



COLUMBIA

VAGELOS COLLEGE OF
PHYSICIANS & SURGEONS

PROGRAM FOR EDUCATION IN
GLOBAL AND POPULATION HEALTH



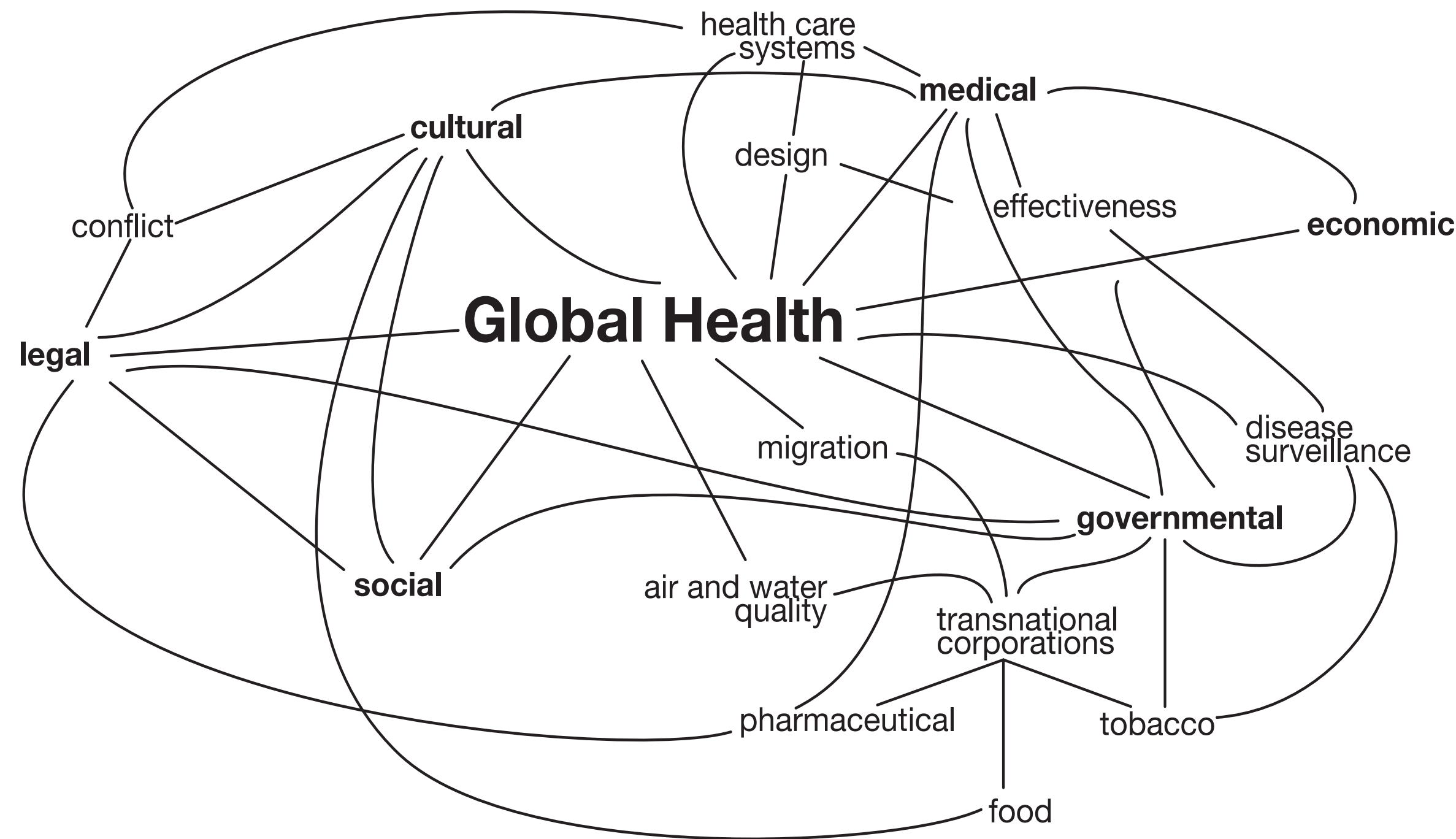
Photo: Haley A Davis M.D. Candidate | Class of 2022

Global and Population Health at VP&S

Global Health threats remain among the key challenges for our societies. Despite significant progress in narrowing inequities in health outcomes worldwide, the burden of such threats continues to disproportionately affect vulnerable populations. Substantial resources and efforts are fundamental to continue evolving towards a healthier, more equitable world.

