

**Syllabus: Module 235 Major A: « Humanitarian health in crisis situations »**

<b>Module 235</b>	<b>Humanitarian health in crisis situations – December 14<sup>th</sup> to 18<sup>th</sup>, 2020</b>
<b>Coordinator</b>	<p>Bill Gentry, MPA</p> <p>Executive Masters Program Director</p> <p>University of North Carolina – Chapel Hill</p> <p>wgentry@unc.edu</p>
<b>Dates</b>	From 14 <sup>th</sup> to 18 <sup>th</sup> December, 2020
<b>Credits/ECTS</b>	3 ECTS
<b>Duration</b>	5 days of 6 hours
<b>Prerequisites</b>	This module directly concerns future implementers and decision-makers who will take part in the humanitarian response and preparedness efforts and aim to master the most frequently encountered situations on site.
<b>ZOOM Class Room Link</b>	<p>Join Zoom Meeting</p> <p><a href="https://uncsph.zoom.us/j/92955673124">https://uncsph.zoom.us/j/92955673124</a></p> <p>Meeting ID: 929 5567 3124</p> <p>One tap mobile</p> <p>+13126266799,,92955673124# US (Chicago)</p> <p>+16465588656,,92955673124# US (New York)</p> <p>Dial by your location</p> <ul style="list-style-type: none"> <li>+1 312 626 6799 US (Chicago)</li> <li>+1 646 558 8656 US (New York)</li> <li>+1 301 715 8592 US (Washington D.C)</li> <li>+1 346 248 7799 US (Houston)</li> <li>+1 669 900 6833 US (San Jose)</li> <li>+1 253 215 8782 US (Tacoma)</li> </ul> <p>Meeting ID: 929 5567 3124</p> <p>Find your local number: <a href="https://uncsph.zoom.us/j/92955673124">https://uncsph.zoom.us/j/92955673124</a></p> <p>Join by SIP</p> <p><a href="mailto:92955673124@zoomcrc.com">92955673124@zoomcrc.com</a></p> <p>Join by H.323</p> <ul style="list-style-type: none"> <li>162.255.37.11 (US West)</li> <li>162.255.36.11 (US East)</li> <li>115.114.131.7 (India Mumbai)</li> <li>115.114.115.7 (India Hyderabad)</li> <li>213.19.144.110 (Amsterdam Netherlands)</li> <li>213.244.140.110 (Germany)</li> <li>103.122.166.55 (Australia)</li> <li>149.137.40.110 (Singapore)</li> <li>64.211.144.160 (Brazil)</li> <li>69.174.57.160 (Canada)</li> <li>207.226.132.110 (Japan)</li> </ul> <p>Meeting ID: 929 5567 3124</p>

