



Global Health Sim

Innovative Education by Simulation

**Training that Sticks: Team Simulation Training
for Public Health Professionals**

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A red-tinted photograph of a classroom or meeting room. Several people are seated at long tables, some looking towards the camera and others looking down at papers or devices. The room has large windows in the background. The overall atmosphere is professional and collaborative.

INTRODUCTION TO GLOBAL HEALTH SIM

GHSim

- Registered non-profit social enterprise
- Delivery of innovative experiential learning opportunities
- In-person simulations in a number of countries; online simulations with participants from five continents
- Facilitator course to develop professionals to deliver their own simulations



SIMULATION LEARNING

Form of experiential learning where learners prepare for real-world problems by imitating analogous situations.

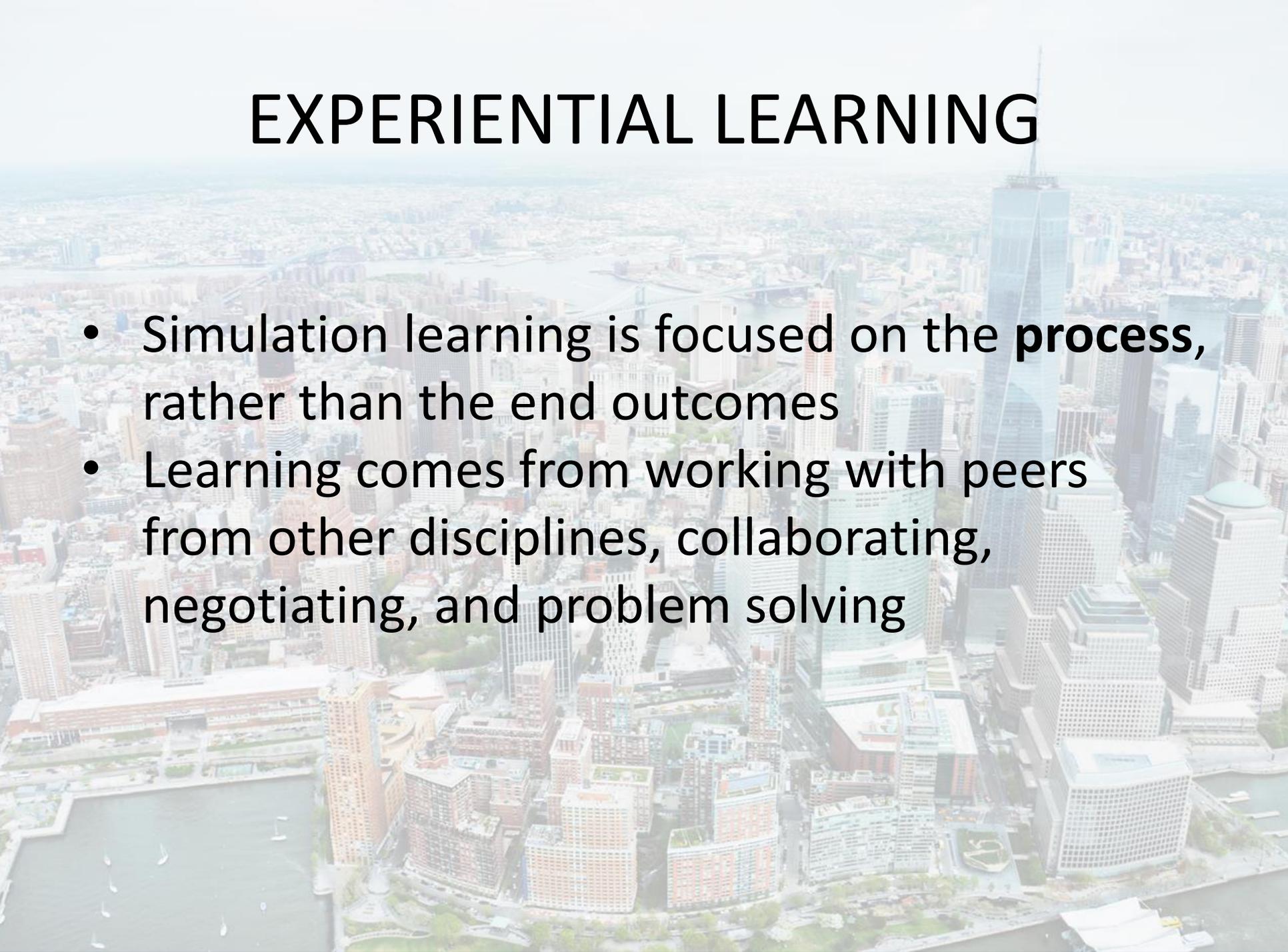
Education is delivered through use of active problem-solving, immersive role-playing, and knowledge application.

