**Global Health**

Syllabus

Lecturer: Beini Lyu

*Academic Year 2023-2024, Semester 2*

Lectures: Tuesday 9:00am-12:00, Chengzeyuan Classroom 132

**1.课程简介：**

近年来，随着经济全球化的迅速蔓延和传染病在全球范围内的肆虐，“全球健康（Global Health）”学科日益受到关注。全球健康问题是指跨越国家边界和政府的、需动用全球性的力量来解决的健康问题。全球健康是一个多学科领域，囊括医学、公共卫生、社会科学、经济学、环境研究和政策分析等多个学科。这门研究生课程将针对来自不同背景的研究生，课程将概述全球健康决定因素、阐明全球健康面临的传染性疾病、慢性非传染性疾病、环境卫生、健康公平等挑战，探索包括卫生系统、全球卫生治理等全球健康问题的应对策略。课程将帮助学生构建全球健康知识体系，并结合全球健康领域研究前沿，培养学生开展全球健康相关领域的跨学科学术研究能力，促进学生对复杂的全球健康挑战有更全面的理解。

**2. Course Description**

In recent years, the field of "Global Health" has gained significant prominence due to the rapid spread of economic globalization and the increasing occurrence of infectious diseases on a global scale. Global health issues encompass health challenges that transcend national borders and require coordinated efforts on a global scale to effectively address. These challenges encompass a wide range of issues, including infectious diseases, chronic non-communicable diseases, environmental health concerns, health equity disparities, and more.

Global health is a multidisciplinary field that encompasses various disciplines such as medicine, public health, social sciences, economics, environmental studies, and political science. This graduate-level course is designed for students from diverse backgrounds. The course will provide an overview of the determinants of global health, the challenges faced by global health, common research methods, and strategies to address global health issues. The course will assist students in building a comprehensive knowledge base in global health. Additionally, by integrating cutting-edge research in the field, this course will cultivate students' interdisciplinary academic research skills in global health-related areas and promote a more comprehensive understanding of complex global health challenges.

**3. Grading:**

Classroom Participation: 15%

Paper presentation: 30%

Final Presentation: 20%

Final Proposal: 35%

**Paper presentation**: Each student is required to select a research paper addressing a global health issue for presentation.

**Research proposal**: Each student is required to submit and present a research proposal by the end of the semester. In the proposal, each student should state the research question, the connection between the research question and global health, a literature review, study design, and potential implication.

**4.Book reference**

1）Introduction to Global Health (4th edition). Kathryn H. Jacobsen. Jones & Bartlett Learning. 2022.

2）Global health. Mark Nichter. University of Arizona Press. 2020.

3）The politics of global health governance: united by contagion. Mark W. Zacher, Tania J. Keefe. Palgrave Macmillan New York. 2008.

**5. Tentative plan**

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| **Week/date** | **Topic** | **Brief introduction** |
| Week 1 (2.20) | Introduction to Global Health | Definition of Global Health, Evolution of Global Health Definitions and Perspectives, Key Stakeholders in Global Health |
| Week 2(2.27) | Basic Concepts of Public Health and Epidemiology | Fundamental Concepts in Epidemiology and Public Health, Terminology, and Research Methods |
| Week 3(3.5) | Global Disease Burden | Measurement for Global Health Disease Burden, Data Sources, and Global Health Disparities |
| Week 4(3.12) | Determinants of Global Health | Literature on Determinants of Health and Global Health |
| Week 5(3.19) | Non-communicable Diseases and Injuries | Major Global Non-Communicable Diseases, Injuries, Disease-Related Risk Factors, Prevention, and Control Strategies |
| Week 6(3.26) | Pharmaceuticals and Global Health | R&D, Supply, and Accessibility of Pharmaceuticals in Global Health |
| Week 7(4.2) | Infectious Diseases | Past and Present Infectious Diseases in the Field of Global Health |
| Week 8(4.9) | Vaccines and Global Health | Vaccines and Their Role in Global Health |
| Week 9(4.16) | Global Health Governance | Global Health Diplomacy, Major International Organizations in Global Health |
| Week 10(4.23) | Tobacco Use and Global Health  | Threat of Tobacco Use to Global Health, Tobacco Control Strategies and Challenges in Different Regions |
| Week 11（4.30） | University-Wide Holiday (No Class) |  |
| Week 12（5.7） | Global Healthcare systems | Comparative Analysis of Healthcare Systems in Different Global Regions, Challenges Faced by Different Systems, Universal Healthcare |
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| Week 13（5.14） | Environment, Climate Change, and Global Health | Climate Change, Pollution, Health, Sustainable Development, and One Health |
| Week 14（5.21） | Journal paper presentation by students | Students' Group Presentations and Discussions on Journal Articles Related to Global Health of Their Choice |
| Week 15（5.28） | Aging and Life Course Approach in Global Health | Challenges of Aging and Strategies |
| Week 16（6.4） | Final Paper Presentation | Students' Group Presentations and Discussions on Their Chosen Research Proposal related to Global Health |