WELCOME TO GLOBAL HEALTH 101!
21st Century Areas of Progress: Global Health

- Child Mortality
- Vaccination Rates
- Water/ Sanitation
- Tobacco Control
- Malaria, HIV, Tuberculosis
- Neglected Tropical Diseases
- Road Safety
- Threat Monitoring And Response
For Example

- Child Mortality: 50% decline since 1990
- HIV: 33% decline in new infections since 2001
- Access to “improved” drinking water: 90% world
For Example

- Child Mortality: 50% decline since 1990
- HIV: 33% decline in new infections since 2001
- Safe drinking water: global target met, 2010

Myriad Challenges Remain
# 21st Century Global Health: A Plethora of Challenges

<table>
<thead>
<tr>
<th>Challenges</th>
<th>Issues</th>
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</thead>
<tbody>
<tr>
<td>Millions of Avoidable &lt;5yo Child Deaths Annually</td>
<td>Malaria, HIV, TB Continue to Kill as Diabetes, Heart Disease, Cancer, Mental Illness Skyrocket</td>
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<tr>
<td>War &amp; Conflict Cause Immense Suffering &amp; Disrupt Vaccinations</td>
<td>Epidemics such as Ebola, Dengue, MERS &amp; H7N7 arise</td>
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<tr>
<td>Billions Lack Adequate Safe Water and Sanitation</td>
<td>Skyrocketing Road (And Other) Injuries in Developing Countries</td>
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<tr>
<td>A Billion People Still Smoke, Producing Disability and Death</td>
<td>The Traps of Social Determinants Continue . . . .</td>
</tr>
</tbody>
</table>
21st Century Global Health Challenges: A Sampler

3 Million Avoidable Child Deaths Annually
War & Conflict Disrupt Vaccinations & Polio Eradication
Billions Lack Adequate Water and Sanitation
A Billion People Still Smoke
Malaria, HIV, Tuberculosis
Dengue Fever & Chagas Continue a Global March; G
Skyrocketing Road Injuries in Developing Countries
New Diseases Such as MERS, H7N7 Emerge and Spread

And What About . . .
Climate Change?
Globalization?
Development?
101 AT A GLANCE
COURSE GOALS

• Concepts
• Challenges
• Terminology
• Actors
• Systems
• Policy
• Interventions
• Ethics
• Cultural Competence
• Research
COURSE TOPICS

- Goals, Concepts, Metrics
- Determinants, Actors, Research
- Actors, Systems, Interventions
- Infectious Disease
- Non-Communicable Disease
- Injury, Violence, Disaster
- Maternal, Child, and Reproductive Health
- Future of Global Health

TEST 1 (21 Sept.)

TEST 2 (26 Oct.)
- CUMULATIVE

TEST 3 (16 Nov.)
- CUMULATIVE
HOUSEKEEPING

Syllabus

Course Website

Attendance Cards

http://sites.duke.edu/globalhealth101/
Goals of the Course

Understanding and analyzing the basics of global health:

- Concepts
- Challenges
- Terminology
- Actors
- Systems
- Policy
- Interventions
- Ethics
- Cultural Competence
- Research

MOST IMPORTANT:

I WANT YOU TO LEARN TO SEE AND TO ANALYZE THE WORLD.

--And to understand that we are all interdependent.
For Wednesday & Friday

For Wednesday/Friday Section
- Read Syllabus Carefully
- Explore the Website
- Buy the Casebook
- Be On Time!

For Monday Lecture
- Bring a copy of student slide set to class (available after 1PM on Sunday)