Course Title: Introduction to Global Public Health
Course Number: UGPH 0600
Course Pre- and Co-requisite(s): None
Course Location: Synchronous Zoom

Course Date & Time: Tuesdays 6:00 - 8:00 p.m.
Course Instructor: Stephan Schwander, MD, PhD (Course Director)
Associate Professor
Department Urban-Global Public Health
schwansk@sph.rutgers.edu (please, put ‘UGPH 0600’ in Subject line)
Work mobile: 732-713-8959

Office Hours: Wednesday 12:30 – 1:15 p.m.
Link for office hours: https://rutgers.zoom.us/j/7932764964?pwd=ZzNmZ3hWV2hGYnNXemFCS3c0UmlyUT09

Course Assistant: NA
Course Website:

Companion Course Textbook:

Images, photos, graphs, and tables for the various classes will be taken from scientific journal articles, lecturer’s own sources (previous lectures and research material), the online encyclopedia of medical images and for example CDC and WHO websites. Each of the lecturers is free to provide education material according to their own judgment.

Weekly Reading:
Reading material related to weekly lectures and discussion topics are provided in the specific weekly class assignments. Reading material consists of journal articles and/or specific website texts.

Course Description: This introductory course on global public health will provide the students with an overview of various aspects and important components of global public health. This 3-credit course is a required course for the MPH in the Global Public Health concentration of the Urban-Global Public Health Department at RU SPH.

There is a growing emphasis on global health concerns by the US government and other agencies. The U.S. government’s Global Health Initiative launched in May 2009 by President Barack Obama is pursuing a comprehensive approach to global health.
In a world that is increasingly globalized yet also fragmented it not only becomes important to ensure a healthcare workforce that is conversant with global health concerns but also to build knowledge networks and research capacities to address information gaps.

In addition to communicable diseases, malnutrition, and lack of infrastructure and economic means that magnify negative health effects from environmental degradation, climate change, emergencies and war activity, low-and-middle-income countries (LMICs) are increasingly affected by chronic diseases.

• **Selected Concentration Competencies Addressed:** Evaluate determinants of global public health in a range of context based on the five major public health perspectives: systems and policies, epidemiology, biostatistics, environmental and occupational health, and health education and behavioral science.

• Demonstrate an understanding of the economic, educational, political, sociocultural, environmental, ecological, and biological conditions that represent obstacles to attaining global health.

• Demonstrate an understanding of international regulations, transfer of new pharmaceuticals into health systems and management of global health programs.

• Analyze root causes of morbidity and mortality in major regions of the world and how they are affected by demographic, sociocultural, biological, occupational, and environmental factors.

• Apply fundamental principles of global standards for the protection of human subjects in diverse cultural settings.

• Apply the fundamental principles of global public health perspectives on global public health education, research, and practice.

• Exhibit skill sets required for global health practice including written and verbal communication skills, capacity for interprofessional teamwork, leadership, social awareness, and cultural competency to enhance capacity strengthening and service delivery with compassion and integrity.

Please visit the Concentration webpages on the School of Public Health’s website at [sph.rutgers.edu](http://sph.rutgers.edu) for additional competencies addressed by this course for other degrees and concentrations.

**Course Objectives:** By the completion of this course, students will be able to:

A. Appreciate the effects of geography, climate, culture, political and health systems as well as economy on global health.

B. Describe the geographical differences in disease morbidity and mortality in the global context.

C. Understand the obstacles posed by international political and economic structures and regulations on achieving the goal of improving global health.

D. Recognize the effects of environmental and other emerging factors on global public health.

**Course Requirements and Grading:**
1. Weekly assignments “Online 30” reflections 15 
2. Midterm Exam 20 
3. Final Exam 25 
4. Class Project & Presentation 30 
5. In-Class Participation* 10 
Total: 100 **

*Class participation implies (1) presence in the classes and (2) active participation during each class through contribution to discussions, questions, or comments. Absences from classes in the course should be announced to the course director/TA.

**Students participating actively throughout the semester in online discussions and reflections on other students’ weekly ‘Online 30’ postings, can receive extra points at the end of the course.