WHY SIMS?

- Simulation learning is:
 - **Experience focused**
 - **Interdisciplinary**
 - **Safe environment**



EXPERIENTIAL LEARNING

An aerial photograph of a dense urban skyline, likely New York City, featuring numerous skyscrapers and a river in the foreground. The image is slightly faded to serve as a background for the text.

- Simulation learning is focused on the **process**, rather than the end outcomes
- Learning comes from working with peers from other disciplines, collaborating, negotiating, and problem solving

SAFE ENVIRONMENT

- Designed for testing, practicing, and **learning from failure**
- Identify critical issues so they can be **solved proactively**
- **Optimize** communication networks, teamwork, and organizational effectiveness

[Simulation Video](#)

A red-tinted photograph of a classroom. Students are seated at long wooden desks, facing towards the front of the room. The room has large windows in the background. The text "OUR SIMS" is overlaid in the center in white, bold, sans-serif font.

OUR SIMS

BREADTH OF PUBLIC HEALTH TOPICS

Local



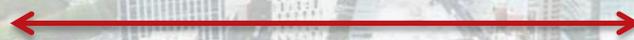
Global

Individual



Population

High Income

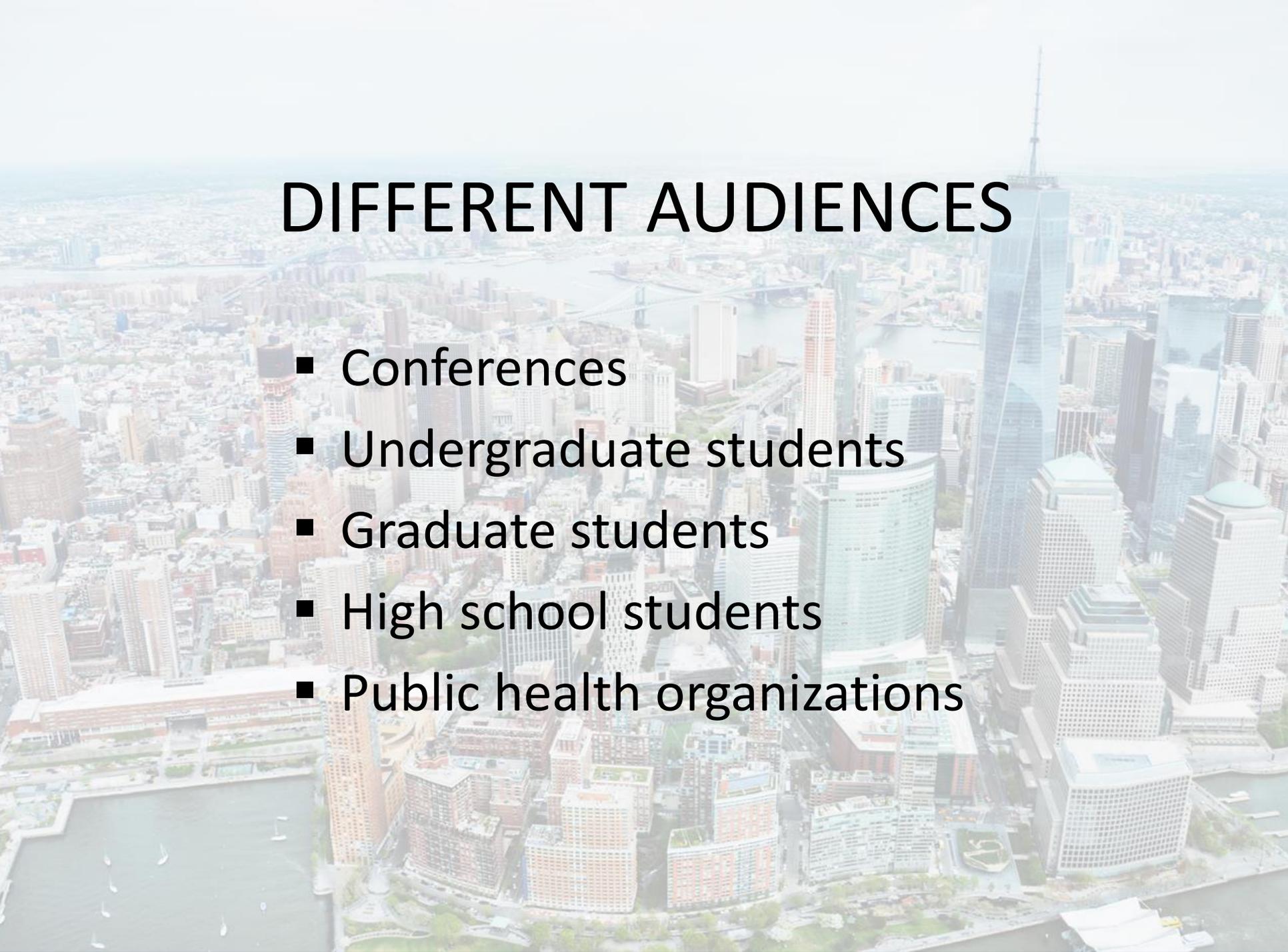


Low Income

Acute



Chronic

An aerial, high-angle photograph of a dense urban skyline, likely New York City. The image shows a vast expanse of skyscrapers and buildings, with a prominent blue-tinted tower on the right side. The city is situated near a body of water, with a bridge visible in the distance. The overall scene is hazy, suggesting a misty or overcast day.

DIFFERENT AUDIENCES

- Conferences
- Undergraduate students
- Graduate students
- High school students
- Public health organizations

A 3-PART EXERCISE

An aerial photograph of New York City, showing the Hudson River, the East River, and the Freedom Tower. A large red arrow points from the top right towards the three red boxes below.

DELIBERATION

DISCUSSION

DEBRIEFING

A red-tinted photograph of a classroom. Students are seated at long wooden desks, facing towards the front of the room. The room has large windows in the background. The text "SAMPLE SIM" is overlaid in the center in white, bold, sans-serif font.

SAMPLE SIM

SAMPLE SIM - 13



Global Health Sim

Free Open Access Learning by Simulation



Simulation #13
Gangs, Guns and Gavels

Author
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Tags
Prevention, Local Public Health, High-Income Setting



