



University of Michigan Health OER Student Team

Our CGI U Commitment

Our commitment is to make comprehensive health curricula available as open educational resources (OER) to healthcare educators and students in order to increase the number of trained healthcare workers and to provide up-to-date continuing education materials for practicing healthcare workers.

Why Health OER?

There are large gaps in quality and of access to healthcare *between* developing and developed countries. In addition, there are large differences in quality and access to care *within* countries. The inadequate density and distribution of healthcare providers negatively affects health outcomes around the globe. In Africa in particular, too few health care professionals are being trained to meet local needs [2]. A key barrier in both developed and developing countries is the lack of instructor capacity to teach both basic and clinical sciences, complicated by the duplication of effort in developing learning materials that can be shared as OER.

In 2000, the United Nations member nations created the Millennium Development Goals (MDGs), an ambitious plan to drastically improve economic and social conditions in developing countries by 2015. The MDGs include eight goals ranging from education to poverty to the environment. Three of the eight goals focus on health specifically:

1. Reduce child mortality
2. Improve maternal health
3. Combat HIV/AIDS, malaria, and other diseases

[2] World Health Organization. *Working Together for Health: The World Health Report 2006*. WHO Publications: Geneva. 2006.

What is OER?

- Open, high quality digitized educational content, tools and communities
- Available anytime, anywhere for free
- Localizable and re-mixable
- Allows for collective improvement and feedback
- Examples include syllabi, lectures, readings, case studies, images, videos, demos [1]

[1] CC BY William and Flora Hewlett Foundation, Presentation at University of Michigan, October 23, 2008



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Our Student Team

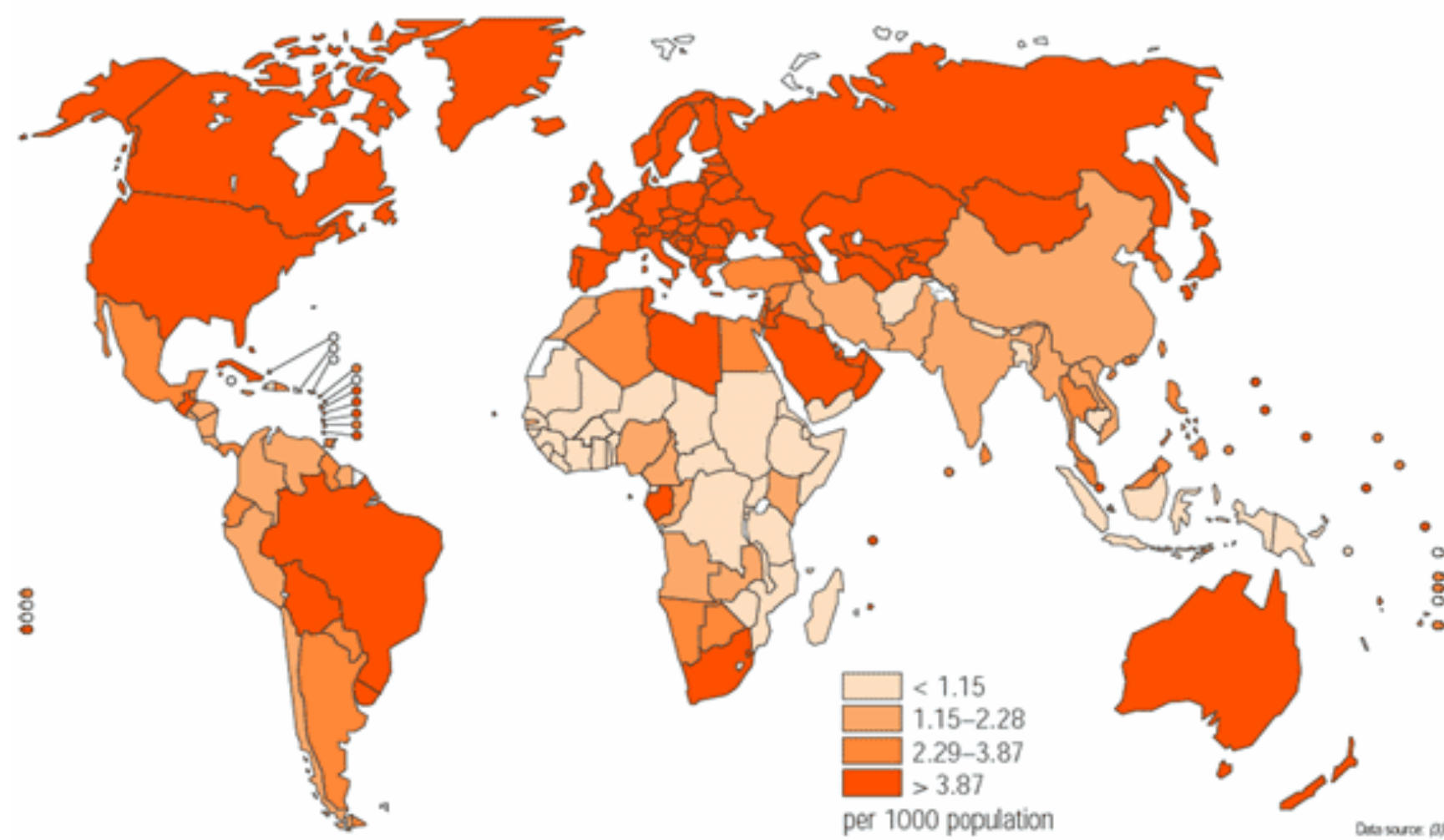
- Nejay Ananaba, School of Dentistry
- Kathleen Ludewig, School of Information/Gerald R. Ford School of Public Policy
- Stephanie Munz, School of Dentistry
- Matt Simpson, Medical School