• School-wide uniform grading scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
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<td>C</td>
<td>70 – &lt;77</td>
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<tr>
<td>F</td>
<td>&lt;70</td>
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Course Schedule:

CLASS 1. January 18, 2022
Lecturer: Dr. Stephan Schwander, RU SPH
Topics: All meet All
Lecturer: Dr. Elizabeth Marshall, RU SPH (1st hour)
Topic: Measures of Health and Disease in Populations
Lecturer: Dr. Stephan Schwander, RU SPH (2nd hour)
Overview - Syllabus and Course Requirements
A few first concepts (2nd hour)

Supportive Literature

CLASS 2. January 25, 2022
Lecturer: Dr. Stephan Schwander, RU SPH
Topics: Climate Change and Global Public Health
Urbanization
Sustainable Development Goals (SDGs)

Supporting literature

CLASS 3. February 1, 2022
Lecturer: Dr. Michael Gochfeld, RU SPH and EOHSI
Topic: *Complex Emergencies (war, genocide, refugee health and security)*

Supporting literature

CLASS 4. February 8, 2022
Lecturer: Dr. Stephan Schwander, RU SPH
Topic: *Global Infectious Diseases*
*Pandemics*
*Antibiotic Resistance*

Supporting literature

Review of medical microbiology and immunology, 10th ed., 2008 Warren Levinson. Chapters 51 (intestinal and urogenital protozoa) and 52: (blood & tissue protozoa)

*Cellular and Molecular Immunology by Abul K. Abbas, Andrew H. Lichtman and Shiv Pillai. Updated 6th ed. Chapter 15, immunity to parasites, pages 365-370*


CLASS 5. February 15, 2022
Lecturers: Dr. Nancy Fiedler and Dr. Mark Robson, RU SPH and EOHSI
Topic:  
Global Environmental Health

Supporting literature

CLASS 6.  
February 22, 2022
Lecturer:  
Roxanna Shayesteh Ast, cand PhD, RU SSW, Center on VAWC
Topic:  
Gender Violence

Supporting literature

CLASS 7.  
March 1, 2022
MIDTERM EXAM

CLASS 8.  
March 8, 2022
Lecturers:  
Drs. S. Schwander & Michael Gusmano, RU SPH
Topics:  
Analysis and discussion of two films (1st hour)
Migration and Refugee Health (2nd hour, recorded lecture)

SPRING RECESS  
March 12-20, 2022

CLASS 9.  
March 22, 2022
Lecturer:  
Drs. Leslie Kantor, Laura Lindberg & Charletta Ayers
Topic:  
Global Maternal Health & Reproductive Health
Discussion of Working Group work

Supporting literature

CLASS 10.  
March 29, 2022
Lecturers:  
Drs. S. Schwander & Vince Silenzio, RU SPH
Topic:  
Ethical Considerations in Global Public Health

CLASS 11. April 5, 2022  
Lecturer: Dr. Daniel Hoffman, SEBS  
Topic: *Global Food Supply - Nutrition - Energy balance (undernutrition, obesity)*  

Supportive literature  

CLASS 12. April 12, 2022  
Lecturer: Dr. Javier Escobar, RWJMS, Dean of Global Health, RWJMS  
Topic: *Global Mental Health*  

Supporting literature  

CLASS 13. April 19, 2022  
Lecturers: Virginia Allread MPH, Instructor, past Director FXB Center  
Edward Vallejo, MPH, CPH, Rutgers School of Public Health, Strategic Information Advisor, Office of the Global AIDS Coordinator (OGAC), President's Emergency Plan for AIDS Relief (PEPFAR) United States Department of State  
Topic: *HIV as an exemplar of Global Cooperation in International Public Health*  

Supporting literature  

CLASS 14. April 26, 2022  
FINAL EXAM  
*Working Group Presentations I*

CLASS 15. May 3, 2022  
*Working Group Presentations II*
ASSIGNMENT STANDARDS

**Lateness.** Assignments turned in after the official collection period are considered late. Unless the instructor and student come to an arrangement at least one week before class, there is a 2-point penalty for written work (weekly assignments, group work) turned in late. Assignments are posted to Canvas by the due date. If you need to turn in something after the date due, please discuss it with the instructor to avoid point penalty.

