



EMORY

ROLLINS
SCHOOL OF
PUBLIC
HEALTH

Center for
Humanitarian Emergencies

CHE Certificate Handbook

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Introduction

Center for Humanitarian Emergencies

Emory University's Center for Humanitarian Emergencies is committed to building the global capacity of trained and skilled emergency responders. As part of our ongoing programming, CHE offers training to a diverse audience base and in increasingly diverse platforms.

Mission Statement

Driving global collaboration, research and evidence-based training to improve the lives and well-being of populations impacted by humanitarian emergencies.

Who We Are

The Center for Humanitarian Emergencies at Emory is a collaboration between faculty and staff, students, fellows, and alumni to build global response capacity. As experienced humanitarian emergency response trainers, researchers and program implementers, Faculty and Staff guide students toward effective careers in the humanitarian field.

Students explore emergency-related topics of infectious disease, nutrition, reproductive health, mental health, WASH (Water, Sanitation, and Hygiene), and many other technical areas.

Mission of the CHE Certificate

The Rollins School of Public Health in partnership with CDC's Emergency Response and Recovery Branch offers a Graduate Certificate in Humanitarian Emergencies. The certificate combines the teaching and research strength of Emory University with the applied technical skills of the CDC's Emergency Response and Recovery Branch (ERRB). The Certificate Program is available to qualified Rollins students and to other Emory graduate health schools on a case-by-case basis.

Purpose

The Certificate in Humanitarian Emergencies at the Rollins School of Public Health (RSPH) aims to train graduate students to be competitive for CHE-related careers. A humanitarian emergency occurs when there is a breakdown of authority due to internal or external conflict and there is an emergency situation exceeding the ability of the country's government to respond that requires an international response beyond the capacity of any single agency and/or the UN country program.

Working in a humanitarian emergency is challenging and requires a broad knowledge base and a skill set particular to crisis management including:

- Doing no harm
- Providing good evidence to inform decision makers

- Ability to work in challenging environments and resource-poor settings while being able to develop solutions quickly, efficiently, and effectively

Certificate Requirements

Any RSPH student who fulfills the following criteria will be awarded a CHE certificate:

- Two core classes in humanitarian emergency response
- Three credit hours in approved advanced methods
- Six credit hours in approved electives
- Applied Practice Experience
- Thesis/ Culminating Experience / Capstone
- Fifteen hours of volunteer participation

Please consult the tracking sheet (Appendix A) to keep track of fulfillment of the criteria.

Coursework

Students should review the detailed description of course offerings (core classes, approved advanced methods, and approved electives) in Appendix B. The courses listed are subject to change and may not be offered every year. Students should always consult OPUS for the latest information on availability of courses in advance of registration. *Please note, all courses must be taken for credit and cannot count towards the certificate, as either an elective or advanced method, if they are required for either a student's degree or concentration.*

Core Classes

There are two core courses in the CHE curriculum:

GH 565 (2 credits) required

Health in Complex Humanitarian Emergencies.

*5-day class January break, year one

GH 557 (2 credits) required

Epidemiologic Methods in Complex Humanitarian Emergencies.

*5-day class spring break, offered every other year

Next offering spring 2025, must be taken in semester offered

Advanced Methods Requirement

Students must complete a minimum of three credit hours from the following courses:

** Note: Students in EPI/GLEPI/EH EPI programs may waive advanced methods requirement (and replace with 3 additional credits of approved electives)*

*through demonstrating mastery of the epidemiologic competencies listed below. Please speak with program coordinator for additional information on documentation of this waiver.**

| Course Number | Course Title | Credit Hours |
|----------------------|--|---------------------|
| BSHES 542 | Socio-Behavioral Measurement | 3 |
| BIOS 501 | Statistical Methods II | 4 |
| BIOS 530 | Applied and Advanced Statistics in Observational Studies | 2 |
| BIOS 550 | Sampling Applications | 2 |
| EH 524 | Risk Assessment | 2 |
| EH 530 | Environmental and Occupational Epidemiology | 2 |
| EHS 747/EPI 747 | Advanced Environmental Epidemiology | 2 |
| EPI 536 | Applied Data Analysis | 2 |
| EPI 565 | Data Sources and Methods of MCH EPI | 2 |
| GH 502 | Introduction to Quantitative Data Collection | 2 |
| GH 531 | Quantitative Data Collection | 3 |
| GH 509 | Translation and Implementation Science | 2 |
| GH 570 | Community-based Participatory Action Research | 3 |
| GH 517/ EPI 517 | Case Studies in Infectious Disease Epidemiology | 2 |
| GH 589 | Program Management | 3 |
| GH 521 | Qualitative Research Methods for Global Health | 3 |
| GH 532 | Quantitative Data Analysis | 3 |
| GH 522 | Qualitative Data Analysis | 3 |

