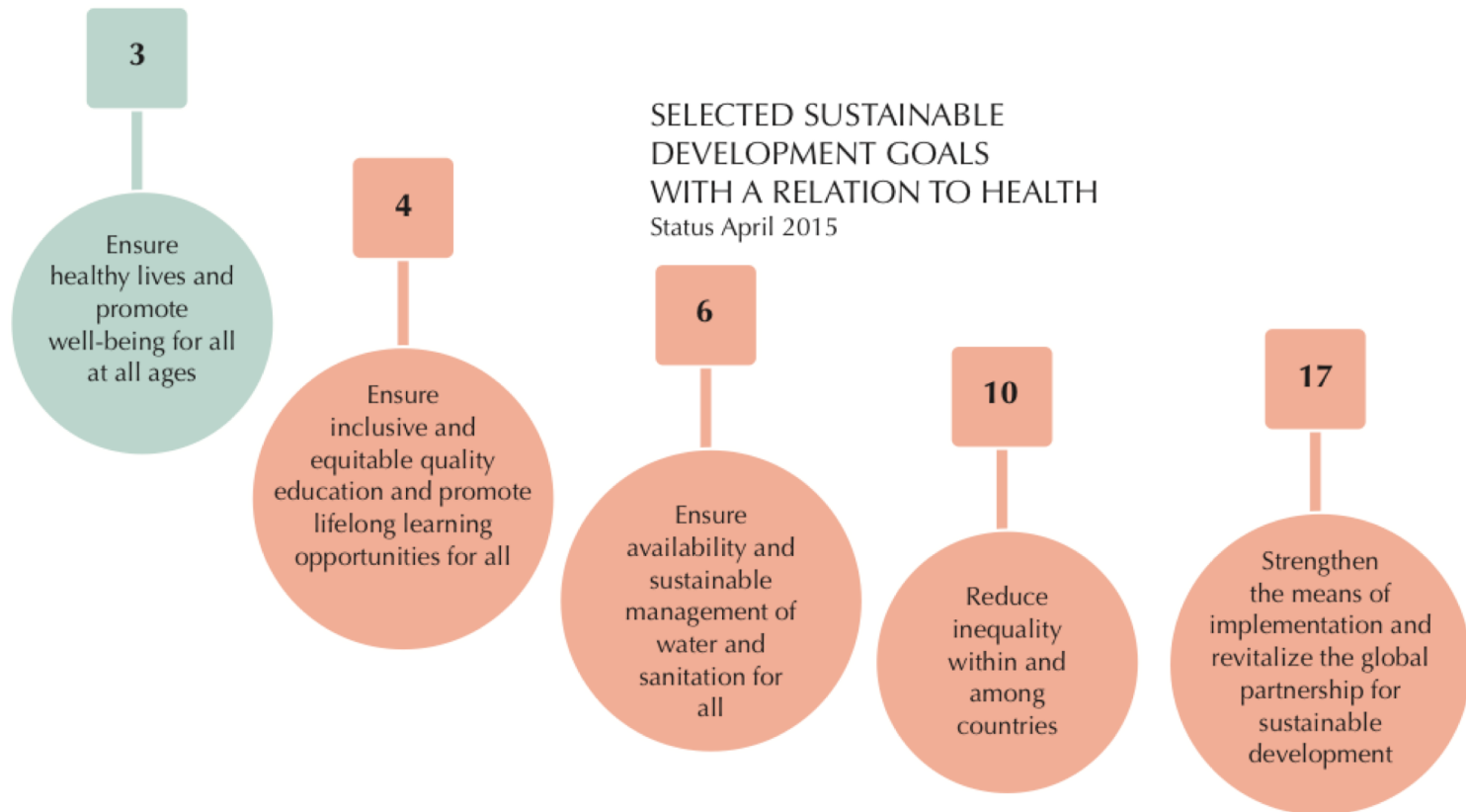
**15** LIFE ON LAND

**16** PEACE, JUSTICE AND STRONG INSTITUTIONS

**17** PARTNERSHIPS FOR THE GOALS

SUSTAINABLE DEVELOPMENT GOALS

# The SDGs and Oral Health



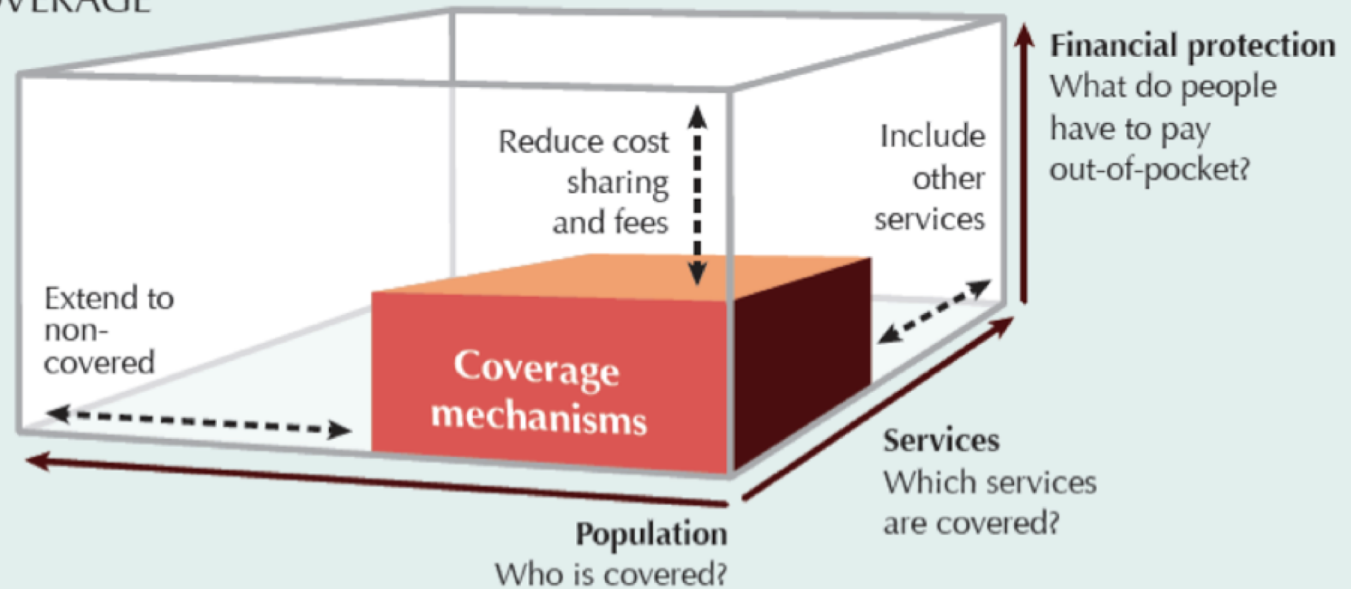
From *The Challenge of Oral Disease – A call for global action* by FDI World Dental Federation.  
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# Universal Health Coverage

## TOWARDS UNIVERSAL COVERAGE

Universal health coverage aims at:

- 'Health for All' – reaching people with healthcare services who are not currently served
- Including as many services as possible, but at least basic primary care
- Reducing cost sharing and fees, providing maximum financial protection



# “Best Buys”

<b>Essential Package of Population-Based Interventions</b>	<b>Essential Package of Clinical Interventions</b>
Taxation and Subsidies (e.g. sugar tax, tobacco tax)	Basic Cardiovascular Package
Laws and Regulations (bans on sugary food advertising to children)	Basic Pulmonary Package
Information and Communication (e.g. public awareness of healthy diet, menu labels)	Basic Mental Health and Neurological Package
Improved built environment (e.g. school and workplace programs that incentivize behavior change)	Basic Cancer Package



# Global Oral Health Institutions

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IADR-GOHIRA

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FDI

