Global Health Studies Program Information Session

October 4 & 11, 2023
Why Global Health?

Global health is a powerful driver of global affairs today. As the Covid-19 pandemic has demonstrated, disease outbreaks can restructure world economies, transform trade and travel, drive foreign policy, alter behavior, and challenge every aspect of individual lives and social activities.

The multifaceted nature of global health requires interdisciplinary analyses engaging with economics, history, and politics, as well as with anthropology, law, and sociology, in addition to epidemiology, public health, and medical sciences.

Deep understanding of global health will not only serve our scholars today, it will ground their futures as they think, lead, and act in global contexts.

**The Program ▼**

The Yale Global Health Studies Program is designed for undergraduate Yale students interested in addressing pressing global health challenges.

We offer undergraduates the opportunity to engage critically and analytically in global health. Interdisciplinary knowledge is the cornerstone of our training. Students learn relevant research methodologies to develop their understanding of how knowledge in global health is constructed and how this can inform their academic pursuits and future careers.

Our curriculum offers a choice of 63 courses each semester in 2021, and 76 courses in 2022.

**Global Health Alumni ▼**

In 2021, the Program ran its largest-ever application cycle for sophomore undergraduates. We welcomed 36 new Global Health Scholars, bringing our total to 77 Scholars currently in the Program.

Scholars complete foundational courses in global health, a senior research colloquium, and electives drawn from a diverse array of courses. They cover six competency areas: political economy & governance in health, historical approaches, health & societies, biological & environmental influences on health, understanding & interpreting quantitative data, and performance & representation in health.

**Global Health Awards ▼**

We launched the Policy and Professional Award (PPA) to support students in high-impact summer internships. We also provide students with summer research awards. For example, in 2021, we funded students to intern at the World Bank in the Health, Nutrition and Population Global Practice team, Save the Children’s Climate Change and Health team, and conduct a range of summer research projects ranging from population health in Nepal to nutrition patterns in the United States.

**Program Leadership**

Professor Catherine Panter-Brick is the Global Health Studies Program Director and Yale’s Bruce A. and Civil-Elie Chabner Professor of Anthropology, Health, and Global Affairs. She leads research initiatives to develop effective partnerships between scholars, practitioners, policymakers, and civil society actors, having spent three decades working with communities affected by war, poverty, and marginalization.

Dr. Cara Kiernan Fallon is a Lecturer in Global Health and the Global Health Studies Program Manager. She has interdisciplinary training in ethics, history, public health, and industry, focusing her research on disparities in chronic disease and disability in aging.

**Institutional Home**

The Global Health Studies Program thrives within the Jackson Institute for Global Affairs, which will transition into the Jackson School of Global Affairs in 2022, under the leadership of James A. Levinsohn, Charles W. Goodyear Professor in Global Affairs.

**By the numbers**

- **76** Global Health Courses offered in Spring 2022
- **25%** Program expansion in each of the past two years
- **77** Global Health Scholars currently registered
The Global Health Studies Program

https://jackson.yale.edu/study/global-health-studies/
Global Health Studies Program Requirements

2 required courses and 4 elective courses

2 Required courses:
1. Global Health: Challenges and Responses (HLTH 230)
2. Senior Research Colloquium (HLTH 490)

4 Electives: Choose 4 from Global Health Competencies
• Biological & Environmental Influences on Health
• Health & Societies
• Historical Approaches
• Performance, Representation & Health
• Political Economy & Governance in Health
• Understanding & Interpreting Quantitative Data