Our Collaborators

- The William and Flora Hewlett Foundation
- University of Michigan
 - Medical School
 - School of Dentistry
 - College of Pharmacy
 - School of Kinesiology
 - School of Public Health
 - School of Nursing
 - School of Information
 - Stephen M. Ross School of Business
 - School of Architecture
- Kwame Nkrumah University of Science and Technology (KNUST)
- University of Ghana
- University of the Western Cape
- University of Cape Town
- University of Liberia
- OER Africa
- The Liberian Medical Association
- Liberian Medical and Dental Association
- A.M. Dogliotti College of Medicine
- Liberian Branch of World Health Organization
- Liberian Government

Distribution of Health Workers

Distribution of health workers by level of health expenditure and burden of disease



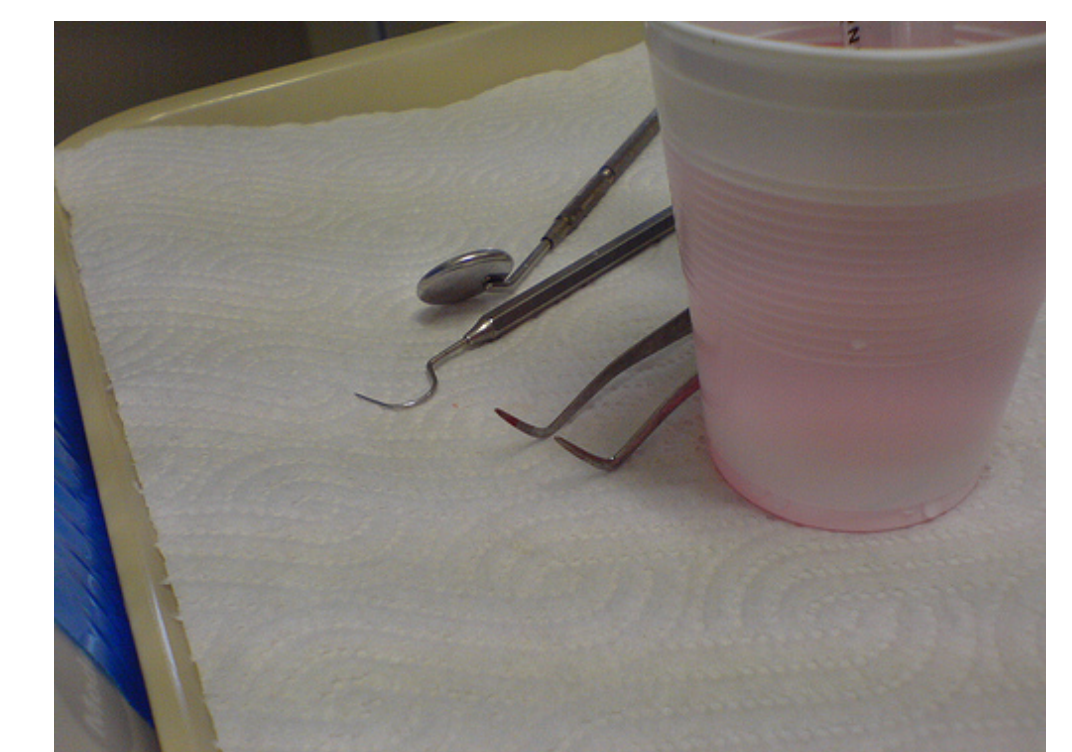
Source: World Health Organization. *Working Together for Health: The World Health Report 2006*. WHO Publications: Geneva. 2006.

Goals of OER

- Equalize access to knowledge
- Impact teaching and learning
- Make these materials useful in developing countries
- Learn from their use and development outside the U.S. [3], [4]

[3] CC BY William and Flora Hewlett Foundation, Presentation at University of Michigan, October 23, 2008

[4] CC BY-SA OER Africa, http://www.oerafrica.org/Communities/OERAfrica_Home.aspx



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