

GLANHLTH 504 Multidisciplinary Approaches to Global Health Challenges – Fall 2014

Course Description

This is a graduate elective course offered by the Paul G. Allen School for Global Animal Health. It is designed to be part of the Global Animal Health Pathway and Professional Certificate program and is open to all graduate and professional students at WSU. The course is modeled on the Global Health Case Competition at Emory University.

Students will be recruited at the beginning of the semester and selected for course participation based on the disciplinary diversity desired to make up at least 4 balanced interdisciplinary teams of 5 members each. The case challenge scenario and supporting information will be presented to accepted students 1 week in advance. Students will be asked to come prepared to represent their discipline on a multidisciplinary team. The course will be conducted in an intensive fashion over 2 ½ days, over the weekend of **October 3-5, 2014**.

Course Schedule	
1-2 weeks prior to Course	Case topic and class rosters are sent out to students 2 weeks in advance. Team composition and case details are sent within 1 week of course.
Friday	<p>Students arrive at Todd Hall 276 between 5:30-6 pm to pick up your materials and sign in.</p> <p>Friday night light dinner and kick off Introduction Drs. Guy Palmer, Gretchen Kaufman (6-7 pm)</p> <p>Working session (7 -10 pm) : Teams meet and organize, develop team leadership, communication and workplan. Begin filling in Team portfolio. Reserved rooms available in Todd Hall until 10 pm.</p>
Saturday	<p>Saturday all day Research/Discovery/Presentation preparation Student Teams make specific arrangements how and where to meet (rooms in Todd Hall are reserved 9 am - 10 pm). Teams research case, determine objectives and work toward drafting of key points for report, action plan, and presentation.</p> <p>Saturday afternoon Advisor Consultation (4-5 pm, exact time may vary) 1 hour session scheduled for consultation with faculty subject matter expert/mentor.</p>
Sunday	<p>Sunday morning Synthesis (rooms in Todd Hall are reserved, 9am – 1 pm) Student teams work on synthesizing findings and developing final presentation. Optional advisor consultation.</p> <p>Team check in and presentation submission (flash drive) (outside Todd Hall 276, 12:30-1 pm).</p> <p>Sunday afternoon Team Presentations (Todd Hall 276, 2-4 pm) Student teams deliver powerpoint presentations in front of judges, advisors and other teams.</p> <p>Sunday late afternoon Award Reception (Todd Hall 276, 4-5 pm) Students receive feedback and first place honors and mingle with judges, advisors, and guests.</p>
First Place Team will be given the opportunity to compete in the Emory International Global Health Case Competition in Spring 2015.	

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Credit

1 course credit (16 contact hours) – this course is an approved elective option for the Professional Certificate in Global Animal Health.

Pre-requisites

There are no course pre-requisites. Students must be at the professional or graduate level.

Course Coordinators

Gretchen E. Kaufman, Assistant Director, Paul G. Allen School for Global Animal Health

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Contributing Instructors/Faculty

Additional faculty will serve as Subject Matter experts/Advisors and Judges.

Resources

There is no text book for this course. Resource information will be provided electronically prior to the start of the course. An Angel Course site will be used for additional resources and group work and reporting (<http://lms.wsu.edu/>).

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Course and Student Learning Goals

The main goal of this course is to stimulate multidisciplinary collaboration among graduate students at various departments and schools at WSU around an important global health problem that includes a significant animal health component. Students will develop competencies in the following areas:

Student Learning Outcome	Where the outcome is addressed in the curriculum	Evaluation of Outcome
Students will be able to synthesize information under pressure within a short time frame.	Saturdays sessions will involve finding information, sharing with the team, and synthesizing the information into a coherent and focused outcome; very short time frame (weekend)	Final Presentation
Students will be able to prioritize research findings and come to consensus on key issues with collaborating partners	Background material on working in teams will be provided prior to class. Saturdays sessions will require students to prioritize information and collectively decide on key issues to present	Team Portfolio Final Presentation
Students will appreciate resource constraints commonly encountered in a developing country context	Background reading will expose students to resource constraints present in the challenge setting that will impact their decisions	Team Portfolio Final Presentation & Writeup
Students will be able to collaborate successfully with people from different disciplines toward a common goal	All aspects of the course will model and emphasize the attributes of working in a multidisciplinary team	Team Portfolio Final Presentation Course evaluation (online)
Integrate various perspectives and methods into a workable product	Saturdays sessions will require students from different disciplines to successfully communicate their views, language and perspectives and develop a final product that fairly reflects the teams strengths	Team Portfolio Final Presentation
Apply evidence-based decision-making to global health problems	Evidence will be collected and evaluated during Saturdays session ; Preparation of the final presentation will require students to adequately build and present evidence that supports their proposed solution	Team Portfolio Final Presentation

Assignments

Students will work in multidisciplinary teams of 5 to develop a practical implementable solution to a real-world global health problem set in a developing country. Proposed solutions should take into consideration infrastructure, economic and political realities; a plan for sustainability; and expectations for impact/outcomes and how this would be measured.