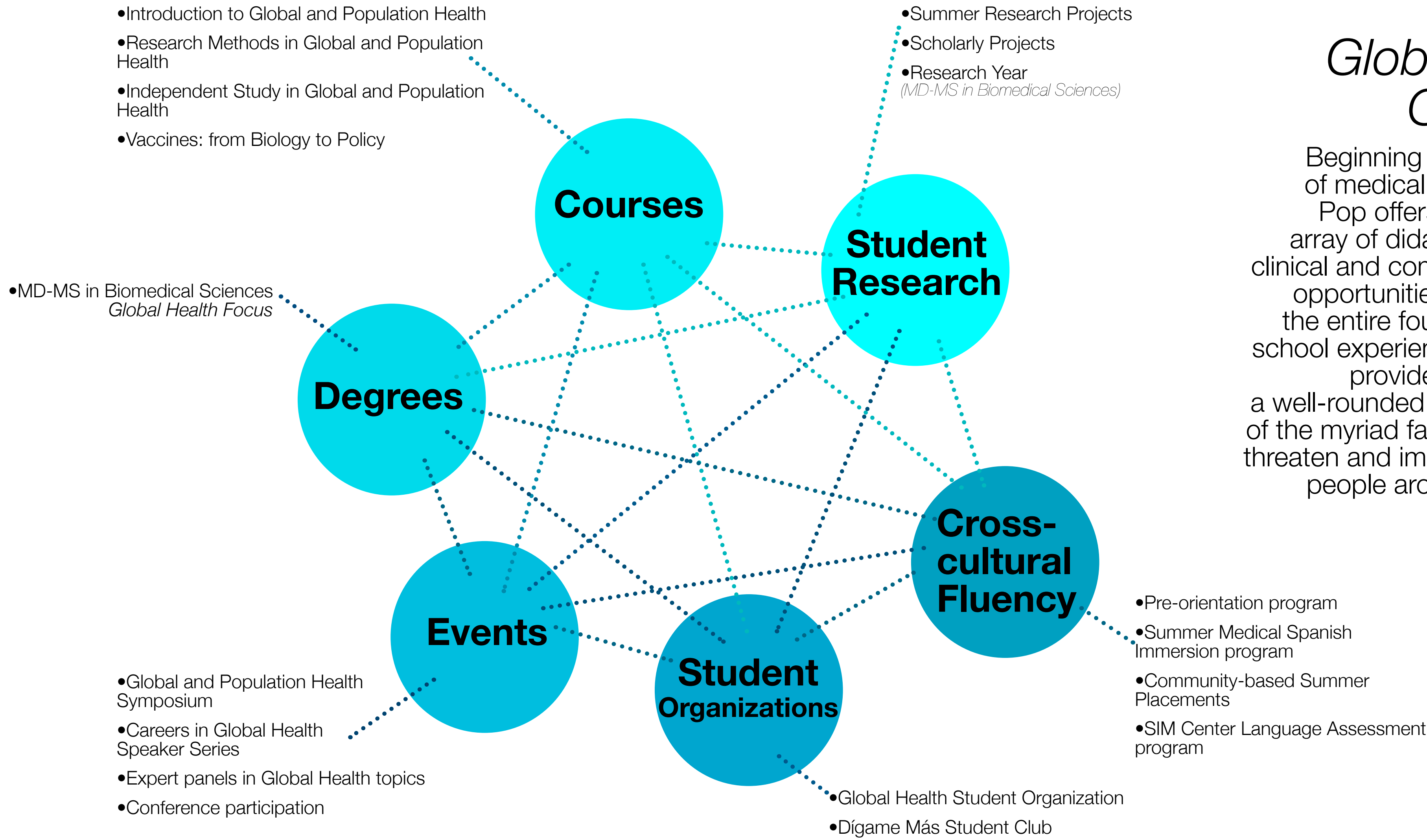
The Program for Education in Global and Population Health (Global Pop) responds to this call for action and provides the education, training and research skills needed to develop future leaders in global and population health.

