



*Global Seminar for the  
Environment and Health:  
A Model for American and Latin  
American Medical Education*

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## *What is Global Seminar?*

- A learning community of students and faculty from around the world who study key global issues, simultaneously and interactively.
- Partners and participants comprise an international problem-solving team, addressing case studies of utmost importance for human health and the survival of our planet.
- Fully interactive technology including live videoconferences and interactive online labs, intellectual discussions among students, faculty and international leaders.



## *Why have a Global Seminar?*

- Shared understandings that transcend national boundaries, cultures and backgrounds offer the best hope for a healthier and more sustainable world.
- Physicians in training will be more prepared to articulate political agendas and understand complex real-life situations.
- The greater the number of medical students training in critical thinking and dialogue, the greater their capacity to impact human health.



## *The Global Seminar Goals*

- Create changes in health and medical education to foster international distance learning partnerships and a forum for future development.
- Teach critical and creative thinking about key health and environmental issues and approaches.
- Use technology to create a model of virtual global education.



## *The Global Seminar Objectives*

- Enhance intercultural communication skills, improve learning and build leadership skills.
- Increase communication among faculty and administrators at participating institutions.
- Refine a model suitable for universities interested in creating effective, fully interactive international educational collaborations.

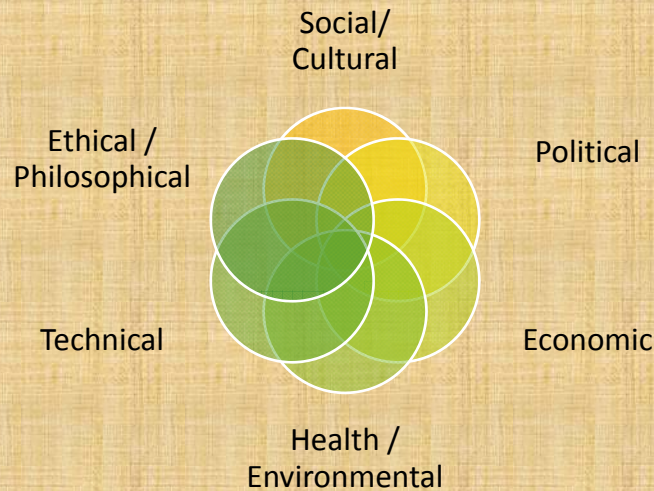


## *The Global Seminar Method*

- **Case Study Approach**
  - Students apply research and analytical skills to discuss and reflect on real-life cases from a variety of perspectives
- **Constructivist Learning Philosophy**
  - Faculty members coach and facilitate student-centered, experiential learning
- **Innovative Technology**
  - Interactive videoconferencing
  - Electronic discussion boards and virtual chats
  - Web-based course management and archival system