<b>Course learning objectives</b>	<p>The course is an introduction to humanitarian health in crisis situations for students willing in the future to :</p> <ul style="list-style-type: none"> <li>• Explore and understand major trends, planning efforts and dilemmas of global humanitarian public health action in crisis situations;</li> <li>• Understand the complexities of a humanitarian health emergency and crisis situation: international conflicts, civil wars, natural disasters, technological disasters...;</li> <li>• Design humanitarian health actions that respond to assessed population health needs;</li> <li>• Develop a critical understanding of field practices and impact of humanitarian action in crisis situations;</li> </ul>
<b>Contents</b>	<ul style="list-style-type: none"> <li>• Evaluation of health needs in crisis situations;</li> <li>• Prioritizing humanitarian health problems identified on site in complex contexts (infectious risks in bringing together a population, influx of injured or sick people, supply of food and drinking water...);</li> <li>• Use of preparedness planning tools and health indicators to evaluate and adapt humanitarian operational plans;</li> </ul>
<b>UE Structure</b>  <b>(details of sessions title/speaker/duration)</b>	<p><b>Details of the sessions (Morning Sessions Will Be <u>Asynchronous</u>, Afternoon Sessions Will Be In <u>ZOOM Class Room</u>)</b></p> <ol style="list-style-type: none"> <li>1. Introduction of the module. Overview of public health in crisis: Actors and global major trends, Public Health / Hospital Preparedness, SBAR Tool, Final Presentation Overview, 6 hours, Bill Gentry, MPA.</li> <li>2. Hazard Vulnerability Analysis, CDC/WHO Overview, 1918 Pandemic Case Study, 3 hours, Bill Gentry, MPA</li> <li>3. Crisis Conflict Management – Middle East Region, 3 hours, Doctor Dilshad Jaff, Program Coordinator for Solutions to Complex Emergencies, UNC – Chapel Hill</li> <li>4. Working with local partners and local health authorities in crisis - Haiti, 6 hours, Doctor Elizabeth Greig, Medical Director, University of Miami.</li> <li>5. Overview of MSF, Evaluation of an MSF intervention in Africa, 6 hours, Anna Freema, BSN, MPH, Doctors Without Borders (MSF)</li> <li>6. COVID-19 Review, Team presentation work, Team final presentations, Module Evaluation, 6 hours, Bill Gentry, MPA</li> </ol>
<b>Course requirement</b>	<p>Read and analyse selected papers for the group work before the courses</p> <p>Personal website reading</p> <p>Team collaboration and final presentation</p>
<b>Grading and assessment</b>	<p>30% participation during the all module / 30% on SBAR completion / 40% on final Team presentation</p> <p>Validation criteria :</p> <ul style="list-style-type: none"> <li>• General participation to the all module;</li> <li>• Quality of oral presentation, ability of work in group;</li> <li>• Ability of analysis and quality of restitution in a format and a duration given;</li> <li>• Quality of discussion and analysis;</li> <li>• Ability to formulate conclusions or recommendations, ability to make suggestions;</li> </ul>
<b>Location</b>	<p>Reid Hall (Paris) / Zoom Classroom</p>
<b>Readings</b>	<p><a href="http://reliefweb.int/sites/reliefweb.int/files/resources/map_1430.pdf">-http://reliefweb.int/sites/reliefweb.int/files/resources/map_1430.pdf</a></p> <p>-<i>The state of humanitarian enterprise</i>; Tufts,  <a href="https://wikis.uit.tufts.edu/confluence/display/FIC/Humanitarian+Agenda+2015+--+The+State+of+the+Humanitarian+Enterprise">https://wikis.uit.tufts.edu/confluence/display/FIC/Humanitarian+Agenda+2015+--+The+State+of+the+Humanitarian+Enterprise</a></p>

	<p>10 Threats to Global Health in 2018; WHO  <a href="https://medium.com/@who/10-threats-to-global-health-in-2018-232daf0bbef3">https://medium.com/@who/10-threats-to-global-health-in-2018-232daf0bbef3</a></p>
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<b>Session 1</b>	<b>Humanitarian Health in Crisis Situations</b>
Session Title	<p><b>Morning - ASYNCHRONOUS</b>  Overview of public health in crisis: Actors and global major trends  Public Health / Hospital Preparedness Expectations</p> <p><b>Afternoon - ZOOM Class Room</b>  Introduction of the module  SBAR Tool, Final Team Presentation Review  SBAR Work Time</p>
Speaker	<p>Bill Gentry, MPA  wgentry@unc.edu</p> <p>Support documents :</p> <ul style="list-style-type: none"> <li>- Power point (1) : Intro / Public Health Crisis / Global Trends and Players</li> <li>- Power point (2) : Preparedness Expectations / SBAR Tool / Team Presentations</li> </ul>
Session outline	<ul style="list-style-type: none"> <li>- <u>Morning: 9.00 – 12.00 Powerpoints found in MONDAY Folder</u>  -Lecture about <i>disaster and public health crisis : major trends for the future</i>,  -Public Health / Hospital Preparedness</li> <li>- <u>Afternoon: 13.00 – 16.00 ZOOM Class Room</u>  -Introduction of the module: objectives, organisation, methodology, crosscutting themes of the module, SBAR Review, Team Presentation Overview  -Lecture and team orientation</li> <li>- Team Introductions</li> </ul>
Learning Objectives	<ul style="list-style-type: none"> <li>• Explore and understand major trends, planning efforts and dilemmas of global humanitarian public health action in crisis situations;</li> <li>• Understand the complexities of a humanitarian health emergency and crisis situation: international conflicts, civil wars, natural disasters, technological disasters</li> </ul>
Reading	<p><u>For general background information</u></p> <p>Top 11 Deadliest Natural Disasters in History – Live Science  <a href="https://www.livescience.com/33316-top-10-deadliest-natural-disasters.html">https://www.livescience.com/33316-top-10-deadliest-natural-disasters.html</a></p> <p>Natural Disasters, Conflict, and Human Rights  <a href="https://www.brookings.edu/on-the-record/natural-disasters-conflict-and-human-rights-tracing-the-connections/">https://www.brookings.edu/on-the-record/natural-disasters-conflict-and-human-rights-tracing-the-connections/</a></p>