Based at the Vagelos College of Physicians and Surgeons at Columbia University, Global Pop views global health as a discipline that seeks to understand the interplay of the many factors (governmental, legal, economic, social, cultural, medical, environmental, etc.) that impact health without respect of national borders, and by understanding those factors, move towards achieving health and health equity worldwide.



Global Pop's Offerings

Beginning in the first year of medical school, Global Pop offers an integrated array of didactic, research, clinical and community-based opportunities that arc over the entire four-year medical school experience, and which provide students with a well-rounded understanding of the myriad factors that both threaten and improve health of people around the world.



Global Pop's Offerings (continued)

All of our offerings, with the exception of the Scholarly Projects and the Research Year, are open to students from all schools across the medical campus and expose students to a multidisciplinary experience:

Student Research

Our program offers research opportunities throughout medical school years:

- Summer Research Projects: Competitive application for placements and stipends, both abroad and in NYC. Projects take place in the summer between the first and second year of medical school.
- Scholarly Projects: Global and Population Health is one of six available tracks for Scholarly Projects during the 4th year of medical school. Students explore an area of medical practice or research with the aim of creating new knowledge. Projects span over 4 to 8 months. Competitive financing sources are available.
- Research Year (pursuant towards the MD-MS in Biomedical Sciences): Students interested in pursuing a dual-degree in Biomedical Sciences with a Global Health focus may apply for competitive funding for a full research year.

Courses

Our courses are organized so that students pursuing opportunities locally and abroad be as prepared as possible to maximize the impact of their Global and Population Health undertakings:

- Introduction to Global and Population Health (*Fall – 3 credits*): Offered to all students across the CUIMC, but most relevant to first-year medical students.
- Research Methods in Global and Population Health (*Spring - 2 credits*): Required for all students conducting Global Pop Summer Research projects.
- Independent Study in Global and Population Health (*Fall - 3 credits*): Offered to all students participating in Global Pop Summer Research projects.
- Vaccines: from Biology to Policy (*Spring-2 credits*).

Degrees

- MD-MS in Biomedical Sciences – *Global Health Focus*
Global Pop oversees the global and population health area of focus of the MD-MS program in biomedical sciences. Medical students enrolled in this dual-degree program can elect to participate in a year of international research and earn a Master of Science degree. Students interested in this track develop a research interest and perform a year of original research. The 30-credit program is divided into three phases: pre-thesis development; thesis content courses; and thesis research and defense.

Global Pop's Offerings (continued)

Cross-cultural Fluency

Global Pop considers that exposure to the cultural aspects of a community, including its language, is fundamental in increasing the students' empathy towards their future patients and their understanding of their patients' community health issues, as well as in their ability to help address those issues. Given the medical campus location, the focus of our Cross-cultural Fluency programs is on the Hispanic immigrant populations in Washington Heights, a significant portion of which is not fluent in English:

- Pre-orientation program (Bienvenidos): 4-day program for incoming students including cultural fluency lectures and immersion in Washington Heights.
- Summer Medical Spanish Immersion program (Dígame): is an interdisciplinary program offering a combination of language classes, practice sessions, cross-cultural lectures and activities during the summer.
- Summer Placements in health-related and community-based organizations.
- SIM Center Language Assessment program: sessions organized as role plays with real-life patient-doctor dialogues at the medical school simulation center.

Events

- Global and Population Health Symposium: organized in the Fall, our hallmark event features a keynote speaker in Global Health, a student research panel, and a poster session showcasing the students' summer work.
- Careers in Global Health – *Speaker Series*: geared towards all medical students interested in learning about the paths, challenges and resources available to those interested in pursuing a career in the field.
- Expert panels in Global Health topics: Varies.
- Conference participation: Varies.