## *Six dimensional matrix for case analysis:*

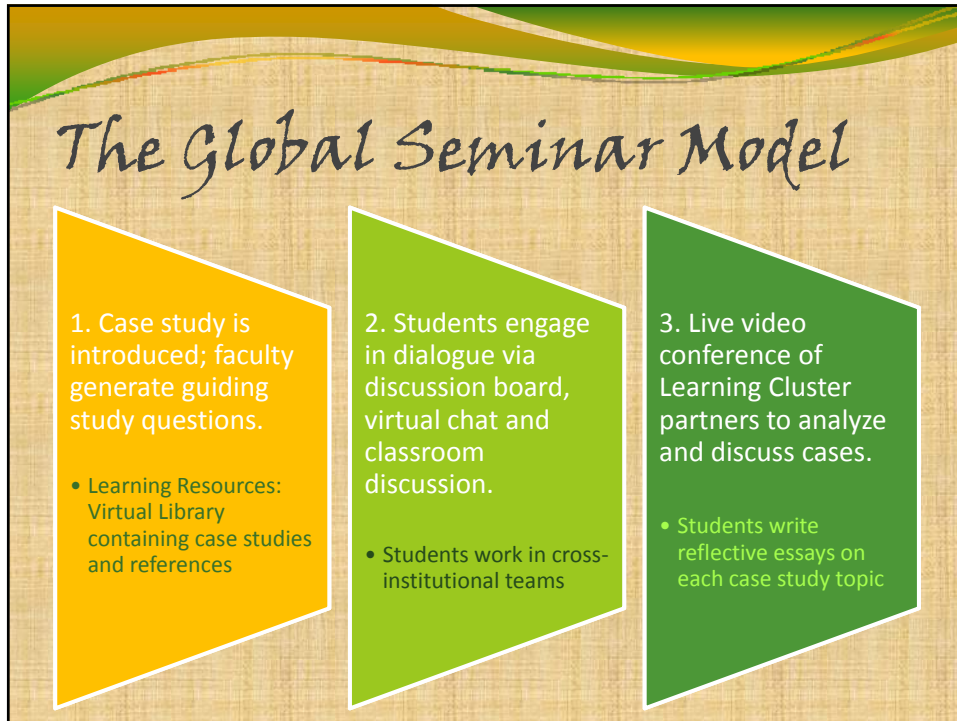


## *The Global Seminar Organization*

*Students across global institutions share a common curriculum and come together through videoconferences to discuss cases and share reflections.*

- Medical schools in Dominican Republic, Honduras and El Salvador come together in dialogue
- Each University selects a Faculty Coordinator
- Management of course activities is facilitated through email, telephone and videoconference.
- Members meet at a biannual Global Seminar Conference to plan spring semester course offering.





## The Global Seminar Model

Example of One Case Study Cycle	
Orientation to Global Seminar and Case Study Approach	
Introduction to sustainability and sustainable development	
Case Study #1: Population Control in an African Village	
Discussion of readings	First week
Guest Lecturer, discussion, planning for videoconference	Second week
Videoconference	Third week

This schema represents a typical three-week case study cycle. Each cluster or group of universities participating in the shared course determines the number of cases to be reviewed during a semester.

## Global Seminar Topics

- Population
- Global Warming
- Globalization, Trade and Development
- Biodiversity
- Novel Food Proteins
- Global and Local Water Concerns
- Harvesting of pharmaceuticals from rainforest environments



## Videoconference – Nutrition



7:00

## *Who are Global Seminar Partner Institutions?*

- Universities
- Community Colleges
- Polytechnics and Vocational Institutes
- Continuing Education Programs
- High Schools
- Medical Schools



## *Edward Via Virginia College of Osteopathic Medicine*



VCOM supports the Global Seminar for Environment and Health by providing faculty instruction and hosting the bridge for video conferences.

## Osteopathic Medicine



- The philosophy of Osteopathic Medicine originated from the teachings of Virginian **Andrew Taylor Still** over 100 years ago.
- Osteopathic Medicine is based on the belief that the health of the individual is related to the **body, mind, and spirit**.
- Osteopathic physicians prescribe medications, perform surgery, and use osteopathic manipulative medicine as a tool to diagnose and treat patients.
- Twenty-three other osteopathic medical schools that enroll more than 8,000 students are located within the United States.

## The Global Forum on Health and the Environment

*A distinguished lecture series designed to initiate discussions on the topic of worldwide health among:*

- Leaders in health care
- Health professionals
- Those preparing for careers in health
- Scientists in environmental health
- Policy makers





## *The Global Forum on Health and the Environment*

- Live lectures originate from international locations
- Affiliated with the World Bank Global Development Learning Network
- Made available through internet video streaming and satellite broadcast

Global Forum on Health and Environment  
Distinguished Lecture Series  
&  
Global Seminar for Invited Medical Schools Worldwide

Nurture Nature Nurture Health  
Your Health and Environment:  
Cancer and Cancer Prevention

by

Dr. Mitchell L. Gaynor  
Weill-Cornell Medical College  
Founder and President, Gaynor Integrative Oncology in New York City

January 18 at 6:30 PM Eastern Daylight Time  
In Person at Paul Hastings 75 East 55<sup>th</sup> Street, New York City  
&  
Special Viewing, United Nations 117

#### Partners

World Bank Global Distance Learning Network (GDLN)  
Medical Missions for Children  
McGraw Hill Publishing  
Sponsors

The Nurture Nature Foundation, Theodore W. Kheel, President  
The Edward Via Virginia College of Osteopathic Medicine

## *Why join the Global Seminar?*

- Affiliation and routine collaboration with a global network of educational institutions
- Access to a secure online learning environment that allows for real-time interaction
- Participation in live videoconferencing during the semester
- Access to a virtual library with case studies, reference materials and other resources
- Provides students and faculty a unique opportunity to come together and share culture and dialogue



## Contact Information

- For more information about Global Seminar or to participate please contact:

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