- 1) Students will provide documentation of their work, including individual effort within each team, as a **team portfolio** at the end of the course for evaluation (Portfolio format will be available on Angel).
- 2) Student teams will produce a 2-page summary document made up of a one-page baseline report and a one-page action plan by the end of the course.

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- 3) Student teams will have 20 minutes to give an oral powerpoint presentation detailing their proposed solutions (14 min. duration) and answer questions from the judges and the audience.
- 4) Finally, students will be asked to complete an electronic evaluation of the course after the course is over which will include feedback on their team dynamics, their own contribution, and what they learned from the course.

Attendance

Full participation is a critical component of this course and will be expected for all enrolled students. Any exceptions must be justified in writing and approved by the course coordinator.

Grading

Students will be evaluated based on:

- 1) Participation (20%). Participation includes individual contribution to all aspects of the course including attendance at meetings, participation in tasks as documented in the portfolio, participation in the presentation, and the post-course evaluation.
- 2) Team portfolio (20%). A team grade will be based on the quality and completeness of the portfolio, with the same grade given to each team member. The entire team will be held responsible for the portfolio.
- 3) Team presentation (40%) and write-up (20%). The write-up and presentation grade will also be given as an overall team grade, with the same grade given to each team member. Grading will reflect both the quality of the presentation (delivery, use of visualization, clarity of message) as well as meeting the objectives of the challenge: detailing their proposed solution, with consideration for educational, infrastructure, economic and political realities; a plan for sustainability; and expectations for impact/outcomes and how this would be measured.

This course will utilize the 4.0 A-F letter grade system, compatible with other graduate courses. The criteria are as follows: Grade of (A, 90% and above), will be given for consistently excellent scholastic performance; thorough comprehension; ability to correlate the material with other ideas, to communicate and to deal effectively with course concepts and new material; reliability in attendance and attention to assignments. A (B, 80-89%) will be given for superior scholastic performance overall, reliability in attendance, and attention to assignments; may demonstrate excellence but be less consistent than the work of an A student. A (C, 70-79%) will be given for satisfactory performance overall, as well as reliability in attendance, and attention to assignments. A (D, 60-69%) will be given for minimal, barely passing performance overall; limited knowledge of subject matter. An (F, below 60%) will be given for unsatisfactory performance and comprehension or unfulfilled requirements. Incompletes may only be awarded if: “the student is unable to complete their work on time due to circumstances beyond their control” (Acad. Reg. #90).

Students with Disabilities

Students with Disabilities: Reasonable accommodations are available for students with a documented disability. If you have a disability and may need accommodations to fully participate in this class, please visit the Access Center (Washington Building 217) to schedule an appointment with an Access Advisor. All accommodations MUST be approved through the Access Center.

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WSU Safety Statement/ Policy.

Washington State University is committed to enhancing the safety of the students, faculty, staff, and visitors. It is highly recommended that you review the Campus Safety Plan (<http://safetyplan.wsu.edu/>) and visit the Office of Emergency Management web site (<http://oem.wsu.edu/>) for a comprehensive listing of university policies, procedures, statistics, and information related to campus safety, emergency management, and the health and welfare of the campus community.

WSU Statement on Academic Integrity.

As an institution of higher education, Washington State University is committed to principles of truth and academic honesty. All members of the University community share the responsibility for maintaining and supporting these principles. When a student enrolls in Washington State University, the student assumes an obligation to pursue academic endeavors in a manner consistent with the standards of academic integrity adopted by the University. To maintain the academic integrity of the community, the University cannot tolerate acts of academic dishonesty including any forms of cheating, plagiarism, or fabrication. Washington State University reserves the right and the power to discipline or to exclude students who engage in academic dishonesty.

Students found responsible for academic integrity violations may receive an F on the particular assignment or exam, as well as an F for the course. Repeated and/or serious offenses may result in referral to the conduct board and expulsion from WSU. For graduate students, academic integrity violations may also result in the loss of teaching and/or research assistantships.

Academic Integrity Statement and link to WSU's policy:

<http://www.wsulibs.wsu.edu/plagiarism/main.html>

<http://conduct.wsu.edu/academic-integrity-policies-and-resources/>