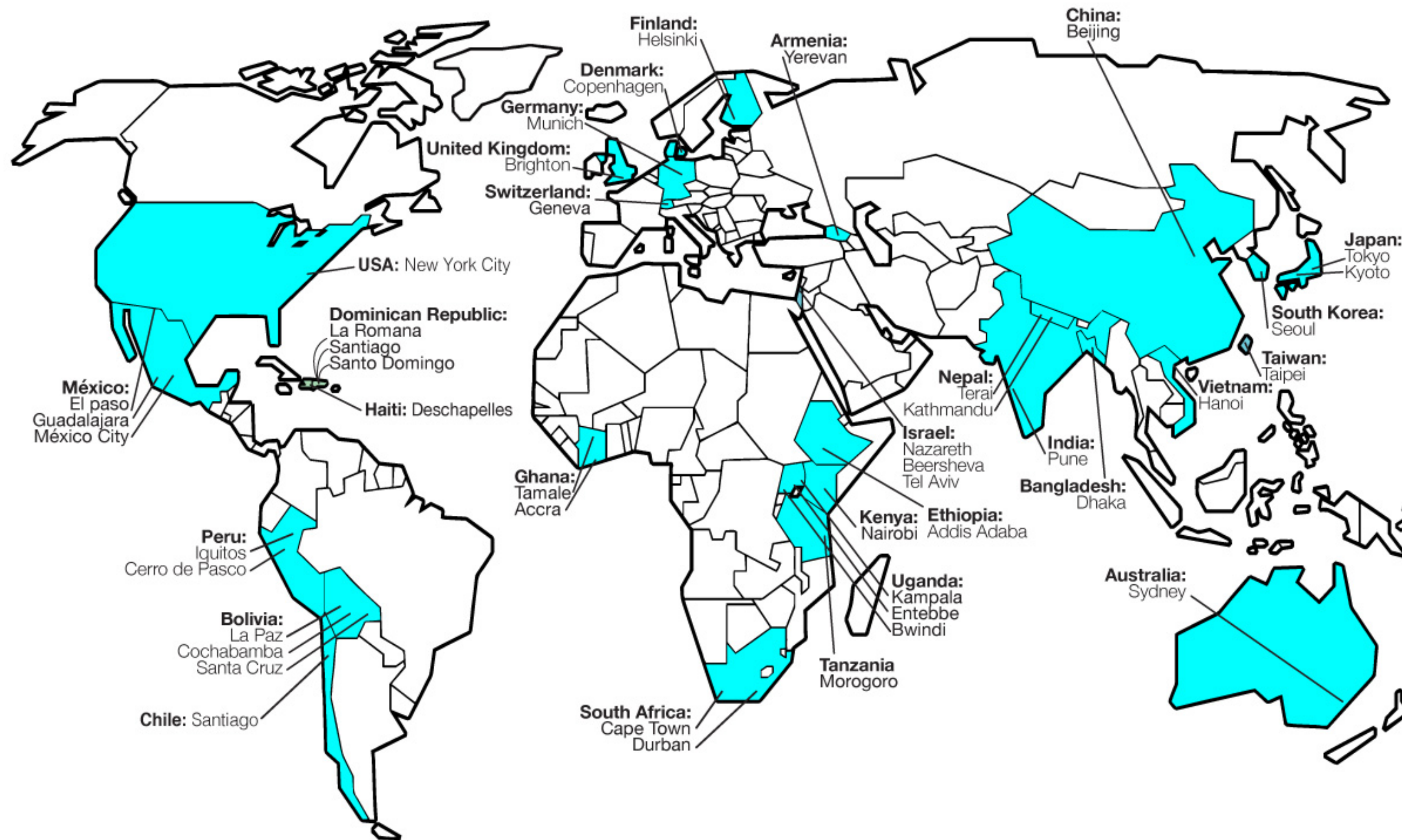
Student Organizations

- Global Health Student Organization: led by elected first-year students and with the support of Global Pop's Co-directors as Faculty advisors, the GHSO serves as a platform to connect Global Health-related resources to students, organizes events and channels student initiatives and concerns.
- Dígame más Student Club: led by elected first-year students, and with the support of the Associate Director of Cross-cultural Fluency as Faculty advisor, the Digame más student club offers multiple language and cultural enrichment programs in Washington Heights during the academic year for health sciences for students across Columbia's Medical Campus.