	<p>Hospital Preparedness for Emergency Response : US  <a href="https://www.cdc.gov/nchs/data/nhsr/nhsr037.pdf">https://www.cdc.gov/nchs/data/nhsr/nhsr037.pdf</a></p> <p>Hospital Preparedness Using WHO Guideline : International  <a href="http://journals.sagepub.com/doi/full/10.1177/1024907918760123">http://journals.sagepub.com/doi/full/10.1177/1024907918760123</a></p> <p>SBAR Communication Tool  <a href="https://improvement.nhs.uk/documents/2162/sbar-communication-tool.pdf">https://improvement.nhs.uk/documents/2162/sbar-communication-tool.pdf</a></p>
Duration	6 Hours
Dates	14 <sup>th</sup> December 2020, 9.00 – 12.00 and 13.00 – 16.00
Training methods	<p>Asynchronous Video</p> <p>Course / Lecture, Discussion</p> <p>Group work and team orientation</p>

<b><u>Session 2</u></b>	<b>Humanitarian Health in Crisis Situations</b>
<i>Session Title</i>	<p><b>Morning – ASYNCHRONOUS</b></p> <p>Crisis Conflict Management – Middle East Refugee Crisis Syria / Iraq,  Hazard Vulnerability Analysis, SBAR Work Time</p> <p><b>Afternoon - ZOOM Class Room</b></p> <p>CDC/WHO Overview,</p> <p>1918 Pandemic – COVID-19 Comparison,  SBAR Work Time</p>
Speaker	<p>Bill Gentry, MPA  <a href="mailto:wgentry@unc.edu">wgentry@unc.edu</a></p> <p>Support documents:</p> <ul style="list-style-type: none"> <li>- Power point (1): Hazard Vulnerability Assessment</li> <li>- Power Point (2): CDC/WHO Overview</li> <li>- Case study: 1918 Flu</li> </ul>
Session outline	<ul style="list-style-type: none"> <li>- <u>Morning: 9.00 – 12.00 Powerpoints found in TUESDAY Folder</u>  -Lecture: Crisis Conflict Management – Middle East  -Lecture about CDC/WHO  -1918 Flu Case Study</li> <li>- <u>Afternoon: 13.00 – 16.00 ZOOM Class Room</u>  -Lecture about CDC/WHO  -1918 Flu – COVID-19 Comparison  SBAR Work Time</li> </ul>