| | | |
|--------|--|---|
| GH 543 | Fundamentals of Qualitative Data Analysis | 2 |
| GH 512 | Monitoring and Evaluation of Global Public Health Programs | 3 |
| GH 569 | Population Dynamics, International Development and Health | 2 |

Electives

Students are required to complete 6 credit hours of approved elective courses. All courses must be taken for a grade. As a reminder, a course cannot count towards certificate elective requirement if required for your degree/concentration.

Currently offered elective CHE courses include:

| | | |
|---------------|--|---|
| GH 531 | Mental Health in Complex Humanitarian Emergencies | 1 |
| GH 532 | Risk Communications for Complex Humanitarian Emergencies | 1 |
| GH 533 | Preparedness and Planning Complex Humanitarian for Emergencies | 1 |
| GH 537 | Programming for Sexual and Reproductive Health in Complex Humanitarian Emergencies | 1 |
| GH 538 | Food and Nutrition in Complex Humanitarian Emergencies | 1 |

Additional Approved Elective Courses:

| Course Number | Course Title | Credit Hours |
|----------------------|--|---------------------|
| BSHES 565 | Violence as a Public Health Problem | 2 |
| BSHES 567 | LGBTQ Public Health | 2 |
| EH 543 | Sustainability | 1 |
| EH 548 | Research Methods for Studies of Water and Health | 3 |
| EH 581 | Public Health Consequences of Disasters | 2 |

| | | |
|------------------|---|---|
| EH 583/ ENVS 483 | Spatial Analysis in Disease Ecology | 4 |
| EH 587 | Introduction to Satellite Remote Sensing and the Environment and its Application to Public Health | 3 |
| EHS 750 | Environmental Determinants of Infectious Disease | 3 |
| EPI 515 | Introduction to Public Health Surveillance | 3 |
| EPI 517 | Case Studies in Infectious Disease | 2 |
| EPI 531 | Field Epidemiology | 2 |
| EPI 544 | Epidemiology of Foodborne and Diarrheal Diseases | 1 |
| EPI 546 | HIV Epidemiology | 2 |
| EPI 558 | Global Issues in Antimicrobial Resistance | 2 |
| EPI 562 | Emerging Infectious Diseases | 2 |
| EPI 564 | Public Health Preparedness and Practice | 2 |
| EPI 566 | Immunization Programs and Policies | 2 |
| GH 504 | Effective Oral Communication | 2 |
| GH 507 | Health as Social Justice | 2 |
| GH 564 | International Infectious Diseases | 2 |
| GH 514 | Communicating for Healthy Behavior and Social Change | 2 |
| GH 515 | Transforming Public Health Surveillance | 3 |
| GH 516 | Global Perspectives in Parasitic Disease | 3 |
| GH 518 | Emerging Infectious Diseases | 2 |
| GH 519 | Faith and Health: Transforming Communities | 3 |

| | | |
|--------|---|---|
| GH 529 | Water and Sanitation in Developing Countries | 2 |
| GH 577 | The GEMMA Seminar: The Global Elimination of Maternal Mortality from Abortion | 2 |
| GH 534 | Diabetes: A Model for Global Non-communicable disease prevention and control | 2 |
| GH 535 | Field Epidemiology | 2 |
| GH 536 | Religion and Health in Context: HIV | 3 |
| GH 541 | Technology of Fertility Control | 2 |
| GH 546 | Maternal and Child Nutrition | 3 |
| GH 552 | Global Elimination of Micronutrient Malnutrition(MNM) | 2 |
| GH 556 | Foundational Ethical Challenges in Global Health | 3 |
| GH 558 | Global Issues in Antimicrobial Resistance | 2 |
| GH 559 | Gender and Global Health | 3 |
| GH 561 | Applications of Public Health Economics in Low and Moderate Income Countries | 3 |
| GH 562 | Epidemiology of Tuberculosis | 1 |
| GH 563 | AIDS: Global Health Implications | 2 |
| GH 566 | Immunization Programs and Policies | 2 |
| GH 568 | Community Engaged Food Security | 3 |
| GH 571 | Vaccines and Vaccine-Preventable Diseases | 2 |
| GH 574 | Malaria Prevention, Control, and Treatment | 2 |
| GH 580 | Environmental Health Microbiology: Control of | 2 |