Funded Summer Research (Optional) / Internship Experience & funding through Global Health Summer Awards
<table>
<thead>
<tr>
<th>Course Title</th>
<th>Course Number</th>
<th>Competency 1</th>
<th>Competency 2</th>
<th>Instructors</th>
<th>Distributional Requirements</th>
<th>Course description from courses.yale.edu/</th>
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<tbody>
<tr>
<td>Air Pollution Control</td>
<td>ENVE 373, CENG 373</td>
<td>Biological &amp; Environmental Influences on Health</td>
<td>Understanding &amp; Interpreting Quantitative Data</td>
<td>Drew Gentner</td>
<td>QR, SC</td>
<td>An overview of air quality problems worldwide with a focus on emissions, chemistry, transport, and other processes that govern dynamic behavior in the atmosphere. Quantitative assessment of the determining factors of air pollution (e.g., transportation and other combustion–related sources, chemical transformations), climate change, photochemical “smog,” pollutant measurement techniques, and air quality management strategies. Prerequisite: ENVE 120</td>
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<tr>
<td>Biology of Malaria, Lyme, and Other Vector-Borne Diseases</td>
<td>HLTH 155, MCDB 106, E&amp;EB 106</td>
<td>Biological &amp; Environmental Influences on Health</td>
<td>Understanding &amp; Interpreting Quantitative Data</td>
<td>Alexia Belperron</td>
<td>SC</td>
<td>Introduction to the biology of pathogen transmission from one organism to another by insects; special focus on malaria, dengue, and Lyme disease. Biology of the pathogens including modes of transmission, establishment of infection, and immune responses; the challenges associated with vector control, prevention, development of vaccines, and treatments. Intended for non–science majors; preference to freshmen and sophomores. Prerequisite: high school biology.</td>
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<td>Climate Change</td>
<td>EPS 101</td>
<td>Biological &amp; Environmental Influences on Health</td>
<td></td>
<td>Mary-Louise Timmermans, Noah Planavsky</td>
<td>SC</td>
<td>Biological concepts taught in context of current societal issues, such as emerging diseases, genetically modified organisms, green energy, and the human brain and its disorders. Emphasis on biological literacy to enable students to evaluate scientific arguments.</td>
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<tr>
<td>Environmental Justice in South Asia</td>
<td>ANTH 322, SAST 306, EVST 304</td>
<td>Biological &amp; Environmental Influences on Health</td>
<td>Political Economy &amp; Governance in Health</td>
<td>Kalyanakrishnan Sivaramakrishnan</td>
<td>SO</td>
<td>Study of South Asia’s nation building and economic development in the aftermath of war and decolonization in the 20th century. How it generated unprecedented stress on natural environments; increased social disparity; and exposure of the poor and minorities to environmental risks and loss of homes, livelihoods, and cultural resources. Discussion of the rise of environmental justice movements and policies in the region as the world comes to grips with living in the Anthropocene.</td>
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<td>Epigenetics</td>
<td>MCD 350, MCD 650</td>
<td>Biological &amp; Environmental Influences on Health</td>
<td></td>
<td>Nadya Dimitrova, Yannick Jacob, Josien van Wolfswinkel</td>
<td>SC</td>
<td>Study of epigenetic states and the various mechanisms of epigenetic regulation, including histone modification, DNA methylation, nuclear organization, and regulation by non-coding RNAs. Detailed critique of papers from primary literature and discussion of novel technologies, with specific attention to the impact of epigenetics on human health. Introductory courses (BIOL 101-104) and two MCDB 200-level courses (strongly recommended: MCD 202 and MCD 200 or MCD 210) or instructor permission.</td>
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<tr>
<td>Evolution and Medicine</td>
<td>HLTH 250, E&amp;EB 335, E&amp;EB 635</td>
<td>Biological &amp; Environmental Influences on Health</td>
<td></td>
<td>Brandon Ogbunu</td>
<td>SC, WR</td>
<td>Introduction to the ways in which evolutionary science informs medical research and clinical practice. Diseases of civilization and their relation to humans’ evolutionary past; the evolution of human defense mechanisms; antibiotic resistance and virulence in pathogens; cancer as an evolutionary process. Students view course lectures on line; class time focuses on discussion of lecture topics and research papers. Prerequisite: BIOL 101–104.</td>
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<td>Hormones, Evolution, and Human Behavior</td>
<td>ANTH 217</td>
<td>Biological &amp; Environmental Influences on Health</td>
<td></td>
<td>Richard Bribiescas</td>
<td>SO</td>
<td>This course examines the evolution of human behavior through the lens of endocrinology and life history theory. Topics include the evolution of social behavior, pair bonding, parental investment, aggression, sex, feeding behavior, and risk tolerance. This course also addresses these topics with a mindful eye towards variation throughout the human life course from birth to death. Specific attention is made towards examining behavioral endocrinology within the context of human diversity in all its forms, social, biological, and ecological as well as in comparison with other species including non-human primates. ANTH 116, ANTH 242, or a similar course is recommended before enrolling in this course.</td>
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Global Health Studies Program

Events!

• Policy & professional trip to Washington, DC

• GHS Dinners

• Advocate in residence, lunches, and speakers

• Scholar bonding events
Global Health Scholars in Action!
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Global Health Scholars
Global Health Scholars

Dina Garmoudi
Abel Geleta
Lucy Gilchrist
Noemi Guerra
Aeka Guru
Simona Hausleitner
Krupa Hegde
John Ho
Youssef Ibrahim
Global Health Scholars

Shan Lateef
Chris Lee
Cathleen Liang
Anjali Mangla
Sofia Manriquez
Sabrina Mellinghoff
Matthew Merritt
Anabel Moore
Ushuu Namarra
Global Health Scholars

Himani Pattisam
Emma Peterson
Ananya Rajagopalan
Lusangelis Ramos
Carla Rangel
Gabriel Ransom
Sebastian Romero
Erin Sommers
Derek Song
Global Health Scholars
Global Health Scholars

Ketty Nguyen  
Chloe Nield  
Braiya Nolan  
Shreya Nuli  
Jennifer Okolo  
Shruti Parthasarathy  
Krupa Subramaniam  
Christian Tuyishime  
Giri Viswanathan
Core Teaching Faculty

Prof. Catherine Panter-Brick

Dr. Cara Fallon

Prof. Rob Hecht

Prof. Brandon Ogbunu

Prof. Marney White
Affiliated Faculty

Our faculty connect us with Yale Schools of Medicine, Nursing, Public Health, Law, Arts & Sciences, the Jackson Institute, and the New Haven community
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Global Health Studies

The Global Health Studies Program is designed for undergraduate Yale students interested in understanding and addressing pressing global health challenges.

https://jackson.yale.edu/study/global-health-studies/
Application Process

For sophomores currently enrolled (and first years/juniors in exceptional circumstances):

October 4 & 11: Info sessions

October 13: Applications open online

November 17: Applications due at 4pm

Before Winter Break: Decisions Communicated
Application Contents

Background information

Resume and transcript

Contact information for one reference

3 Essay Short Questions

- **Question 1 (250 words):** “What motivates you to become a Global Health Scholar?”

- **Question 2 (500 words):** Based on Jeffrey Koplan et al.’s definition of global health (provided), describe a global health-related issue or challenge that is interesting to you, and explain how pursuing interdisciplinary study and collaboration in the Yale Global Health Scholars program would help you better understand and/or address this issue.

- **Question 3 (250 words):** Many social scientists have been critical of global health, but insist that “a critical approach (...) is less about new problems (or solutions) than about new problematizations” (Fassin, 2012). What are some of the problem areas you might see in ‘framing’ current research and practice in global health?

https://jackson.yale.edu/study/global-health-studies/how-to-apply/
Learn More about our Program!

Talk to Global Health Scholars….

Learn about the program, courses, & more

Apply now!
Questions?