Learning Objectives	<ul style="list-style-type: none"> <li>• Explore and understand major trends, planning efforts and dilemmas of global humanitarian public health action in crisis situations;</li> <li>• Understand the complexities of a humanitarian health emergency and crisis situation: international conflicts, civil wars, natural disasters, technological disasters</li> <li>• Understand the complexities of a humanitarian health emergency and crisis situation: international conflicts, civil wars, natural disasters, technological disasters...;</li> <li>• Design humanitarian health actions that respond to assessed population health needs;</li> <li>• Develop a critical understanding of field practices and impact of humanitarian action in crisis situations;</li> </ul>
Reading	<p>Reducing Hazard Vulnerability  <a href="https://onlinelibrary.wiley.com/doi/epdf/10.1111/j.1467-9523.2006.00305.x">https://onlinelibrary.wiley.com/doi/epdf/10.1111/j.1467-9523.2006.00305.x</a></p> <p>Hazard Vulnerability Tool  <a href="https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=10&amp;ved=2ahUKEwjZkOnChlneAhVpg-AKH5boDBkQFjAJegQIBhAC&amp;url=https%3A%2F%2Fwww.ahcancal.org%2Ffacility_operations%2Fdisaster_planning%2FDocuments%2FCopy%2520of%2520Your%2520Facility%2527s%2520Hazard%2520%2520Vulnerability.xlsx&amp;usq=AOvVaw3Sj5OIJYfKzvHaPHOh1REd">https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=10&amp;ved=2ahUKEwjZkOnChlneAhVpg-AKH5boDBkQFjAJegQIBhAC&amp;url=https%3A%2F%2Fwww.ahcancal.org%2Ffacility_operations%2Fdisaster_planning%2FDocuments%2FCopy%2520of%2520Your%2520Facility%2527s%2520Hazard%2520%2520Vulnerability.xlsx&amp;usq=AOvVaw3Sj5OIJYfKzvHaPHOh1REd</a></p> <p>CDC Natural Disasters  <a href="https://www.cdc.gov/disasters/index.html">https://www.cdc.gov/disasters/index.html</a></p> <p>CDC Caring for Children in a Disaster  <a href="https://www.cdc.gov/childrenindisasters/">https://www.cdc.gov/childrenindisasters/</a></p> <p>WHO Emergencies  <a href="http://www.who.int/emergencies/diseases/news/en">http://www.who.int/emergencies/diseases/news/en</a></p> <p>WHO Myths and realities in disaster situations  <a href="http://www.who.int/hac/techguidance/ems/myths/en/">http://www.who.int/hac/techguidance/ems/myths/en/</a></p> <p>1918 Flu  <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3291398/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3291398/</a></p> <p>Targeting health care in armed conflicts and emergencies: is it underestimated? (PDF)</p> <p>The role of palliative care in addressing the health needs of Syrian refugees in Jordan (PDF)</p> <p>Child health in complex emergencies (PDF)</p> <p>UNHCR Global Trends – Forced Displacement in 2017  <a href="http://www.unhcr.org/globaltrends2017/">http://www.unhcr.org/globaltrends2017/</a></p>
Duration	6 Hours
Dates	15 <sup>th</sup> December 2020 9.00 – 12.00 and 13.00 – 16.00
Training methods	<p>Asynchronous Video</p> <p>Course / Lecture, Discussion</p> <p>Group Work and students presentation</p>

<b>Session 3</b>	<b>Humanitarian Health in Crisis Situations</b>
Session Title	<p><b>Morning – ASYNCHRONOUS</b></p> <p><b>INDIVIDUAL SBAR DUE</b>, Overview of MSF SBAR Team Presentation Time</p> <p><b>Afternoon - ZOOM Class Room</b></p> <p>Evaluation of an MSF intervention in Africa, SBAR Team Work Time</p>
Speaker	<p>Anna Freeman, MPH, BSN, Doctors Without Borders (MSF)</p> <p><a href="mailto:annakatefreeman@gmail.com">annakatefreeman@gmail.com</a></p> <p>Support documents:</p> <ul style="list-style-type: none"> <li>- Power point (1): MSF Overview and Crisis Response</li> </ul>
Session outline	<ul style="list-style-type: none"> <li>- <u>Morning: 9.00 – 12.00 Powerpoints found in WEDNESDAY Folder</u></li> <li>-</li> <li>-Lecture: MSF Overview and Response in Africa</li> <li>-Case Study Introduction</li> <li>- <u>Afternoon: 13.00 – 16.00 ZOOM Class Room</u></li> <li>-Team Discussion</li> <li>- Case Study</li> </ul>
Learning Objectives	<ul style="list-style-type: none"> <li>• Design humanitarian health actions that respond to assessed population health needs;</li> <li>• Develop a critical understanding of field practices and impact of humanitarian action in crisis situations;</li> </ul>
Reading	<p>Medecins Sans Frontieres</p> <p><a href="https://www.msf.org/">https://www.msf.org/</a></p>
Duration	6 Hours
Dates	16 <sup>th</sup> December 2020 9.00 – 12.00 and 13.00 – 16.00