| | | |
|---------|--|---|
| | Food and Waterborne Diseases | |
| GH 584 | Evidence-Based Decision Making with Principle Focus on Immunization, Infectious and Chronic Diseases | 3 |
| GH 588 | Religion and Health in Context: Sexual and Reproductive Health | 2 |
| HPM 534 | Grant Writing in Public Health | 2 |
| HPM 559 | Negotiations and Conflict Management in the Healthcare Setting | 3 |
| HPM 561 | Fundamentals of Public Health Law | 2 |

* Note: We are not currently accepting petitions for non-approved electives to be considered for inclusion towards certificate requirements, because the CHE curriculum committee team has recently conducted a rigorous review of all RSPH curriculum.

Applied Practice Experience and Thesis Requirements

Applied Practice Experience (APE)

The applied practice experience (APE) component is an experiential based (typically summer) employment with an implementing organization across various sectors and technical expertise. **All CHE APEs are approved by the CHE Program Coordinator on a case-by case basis.** CHE APEs may occur in non-acute (i.e. non-response) humanitarian settings which include: protracted emergencies and areas previously impacted by an emergency.

CHE students, much like the wider SPH student body, will never enter an active humanitarian response due to increased security risks, the deviation of resources and time and energy needed to manage a student, and that students lack preparation and training prior to certificate completion. However, many opportunities exist that meet both CHE and RSPH APE requirements. You can explore past APEs [here](#). As of 2019, CHE is using [GFE Financial Award](#) as a way to fund student APEs.

What makes for a CHE APE?

- Working with emergency affected communities
- The project benefits emergency effected communities
- The project is based in emergency effected area, current or historic

- Skill gained during the APE are transferrable and applicable to Complex Humanitarian settings

Please be advised that an ideal APE meets the CHE APE requirements AND the RSPH APE requirements. The requirements listed above are only for CHE APEs. For more details on RSPH requirements of APEs, please visit their [website](#).

Global Field Experience Financial Award

It may be possible to use a global field experience to fulfill the practicum requirement for the CHE certificate. Please see GFEFA website: <https://www.sph.emory.edu/rollins-life/community-engaged-learning/global-field-experience/index.html> for list of past practicum and email CHE coordinator with practicum idea to see if CHE applicable. Some CHE-related practicums are listed in Appendix C.

Thesis/Culminating Experience/Capstone

Students are required to complete a thesis or capstone which addresses a substantive topic in humanitarian emergencies. **All CHE theses are approved by the CHE Program Coordinator on a case-by-case basis.**

Note: With the permission of the certificate coordinator, students who complete a capstone rather than a thesis may take an additional 4 credit hours of approved electives to fulfill the thesis-requirement.

Volunteer Participation

Students are required to participate in 15 hours of CHE-related volunteer work. Volunteer opportunities are available in a number of local organizations; please refer to the CHE website for more information. In order to fulfill this requirement, students must send a letter from their volunteer opportunity supervisor verifying their volunteer hours to the CHE coordinator along with their tracking sheet. Please see Appendix D for sample letters.

Important People and Contact Information

Important People

- Jena Black, Director of Academic Affairs and Enrollment Operations, 404-727-8739 or jena.black@emory.edu
- Lee Wilkers, Assistant Program Coordinator, lee.wilkers@emory.edu
- Interim Certificate Contact, Dr. Dabney Evans, Certificate Director, devan01@emory.edu
- CHE Faculty and Staff profiles:
 - <http://che.emory.edu/who-we-are/faculty-staff/index.html>