Roles & Objectives

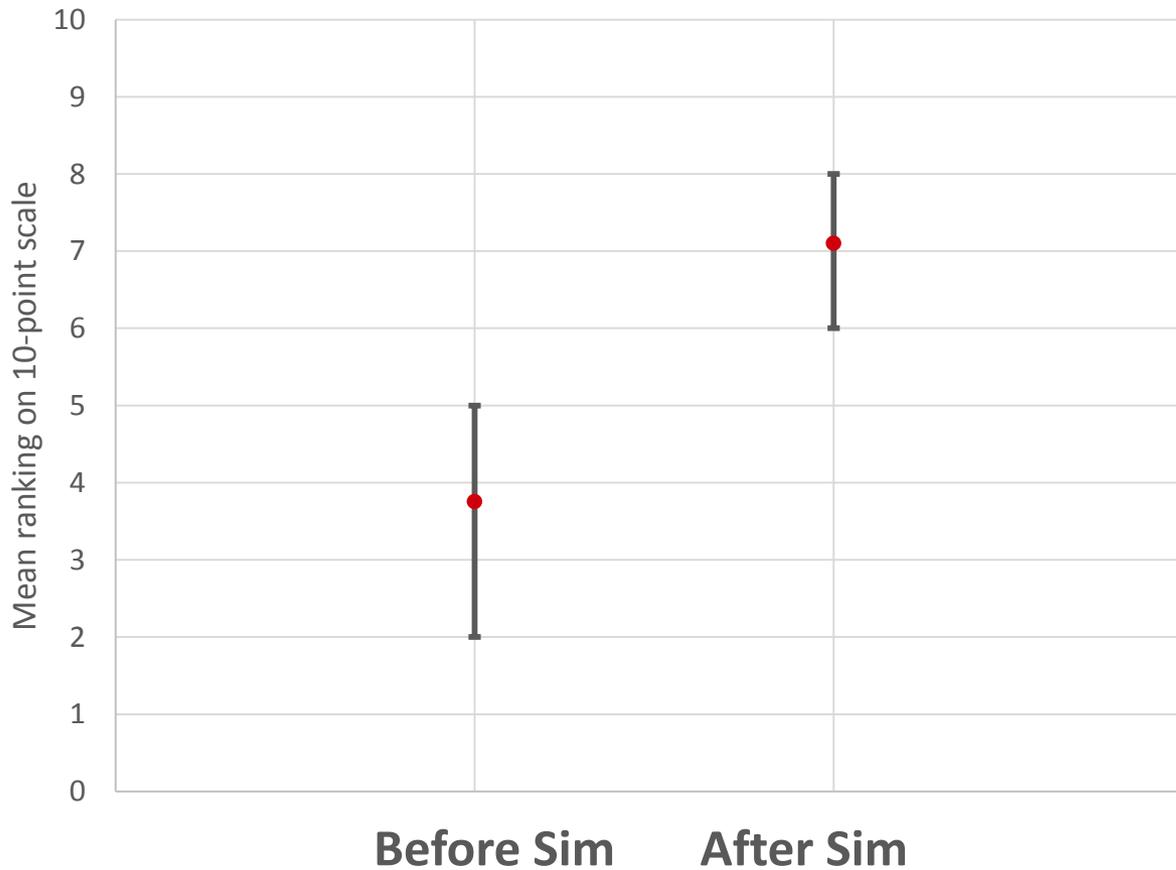
Roles that convene for a town hall meeting:

- Government: Mayor, police, DA, MOH, school principal