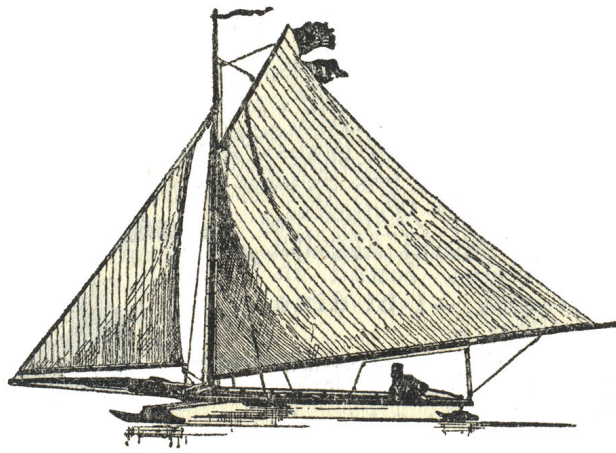
Global Reach

Since 2013, Global Pop has been supporting students from across Columbia's Medical Campus wishing to carry out Global Health projects, both abroad and in NYC. Every year, over 200 students join our various programs. About 45 of them receive a stipend and go overseas to carry out their research projects. Roughly two thirds of our students belong to the medical school.

Student projects examine an increasingly broad range of issues. Findings from these studies help advance new interventions, provide insight into international policy, climate change and sustainable development, and allow our on-site partners and the surrounding community to benefit from our students' valuable knowledge and skills.



Student Testimonials



“I spent a summer working in the antimicrobial resistance division of the WHO.

As someone interested in health policy, nothing could have been better. I got to work in the epicenter of the global health policy response to an ongoing crisis.

What’s more, I was able to contribute – I worked on and submitted a paper in collaboration with researchers at WHO and Columbia.”

– **Alex Buteel** *(VP&S Class of 2022, Varmus Global Scholar, Summer Research Projects)*

“The Global Pop has encouraged me to pursue additional research and training opportunities during medical school that will allow me to continue working on global health. I hope to continue working in conjunction with researchers in lower-income countries throughout my career.”

– **Matt Cohen** *(VP&S Class of 2022, Varmus Global Scholar, Summer Research Projects)*

“Participating in this program has cemented my desire to experience global health work through the lens of immigrant health here in the United States. Being able to experience the culture that many of my Dominican patients here in Washington Heights had back in their home country has allowed me to connect with many of my patients more meaningfully. Additionally, the program helped improve my Spanish vocabulary and ease in speaking.”

– **Sabrina Shih** *(VP&S Class of 2022, Summer Research Projects)*

“I went into this program interested in primary care in underserved neighborhoods, but I also learned about local exercise classes, performances for children, and cooking classes. I now have a better understanding of the community supports and resources that exist for patients outside of stereotypical health care networks, and I would like to incorporate that knowledge into my practice.”

– **Noah Hellermann** *(VP&S Class of 2022, Student Leader, Summer Cross-Cultural Fluency Program)*



Team

Global Pop's Team, featured along VP&S leadership and students (front, left to right):

Tania Genel, MBA, MPP

Administrative Director - Global Pop

Kim Hekimian, PhD

Associate Director of Education - Global Pop

Elizabeth Shane, MD

Associate Dean of Student Research - VP&S

Neil Schluger, MD

Co-Director - Global Pop

Lawrence Stanberry, MD, PhD

Co-Director - Global Pop

Lisa Mellman, MD

Senior Associate Dean for Student Affairs and Interim Co-Vice Dean for Education - VP&S

Anne Armstrong-Cohen, MD

Dean of Admissions - VP&S

Ana Esteban, MD

Associate Director of Cultural Competence - Global Pop

Noel Manu, MPH

Administrative Coordinator, The Programs in Global Health

Not pictured:

Silvia Cunto-Amesty, MD

Associate Director of Latin America Programs - Global Pop

Sofia Tinio, MPA

Program Coordinator - Global Pop

Contact us at
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Civil War Field Hospital Station

Varmus Global Scholars Fund

Through the generosity of Dr. Harold Varmus, Nobel Prize recipient, Columbia established the endowed Harold Varmus, MD P&S '66 Global Scholars Fund. The Fund provides stipends for exceptional Columbia medical students who will conduct novel original global and population health research projects abroad for eight weeks, to a year.

The Program for Education in Global and Population Health thanks the following organizations and individuals for their ongoing support and guidance:

The Gilead Foundation
Paul Maddon, MD, PhD (P&S '88)
The Pincus Family Foundation
Cary Queen, PhD (CC '71)
Mary Clark Romney, MD (P&S '76)
Stephen Sands, PsyD
Harold Varmus, MD (P&S '66)