| ADAP | Department | Phone Number | Location |
|---|--|--------------|-----------------|
| Zelda Ray | Executive MPH | 404-727-9489 | 2nd floor GCR |
| Noni Bourne (Students with last names beginning with A-L) | Epidemiology | 404-727-8729 | Rm. 3003 CNR |
| Farah Dharamshi (Students with last names beginning with M-Z) | | 404-727-4551 | Rm. 3002 CNR |
| Meghan Sullivan | Behavioral, Social, and Health Education Sciences | 404-727-3898 | Rm. 506 GCR |
| Rachel Corbett | | 404-727-9199 | |
| Melissa Sherrer | Biostatistics | 404-727-3968 | Rm. 316 GCR |
| Ariadne Swichtenberg | Environmental Health Global Environmental Health Environmental Health / Epidemiology (Joint Program) | 404-727-7905 | Rm. 2053 CNR |
| Flavia Traven (Students with last names beginning with A-J) | Global Health | 404-727-0263 | Rm. 7024 CNR |
| Theresa Nash (Students with last names beginning with K-Z) | | 404-727-5724 | Rm. 7026 CNR |
| Kathy Wollenzien | Health Policy and Management | 404-727-5701 | Rm. 608 GCR |

Important Websites

- CHE website: <http://che.emory.edu/>
- CHE Overview Webinar: <https://youtu.be/CHYR6bPn3io>
- RSPH calendar of events: <https://www.sph.emory.edu/about/calendar/>

Roles and Responsibilities of the CHE Certificate Coordinator

The CHE Certificate Coordinator advises on courses, practicums, and thesis/capstone-related questions, advocates for students, and connects students to resources. The CHE coordinator can also be part of your thesis committee, act as a mentor, and provide guidance on entering the humanitarian sector. Students asking non-CHE questions should contact their academic advisor.

Special CHE Events

- **CHE Certificate Overview**—A discussion and overview on CHE certificate requirements during Orientation week; the coordinator also holds virtual drop-in hours via Zoom.
- **France Atlanta Humanitarian Forum**- Annual humanitarian forum with topics that vary year to year. Highlights an under-recognized area of humanitarian work.
- **CHE coffee hours**—Professional development opportunity for CHE students to mix and mingle with professors and ERRB professionals where students are able to ask questions and gain professional advice. Temporarily suspended.
- **CHE Brown Bag Lunches**— Lectures and discussions on relevant emergency methods, theories, or experiences held throughout the year. Please see RSPH calendar of events.

Graduation Procedures:

- Mid-semester (**Before April 1**) of the semester in which a student anticipates graduation, they should compile the following documents and submit scanned or electronic copies to the CHE coordinator by email:
 - Copy of their unofficial transcript highlighting all the CHE Certificate coursework they have taken.
 - Completed tracking sheet (Appendix A)
 - APE information and site
 - Thesis title, committee members, and details
 - Supporting documentation of volunteer hours
- One to two months prior to graduation: The CHE Coordinator will send a database of the names of the CHE Certificate students who have met all the requirements and should be awarded the certificate to the registrar's office.

Appendix A: Tracking Sheet for CHE Certificate Requirements

Academic Year 2023-2024 (For use by incoming 2024 CHE cohort only)

| | | | | |
|--|---|-----------------|--------------------|---|
| Name: | | ID: | Department: | Anticipated Graduation Date: Spring 2024 |
| Permanent E-mail Address¹: | | | | |
| Preferred Phone Number: | | | | |
| Core Requirements (4 credits) | | Semester | Credits | Notes |
| GH 565 | Health in Complex Humanitarian Emergencies | Spring | 2 | |
| GH 557 | Epidemiological Methods in Complex Humanitarian Emergencies | Spring | 2 | |
| Elective CHE Courses (6 credits) | | Semester | Credits | Notes |
| GH 578 | Mental Health in Complex Humanitarian Emergencies | | 1 | |
| GH 581 | Risk Communications for Complex Humanitarian Emergencies | | 1 | |
| GH 587 | Preparedness and Planning for Complex Humanitarian Emergencies | | 1 | |
| GH 537 | Programming for Sexual and Reproductive Health in Complex Humanitarian Emergencies | | 1 | |
| GH 538 | Food and Nutrition in Complex Humanitarian Emergencies HIGHLY RECOMMENDED | | 1 | |
| <i>See Appendix 1 for approved Electives outside of CHE Certificate Courses –</i> NOTE: ALL COURSES MUST BE TAKEN FOR CREDIT & CANNOT COUNT AS CHE ELECTIVE OR ADVANCED METHOD IF REQUIRED FOR YOUR DEGREE/CONCENTRATION | | | | |
| Advanced Methods Requirement (minimum 1 course, 3 credit hours) <i>See appendix 2 for approved methods courses</i> | | Semester | Credits | |
| Additional methods credits (3+) can count as CHE elective credit | | | | |
| Applied Practice Experience – Please briefly describe and provide your APE deliverables by April 1 | | Semester | Advisor | Contact Info |