Training methods	Asynchronous Video Course / Lecture, Discussion Group work and team presentations
<b>Session 4</b>	<b>Humanitarian Health in Crisis Situations</b>
Session Title	<b>Morning – ASYNCHRONOUS</b> Haiti Background, Earthquake and NGO Support Working with local partners and local health authorities in crisis – Haiti <b>Afternoon - ZOOM Class Room</b> Evaluation of Dominican Case Study, SBAR Team Work Time
Speaker	Elizabeth Greig, MD, MPH <a href="mailto:e.greig@med.miami.edu">e.greig@med.miami.edu</a> Support documents: - Power point (1): Local Partner Interaction in Haiti
Session outline	- Morning: 9.00 – 12.00 Powerpoints found in THURSDAY Folder -Lecture: Crisis Conflict Management and Local Partners: Haiti -Team Discussion - Afternoon: 13.00 – 16.00 ZOOM Class Room -Dominican Case Study Discussion - Team SBAR Work Time
Learning Objectives	<ul style="list-style-type: none"> <li>• Design humanitarian health actions that respond to assessed population health needs;</li> <li>• Develop a critical understanding of field practices and impact of humanitarian action in crisis situations;</li> </ul>
Reading	Here are the real lessons from flawed responses to Haiti's disasters <a href="https://www.pri.org/stories/2017-01-12/here-are-real-lessons-flawed-responses-haitis-disasters">https://www.pri.org/stories/2017-01-12/here-are-real-lessons-flawed-responses-haitis-disasters</a>  Analysis of the International and US Response to the Haiti Earthquake: Recommendations for Change <a href="https://www.researchgate.net/publication/232281517_Analysis_of_the_International_and_US_Response_to_the_Haiti_Earthquake_Recommendations_for_Change">https://www.researchgate.net/publication/232281517_Analysis_of_the_International_and_US_Response_to_the_Haiti_Earthquake_Recommendations_for_Change</a>  Responding to cholera in Haiti: <a href="https://academic.oup.com/jid/article/218/suppl_3/S167/5103913">https://academic.oup.com/jid/article/218/suppl_3/S167/5103913</a>

Duration	6 hours
Dates	17 <sup>th</sup> December, 2020, 9.00 – 12.00 and 13.00 – 16.00
Training methods	Asynchronous Video Course / Lecture, Discussion Group work and team presentations

<b><u>Session 5</u></b>	<b>Humanitarian Health in Crisis Situations</b>
Session Title	<p style="text-align: center;"><b>Morning – ASYNCHRONOUS</b></p> <p style="text-align: center;">COVID-19 Crisis Review</p> <p style="text-align: center;">SBAR Team Presentation Work Time</p> <p style="text-align: center;"><b>Afternoon - ZOOM Class Room</b></p> <p style="text-align: center;">Team Final Presentations</p> <p style="text-align: center;">Module Evaluation</p>
Speakers	<p>Bill Gentry, MPA</p> <p>Support documents:</p> <ul style="list-style-type: none"> <li>- Power point Ebola Crisis in Review</li> </ul>
Session outline	<ul style="list-style-type: none"> <li>- Morning: 9.00 – 12.00 Powerpoints found in FRIDAY Folder</li> <li>-Lecture: COVID-19 Crisis Review</li> <li>-Team Presentation Work</li> <li>- <u>Afternoon: 13.00 – 16.00 ZOOM Class Room</u></li> <li>-Team Presentations</li> <li>-Module Evaluation</li> </ul>
Learning Objectives	<ul style="list-style-type: none"> <li>• Understand the complexities of a humanitarian health emergency and crisis situation: international conflicts, civil wars, natural disasters, technological disasters...;</li> <li>• Design humanitarian health actions that respond to assessed population health needs;</li> </ul>
Reading	<p>Review: WHO COVID-19 Website  <a href="https://www.who.int/emergencies/diseases/novel-coronavirus-2019">https://www.who.int/emergencies/diseases/novel-coronavirus-2019</a></p> <p>Review: CDC COVID-19 Website  <a href="https://www.cdc.gov/coronavirus/2019-ncov/index.html">https://www.cdc.gov/coronavirus/2019-ncov/index.html</a></p>



	<p>John Hopkins COVID-19 Dashboard  <a href="https://gisanddata.maps.arcgis.com/apps/opsdashboard/index.html#/bda7594740fd40299423467b48e9ecf6">https://gisanddata.maps.arcgis.com/apps/opsdashboard/index.html#/bda7594740fd40299423467b48e9ecf6</a></p> <p>Herd Immunity  <a href="https://www.sciencefocus.com/news/coronavirus-can-herd-immunity-protect-us-from-covid-19/">https://www.sciencefocus.com/news/coronavirus-can-herd-immunity-protect-us-from-covid-19/</a></p>
Duration	6 Hours
Dates	18 <sup>th</sup> December 2020 9.00 – 12.00 and 13.00 – 16.00
Training methods	<p>Asynchronous Video</p> <p>Course / Lecture, Discussion</p> <p>Group work and student final presentations</p>