- Experts: Field epidemiologists, federal public health service
- NGOs: citizens coalition, not-for-profit

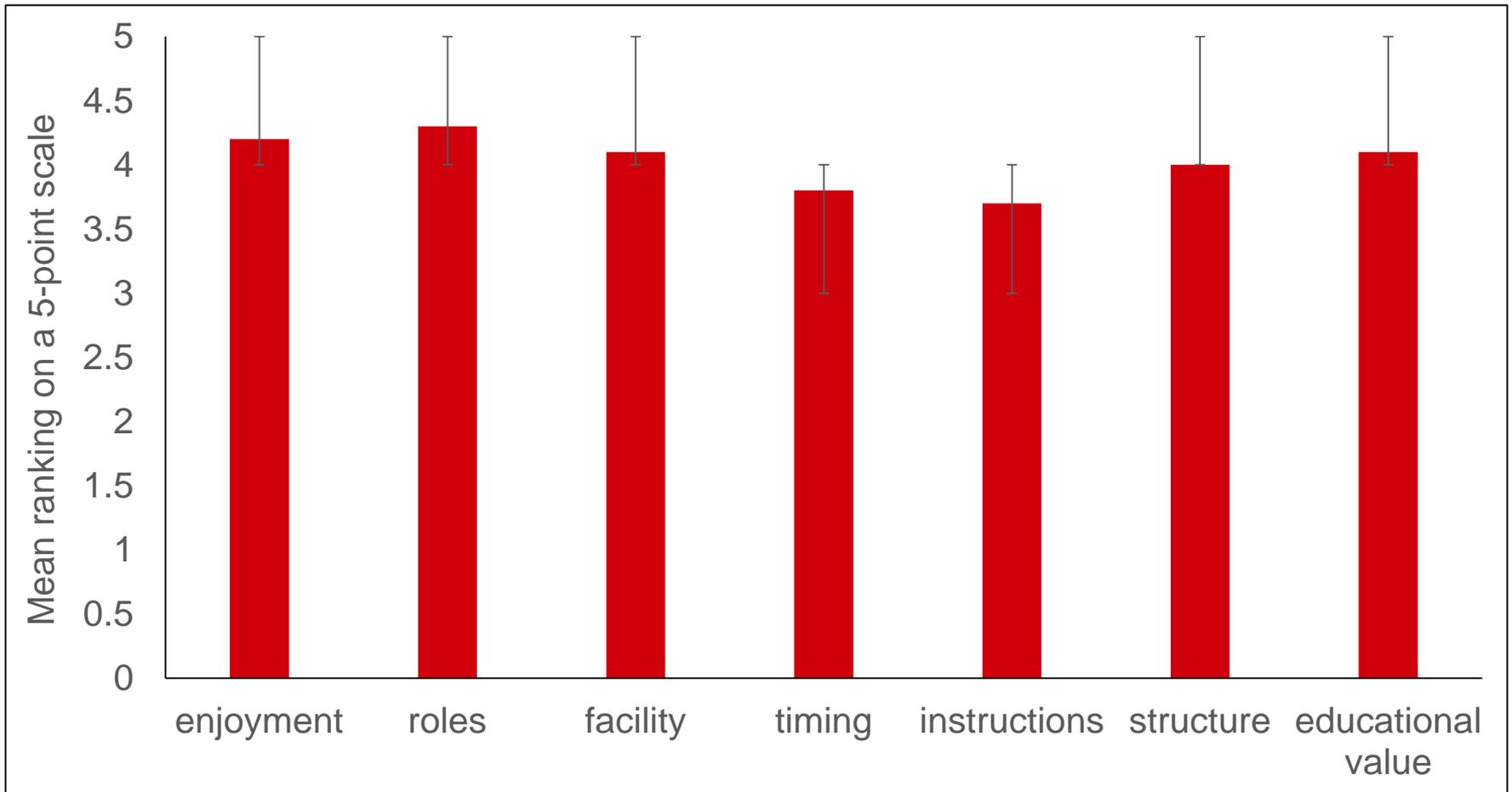
Learning objectives:

1. Identify and debate evidence-based approaches to the reduction of organized crime and homicide.
2. Demonstrate the utility of both top down and bottom up approaches to problem solving at the municipal level

Public health content knowledge before and after simulation



Participant- rating of other aspects of the simulation experience



MAJOR THEMES IDENTIFIED BY PARTICIPANTS

1. Multidisciplinary actors involved
2. Success requires communication and team work, two of the most difficult aspects to achieve
3. Importance of engaging the community you wish to impact most
4. Funding and priority alignment



WORKSHOP ACTIVITY

OBJECTIVES

- Identify key components of simulation and simulation development
- Apply simulation components to current Public Health issue
- Discuss implementation of simulation in different Public Health and Global Health contexts

INSTRUCTIONS

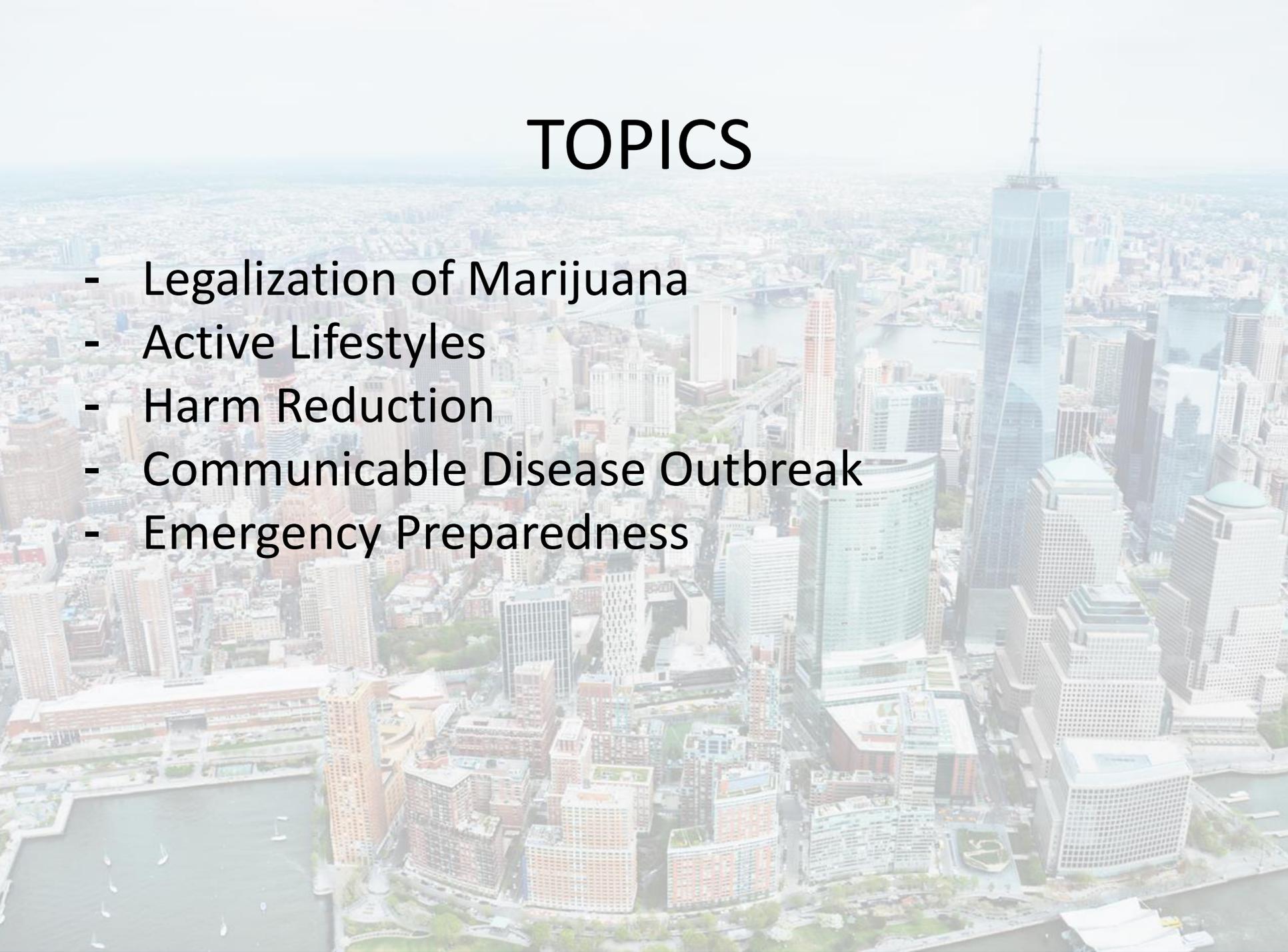
An aerial photograph of New York City, showing the Hudson River, the Manhattan skyline, and the Freedom Tower. A large red arrow points from the right side of the image towards the center, where the instructions are located.

Select
Topic

Objectives
& Roles

Present &
Discuss Sim

TOPICS

An aerial photograph of Lower Manhattan, New York City, showing a dense cluster of skyscrapers. The Freedom Tower is the most prominent building on the right side of the image. The Hudson River is visible on the left, and the East River is on the right. The sky is overcast and hazy.

- Legalization of Marijuana
- Active Lifestyles
- Harm Reduction
- Communicable Disease Outbreak
- Emergency Preparedness

Objectives Development - 15min

Instructions: Review the topic and background, discuss what your team or organizational may want to learn from a simulation.