¹This information will be used for post-graduate communication regarding job opportunities

Appendix A: Tracking Sheet for CHE Certificate Requirements

Academic Year 2023-2024 (For use by incoming 2024 CHE cohort only)

| | | | |
|--|--|--|--|
| Thesis or Capstone- Please briefly describe and provide a copy of your thesis by April 1 | | | |
| Volunteer Hours- Please briefly describe and provide an email from volunteer site supervisor by April 1 | | | |

| Appendix 1: Additional Approved Elective Courses | | Semester | Credits | Notes | |
|---|--|-----------------|----------------|--------------|--|
| <i>*Reminder, course cannot count towards certificate elective requirement if required for your degree/concentration*</i> | | | | | |
| BSHES 565 | Violence as a Public Health Problem | | 2 | | |
| BSHES 567 | LGBTQ Public Health | | 2 | | |
| EH 543 | Sustainability | | 1 | | |
| EH 548 | Research Methods for Studies of Water and Health | | 3 | | |
| EH 581 | Public Health Consequences of Disasters | | 2 | | |

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Appendix A: Tracking Sheet for CHE Certificate Requirements

Academic Year 2023-2024 (For use by incoming 2024 CHE cohort only)

| | | | | | |
|-----------------|---|--|---|--|--|
| EH 583/ENVS 483 | Spatial Analysis in Disease Ecology | | 4 | | |
| EH 587 | Introduction to Satellite Remote Sensing and the Environment and its Application to Public Health | | 3 | | |
| EHS 750 | Environmental Determinants of Infectious Disease | | 3 | | |
| EPI 515 | Introduction to Public Health Surveillance | | 3 | | |
| EPI 517 | Case Studies in Infectious Disease | | 2 | | |
| EPI 531 | Field Epidemiology | | 2 | | |
| EPI 544 | Epidemiology of Foodborne and Diarrheal Diseases | | 1 | | |
| EPI 546 | HIV Epidemiology | | 2 | | |
| EPI 558 | Global Issues in Antimicrobial Resistance | | 2 | | |
| EPI 562 | Emerging Infectious Diseases | | 2 | | |
| EPI 564 | Public Health Preparedness and Practice | | 2 | | |
| EPI 566 | Immunization Programs and Policies | | 2 | | |
| GH 504 | Effective Oral Communication | | 2 | | |
| GH 507 | Health as Social Justice | | 2 | | |
| GH 564 | International Infectious Diseases | | 2 | | |
| GH 514 | Communicating for Healthy Behavior and Social Change | | 2 | | |
| GH 515 | Transforming Public Health Surveillance | | 3 | | |
| GH 516 | Global Perspectives in Parasitic Disease | | 3 | | |
| GH 518 | Emerging Infectious Diseases | | 2 | | |
| GH 519 | Faith and Health: Transforming Communities | | 3 | | |
| GH 529 | Water and Sanitation in Developing Countries | | 2 | | |
| GH 577 | The GEMMA Seminar: The Global Elimination of Maternal Mortality from Abortion | | 2 | | |
| GH 534 | Diabetes: A Model for Global Non-communicable disease prevention and control | | 2 | | |
| GH 535 | Field Epidemiology | | 2 | | |
| GH 536 | Religion and Health in Context: HIV | | 3 | | |

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Appendix A: Tracking Sheet for CHE Certificate Requirements

Academic Year 2023-2024 (For use by incoming 2024 CHE cohort only)