**Grammar/Spelling.** If more than eight (8) gross punctuation, grammar or spelling errors occur in the written assignments, they will be returned with no grade. These can be resubmitted within one week with a 35% penalty (prior to the grading of the content) or the student can accept a failing grade.

**Citations.** Preferred citation style for references in written assignments will be American Psychological Association (APA). Please use this APA citation style for electronic references.

**Margins and Page Limits Requirements.** Refer to each assignment instructions for margins and page limit requirements. A deduction of 10% will occur if assignment over the maximum page limit. Instructions will be provided with assignments.

**Extra Credit (if offered).** Extra credit opportunities will be posted.

SCHOOL POLICIES

**Remote Learning Policies**
The following are class policies for our class sessions with Zoom. Please read carefully; these policies apply to the Spring 2022 semester. All students are expected to adhere to the policies.

**General:** Log into Zoom using your Rutgers NetID and sign-in with your full first name and last name as listed on the class roster. (If you use a different name than what is listed on the class roster, please email the instructor in advance of the class, or send a private Chat message.) Using your full name allows the instructor to know who is in attendance and to quickly sort students into their groups when needed. Users who do not log into Zoom using their Rutgers NetID may have trouble accessing the Zoom classroom.

**Video:** Please turn on your video when possible. We recognize that this isn’t always easy, but this will help to build our class community. Seeing the faces of your classmates more closely duplicates the typical in-person learning experience and may shift your mindset into more focus and attention. Seeing each other can also provide each of us with positive social interactions.
- If you're unable to find an environment without a lot of visual distractions or prefer to not show your living space as a background, feel free to use a virtual background (several virtual
background images created by the School of Public Health are available in the [SPH Student Connect Canvas page](https://sphteacher.rutgers.edu/).

- To save bandwidth, there may be times during class when the instructor asks students to turn off videos.
- Add a photo to your Zoom profile. (Then in times when videos are off, we’ll see photos of everyone rather than an empty box.)
- If you have limited internet bandwidth or other issues impacting your video use, please inform the instructor.

**Audio:** Mute your microphone when you are not talking. This helps eliminate background noise.
- Use a headset, if possible. If you own headphones with a microphone, please use them. This improves audio quality.
- Be in a quiet place, if possible. Turn off any music, videos, etc. in the background.

**Chat:** Stay on topic and be respectful. Use the chat window for questions and comments that are relevant to class.

**NOTE:** Class meetings on Zoom will be recorded and made available for students in the course on Canvas only.

**Special Circumstances During COVID-19 (For Spring 2022)**
The School of Public Health recognizes that students may experience challenges or be negatively impacted due to the COVID-19 pandemic, mental and emotional health toll from systemic racism, altered personal and professional obligations, and other crises existing now, in our local, national, and global communities. Students are encouraged to discuss these challenges and circumstances with their instructor, if they feel they may need additional support or temporary accommodations at the beginning or during this course. The course instructor may consider making reasonable temporary adjustments depending on the student’s situation. If additional support is needed, students may reach out to the Office of Student Affairs (studentaffairs@sph.rutgers.edu) or any of the appropriate referral resources listed on the [SPH Student Connect Canvas page](https://sphteacher.rutgers.edu/).

**Learning Management System:** Canvas will be used extensively throughout the semester for course syllabus, assignments, announcements, communication and/or other course-related activities. It is the student’s responsibility to familiarize themselves with Canvas and check it regularly. If you have difficulties accessing Canvas, please inform the instructor and Canvas Support (isthelp@rbhs.rutgers.edu). Canvas is accessible at canvas.rutgers.edu.

**School of Public Health Honor Code:** The School of Public Health Honor Code is found in the School Catalog ([sph.rutgers.edu/academics/catalog.html](https://sph.rutgers.edu/academics/catalog.html)). Each student bears a fundamental responsibility for maintaining academic integrity and intellectual honesty in his or her graduate work. For example, all students are expected to observe the generally accepted principles of scholarly work, to submit their own rather than another’s work, to refrain from falsifying data, and to refrain from receiving and/or giving aid on examinations or other assigned work requiring
independent effort. In submitting written material, the writer takes full responsibility for the work as a whole and implies that, except as properly noted by use of quotation marks, footnotes, etc., both the ideas and the works used are his or her own. In addition to maintaining personal academic integrity, each student is expected to contribute to the academic integrity of the School community by not facilitating inappropriate use of her/his own work by others and by reporting acts of academic dishonesty by others to an appropriate school authority. It should be clearly understood that plagiarism, cheating, or other forms of academic dishonesty will not be tolerated and can lead to sanctions up to and including separation from the Rutgers School of Public Health.