Develop 3 objectives that relate to the topic and what could be accomplished in a 2-3 hour simulation.

Hint: Consider **SMART principles** when developing the objectives:

Specific

Measureable

Achievable

Realistic

Time limited

Role Development - 20min

Instructions: Using the background and objectives you created, discuss the different relevant stakeholders.

Develop 5-6 roles for the sim; assign each group member to create their own and discuss

Hint: Roles should include the following:

- **Title** (Organization or person/position)
- **Description** of role and **background** relevant to the role
- **Resources** - what does this person/organizational have they could bring to the table
- **Objectives** - special interests, what is goal of this person in the sim

Present & Discuss - 30min

Each group will present their simulation topic, background, objectives, and roles to a nearby table (group).

Discuss how you would run the simulation, and suggestions for improvement.

*Each group has 15min for to present and discuss their simulation.

Discussion

1. Take aways? Relevance to your workplace?
2. How and with whom, could you use simulation in your context?
3. Foreseeable challenges to implementing simulations for team/organizational learning?

DO YOU WANT TO LEARN MORE?



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Innovative Education by Simulation

STARTING **JUNE 2018**

Simulation Facilitation Training Course

- 3 months of self-paced online classes
- Learn to develop & facilitate simulations
- Participate from anywhere!

Limited Time Offer! ~~\$250~~ **\$150**

APPLY NOW: ghsim.com/course



THANK YOU/QUESTIONS