| | | | | | |
|---------|--|--|---|--|--|
| GH 541 | Technology of Fertility Control | | 2 | | |
| GH 546 | Maternal and Child Nutrition | | 3 | | |
| GH 552 | Global Elimination of Micronutrient Malnutrition(MNM) | | 2 | | |
| GH 556 | Foundational Ethical Challenges in Global Health | | 3 | | |
| GH 558 | Global Issues in Antimicrobial Resistance | | 2 | | |
| GH 559 | Gender and Global Health | | 3 | | |
| GH 561 | Applications of Public Health Economics in Low and Moderate Income Countries | | 3 | | |
| GH 562 | Epidemiology of Tuberculosis | | 1 | | |
| GH 563 | AIDS: Global Health Implications | | 2 | | |
| GH 566 | Immunization Programs and Policies | | 2 | | |
| GH 568 | Community Engaged Food Security | | 3 | | |
| GH 571 | Vaccines and Vaccine-Preventable Diseases | | 2 | | |
| GH 574 | Malaria Prevention, Control, and Treatment | | 2 | | |
| GH 580 | Environmental Health Microbiology: Control of Food and Waterborne Diseases | | 2 | | |
| GH 584 | Evidence-Based Decision Making with Principle Focus on Immunization, Infectious and Chronic Diseases | | 3 | | |
| GH 588 | Religion and Health in Context: Sexual and Reproductive Health | | 2 | | |
| HPM 534 | Grant Writing in Public Health | | 2 | | |
| HPM 559 | Negotiations and Conflict Management in the Healthcare Setting | | 3 | | |
| HPM 561 | Fundamentals of Public Health Law | | 2 | | |

| Appendix 2: Approved Methods Courses | | Semester | Credit | Notes |
|---|--|-----------------|---------------|--------------|
| <i>*Reminder, course cannot count towards certificate method requirement if required for your degree/concentration*</i> | | | | |
| BSHES 542 | Socio-Behavioral Measurement | | 3 | |
| BIOS 501 | Statistical Methods II | | 4 | |
| BIOS 530 | Applied and Advanced Statistics in Observational Studies | | 2 | |

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Appendix A: Tracking Sheet for CHE Certificate Requirements

Academic Year 2023-2024 (For use by incoming 2024 CHE cohort only)

| | | | | |
|-----------------|--|--|---|--|
| BIOS 550 | Sampling Applications | | 2 | |
| EH 524 | Risk Assessment | | 2 | |
| EH 530 | Environmental and Occupational Epidemiology | | 2 | |
| EHS 747/EPI 747 | Advanced Environmental Epidemiology | | 2 | |
| EPI 536 | Applied Data Analysis | | 2 | |
| EPI 565 | Data Sources and Methods of MCH EPI | | 2 | |
| GH 502 | Introduction to Quantitative Data Collection | | 2 | |
| GH 531 | Quantitative Data Collection | | 3 | |
| GH 509 | Translation and Implementation Science | | 2 | |
| GH 570 | Community- Based Participatory Action Research | | 3 | |
| GH 517/ EPI 517 | Case Studies in Infectious Disease Epidemiology | | 2 | |
| GH 589 | Program Management | | 3 | |
| GH 521 | Qualitative Research Methods for Global Health | | 3 | |
| GH 532 | Quantitative Data Analysis | | 3 | |
| GH 522 | Qualitative Data Analysis | | 3 | |
| GH 543 | Fundamentals of Qualitative Data Analysis | | 2 | |
| GH 512 | Monitoring and Evaluation of Global Public Health Programs | | 3 | |
| GH 569 | Population Dynamics, International Development and Health | | 2 | |

¹This information will be used for post-graduate communication regarding job opportunities

Appendix B: CHE Course Descriptions

Complex Humanitarian Emergencies Courses

Please note this is a sample and not all courses are offered every year.

GH 565 (2): Epidemiological Methods in Complex Humanitarian Emergencies

Spring. Prerequisites: EPI 530, BIOS 500, and GH 512. This course covers epidemiologic methods used in complex humanitarian emergencies such as rapid assessment, surveillance, survey design (with a focus on cluster surveys) and analysis. In addition, the class includes other topics such as outbreaks in emergencies as well as practical sessions on anthropometry and field laboratory methods. Teaching methods combine lectures and case studies of recent humanitarian emergencies. Five-day intensive held over January Break.

GH 557 (2): Health in Complex Humanitarian Emergencies

Spring. Prerequisites: BIOS 500 and EPI 530. The course covers the technical and management principles that are the basis of planning, implementing, and evaluating health programs for acutely displaced populations in developing countries. It emphasizes refugees in camp situations. It includes modules on assessment, nutrition, epidemiology of major health problems, surveillance, and program management in the context of an international relief operation. Five-day intensive held over Spring Break. Offered every other year, with next offering Spring 2025. Must be taken in semester offered.