**Students with Disabilities:** Rutgers University welcomes students with disabilities into all of the University's educational programs. In order to receive consideration for reasonable accommodations, a student must apply for Services by first completing a Registration Form with the Rutgers Office of Disability Services (ODS) at ods.rutgers.edu. The student will also be required to participate in an ODS intake interview and provide documentation. If reasonable accommodations are granted, ODS will provide you with a Letter of Accommodations which should be shared with your instructors as early in your courses as possible.

**Commitment to Safe Learning Environment:** The Rutgers School of Public Health is committed to helping create a safe learning environment for all students and for the School as a whole. Free expression in an academic community is essential to the mission of providing the highest caliber of education possible. The School encourages civil discourse, reasoned thought, sustained discussion, and constructive engagement. Provocative ideas respectfully presented are an expected result. An enlightened academic community, however, connects freedom with responsibility. The School encourages all students to disclose any situations where you may feel unsafe, discriminated against, or harassed. Harassment or discrimination of any kind will be not tolerated, and violations may lead to disciplinary actions.

**Reporting Discrimination or Harassment:** If you experience any form of gender or sex-based discrimination or harassment, including sexual assault, sexual harassment, relationship violence, or stalking, know that help and support are available. You may report such incidents to the RBHS Title IX Office or to the School of Public Health’s Office of Student Affairs. Rutgers University has staff members trained to support survivors in navigating campus life, accessing health and counseling services, providing academic and housing accommodations, and more. If you experience any other form of discrimination or harassment, including racial, ethnic, religious, political, or academic, please report any such incidents to the School’s Office of Student Affairs. The School strongly encourages all students to report any incidents of discrimination or harassment to the School. Please be aware that all Rutgers employees (other than those designated as confidential resources such as advocates, counselors, clergy and healthcare providers as listed in Appendix A to Policy 10.3.12) are required to report information about such discrimination and harassment to the School and potentially the University. For example, if you tell a faculty or staff member about a situation of sexual harassment or sexual violence, or other related misconduct, the faculty or staff member must share that information with the RBHS Title IX Coordinator. If you wish to speak to a confidential employee who does not have this reporting responsibility, you can find a list of resources in Appendix A to University Policy 10.3.12. For more
information about your options at Rutgers, please visit Rutgers Violence Prevention and Victim Assistance.

Graduate Student Computer Policy: Students are required to possess a personal laptop, no older than approximately two years, that must meet minimum requirements which may be found online at: sph.rutgers.edu/student-life/computer-support.html

Policy Concerning Use of Recording Devices and Other Electronic Communications Systems: When personally owned communication/recording devices are used by students to record lectures and/or classroom lessons, such use must be authorized by the faculty member or instructor who must give either oral or written permission prior to the start of the semester and identify restrictions, if any, on the use of mobile communications or recording devices.

Policy Concerning Use of Turnitin: Students agree that by taking this course all required papers may be subject to submission for textual similarity review to Turnitin.com (directly or via learning management system, i.e., Canvas) for the detection of plagiarism. All submitted papers will be included as source documents in the Turnitin.com reference database solely for the purpose of detecting plagiarism of such papers. Use of the Turnitin.com service is subject to the Usage Policy posted on the Turnitin.com site. Students who do not agree should contact the course instructor immediately.

Withdrawal/Refund Schedule: Students who stop attending their course(s) without submitting a completed Add/Drop Course form will receive a failing grade. Furthermore, students dropping to zero credits for the semester are considered withdrawn and must submit a completed Leave of Absence form from the School of Public Health’s Office of Student Affairs. The School of Public Health refunds tuition only. Administrative and technology fees are non-refundable. You may find the Withdrawal/Refund Schedule on the School of Public Health website at: sph.rutgers.edu/academics/academic-calendar.html