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– WHO-Oral Health Division

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IFDEA/ADEA

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– NIDCR

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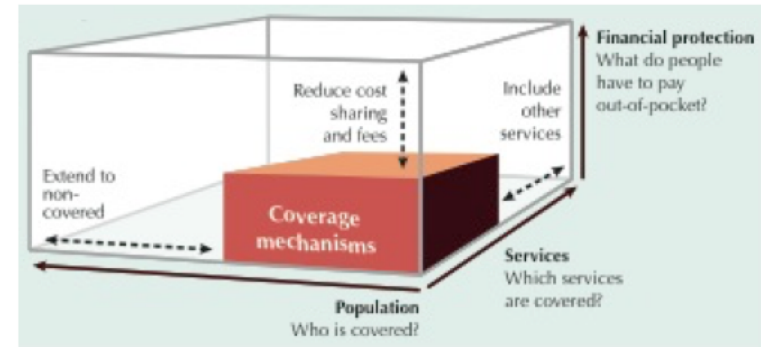
ADA Foundation

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CUGH-GOHIG

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# Global Oral Health and Coverage:



# WRAP UP



GOOD



To continue learning, please check out our other modules:

**Module 1: Global Trends**

**Module 3: Back to Basics-Primary Care**

**Module 4: Social Determinants and Risks**

**Module 5: Ethics and Sustainability**



## Global Health Starter Kit for Dental Education

*Funding for the project “Toward Competency-Based Best Practices for Global Health in Dental Education: A Global Health Starter Kit” was provided by a Consortium of Universities for Global Health Dr. Thomas Hall Global Health Education Grant and the International College of Dentists USA Section Foundation. We wish to acknowledge the CUGH Global Oral Health Interest Group for their support of this project and the competency work on which it was based.*

*We also wish to acknowledge the Harvard School of Dental Medicine Department of Oral Health Policy and Epidemiology and Office of Global and Community Health for their support of this project and the course material on which it was based.*