GH 578 (1): Mental Health in Complex Humanitarian Emergencies

Spring. Prerequisite: GH 510 and GH 512. This course covers essential principles necessary to understand and address mental health issues in complex humanitarian emergencies. Using epidemiological and ethnographic approaches, the course highlights: mental health surveys, outcome evaluation methods, best practices and evidence-based interventions for beneficiary populations, and preparation and training for emergency responders and aid workers. Monday and Tuesday of Spring Break.

GH 581 (1): Risk Communications for Complex Humanitarian Emergencies

Fall. The objective of the course is to encourage and facilitate improved risk communication for public health emergencies among public health authorities and partner organizations through the building of risk communication core capacities as

part of the surveillance and response requirements of the International Health Regulations (IHR). Weekend during Fall semester.

GH 538 (1): Food and Nutrition in Complex Humanitarian Emergencies

Fall. Prerequisites: BIOS 500, EPI 530, and GH 512. Malnutrition during humanitarian emergencies, including acute malnutrition and micronutrient deficiencies, is very common. This course will discuss how organizations decide when, what type, and how much food to distribute during crisis. It also will address other programs that are used to prevent malnutrition, how organizations concerned with nutrition evaluate nutritional status in individuals and populations and the various types of feeding programs that are implemented in emergency situations. The course will include practical field exercises on nutrition as well as visits by guest practitioners from the field. Half semester course beginning in August.

Appendix C: Sample Applied Practice Experiences (APEs)

GFE (Global Field Experiences) are often used to fulfill the APE requirement. Past GFE's that are CHE-related include:

- **Brazil:** For six weeks during the summer of 2016, a CHE fellow worked closely with a professor at the University of São Paulo's School of Public Health to assess women's perceptions of Zika virus and how these perceptions affect their family planning, with particular emphasis on their plans to become pregnant and/or use contraceptives. She developed a qualitative interview guide and conducted 34 interviews with women ages 18-40 in Portuguese from high and low economic strata in São Paulo
- **DRC:** 2016 summer internship with IMA World Health in the Democratic Republic of Congo, a CHE fellow and his supervisor designed a training program for water quality testing, did the first round of trainings, distributed the water quality testing kits, and made suggestions as to how the program and training can improve for the next rounds. To reach these goals, they needed to adapt and create the training curriculum and course materials, train the trainer, and coordinate with IMA headquarters and those they would be training. In the end, they were able to hold three workshops, training a total of 72 people from 13 Zones de Santé and 3 Divisions Provinciales de la Santé. Topics covered included the Portable Microbiology Laboratory (PML) test method, sanitary inspections, microbiological parameters of water, and the Life straw filter.

More examples can be found at the GFE website:

<http://web1.sph.emory.edu/GlobalFieldExp/GFE-Web/index.php>

Appendix D: Sample Volunteer Hour Letters



Humanitarian Emergencies Research Team
Rollins School of Public Health
Emory University

February 14, 2017

To whom it may concern,

The Humanitarian Emergencies Research Team at Emory University is honored to provide this letter of verification for Moira Wood on completing 305 hours, volunteering their time in an effort to contribute to and improve the field of Humanitarian Research.

Moira Wood was an active member of our team from September 2015 to present and participated with the EOC Ebola Survivors Literature Review, Emergency Fact Sheets Project, ICT Literature Review, and served on the 2016 Executive Board.

Sincerely,

HERT 2017 Executive Board

Humanitarian Emergencies Research Team
Rollins School of Public Health
Emory University

Sponsored by:
The Center for Humanitarian Emergencies at Emory
CDC Emergency Response and Recovery Branch



March 9, 2017

To whom it may concern:

Kathleen Curtis has served with Lutheran Services of Georgia's Refugee and Immigration Services by volunteering as a First Friend Cultural Mentor for two different refugee families from November 2015 through May, 2016, and then again from January 2017 to the present. First Friend Cultural Mentors are matched with a newly arrived refugee family to walk alongside them during their first year in the United States and provide community orientation, practice in English conversation, tutoring for school-aged children in the family and friendship. We are grateful for Kathleen's volunteer service that plays an important role in the welcome and long-term integration of refugees in our community.

Sincerely,

Melanie Johnson

Program Manager for Volunteer, Congregation and Community Engagement
Refugee and Immigration Services

Lutheran Services of Georgia
100 Edgewood Avenue, Suite 1800, Atlanta, Georgia 30303-3066
www.lsga.org