University of California Global Health Institute

ANNUAL REPORT

2024 - 2025

UNIVERSITY OF CALIFORNIA HEALTH

Global Health Institute

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Director's Message

In preparation to write this letter, I reviewed my letter from last year's annual report. Last summer feels like a faraway time, but I realized that I continue to have the same feeling of pride in the work of the UC Global Health Institute as well as gratitude for the deeply compassionate community that I am lucky to count myself a part of.

This year, I would add another word that I believe is deeply meaningful to every member of our community—**commitment**. We are in a tumultuous time in local and global health. Most of us are scrambling to keep our work going and preserve our people in the landscape of funding terminations. In times of challenge, one response would be to retreat and wait. The other response – the one taken by UCGHI's Centers, Programs, and Initiatives – is to stay actively committed to our work and <u>mission</u>. Each person has stayed **committed** to our local and global collaborations. Each project has stayed **committed** to being impactful locally and globally. One truth about global health is that our work has always been faced with resource constraints. Our local and global colleagues and communities endure and thrive through challenges and crises, and we are **committed** to doing the same.

Over the past year, we made meaningful progress on the initial priorities outlined in our 5-year strategic plan. As a core team, we prioritized connecting with campuses where we have a smaller presence, reevaluating and revamping our global health educational programs, and ensuring a diverse UCGHI Advisory Council to guide the implementation of our strategic plan. As a refresher, a summary of our 5-year strategic plan is available <u>here</u>:

1. **Strategic Priority - Inclusive Resource:** Increase visibility within the UC system to ensure all faculty, learners, staff, and community members can use the Institute as a resource. To do this;
   a. **Launch of <u>New Website</u>:** We embarked on an ambitious project to revamp our website to be more user-centered and informative. While it took a team, I would like to add a special thank you to UCGHI Communications Specialist, Stephanie Sumstine-Felice, who dedicated an inordinate amount of time and passion to lead the charge. The website is a living resource, so please take a look and always feel free to let us know what else you wish it included.
   b. **UC Site Visits:** We visited UC Santa Barbara and UC Merced. There are more details included in the body of the annual report but suffice it to say that we left both visits inspired and motivated by the dedicated faculty, innovative curricula, and transdisciplinary programs. And most importantly, we saw that UC learners are AMAZING—they are deeply engaged and willing to dedicate time and energy to making their schools the best they can be! During these visits, while we saw that each UC campus has unique expertise and strengths, when the campuses are connected our impact is amplified.
   c. **Comprehensive UC Global Health Resources led by UCGHI Student Ambassadors:** Our UCGHI Student Ambassadors, with guidance from our team, embarked on a creative group project to catalog the resources for local and global health available at each campus. The Institute will continue to build upon their collective work, and we cannot wait to share these resources.

Director's Message

    d. **Launching new UCGHI Affiliate Program:** We are launching a new UCGHI affiliate program for individuals and programs across UC and beyond. Stay tuned in the Fall!

2) **Strategic Priority – Accessible Education:** Increase access to global health education for UC and non-UC learners including domestic and international education and training programs.

    a. **Identifying Priorities for UCGHI Global Health Education & Strengthening Partnerships with Key Stakeholders:** This work will take time, but we took several steps forward. We forged a relationship with new colleagues at UC Online who are doing similar work of visioning cross-campus educational opportunities. We are meeting with each individual campus liaison for UC Online. We catalogued and evaluated all of our existing educational resources. Finally, we dedicated our spring UCGHI Advisory Council Meeting to setting specific educational priorities.

    b. **Increasing training opportunities for high school students:** We launched a new collaboration with UC San Francisco to expand a high school student education and research program (Student Researchers in Global Health) to all five Northern California campuses. We cannot wait for you to read more about it in this report!

3) **Strategic Priority – Equitable Collaborations:** Serve as an operational advocate within the UC system to impact policies and improve processes for equitable partnerships with far reaching impact statewide and globally.

    We started working towards this priority by looking inwards. We rounded out our UCGHI Advisory Council this year by adding three regional members representing Africa, Latin America, and Asia, filling all open positions at the UCs, and finalizing our two student members. The input of the UCGHI Advisory Council has been invaluable and will remain important as we navigate the uncertainties in the year ahead.

I have spent less time in this letter sharing the work of our UCGHI Centers and Programs because this incredible work is shared in detail in our annual report. But I do want to express my deep admiration for our Center and Program Directors, faculty, and staff. Their unwavering commitment during this time is what continues to move our vision and mission forward. I am profoundly grateful to each and every one of them for choosing to be part of UCGHI. In addition, I remain incredibly grateful to the team at the UC Office of the President (UCOP) including our leaders Dr. Deena McRae and Dr. David Rubin, who have been constant advocates. And finally, to our learners, your energy fuels us and we cannot wait to continue to support you into your futures!

With gratitude and hope,

Madhavi Dandu, MD, MPH
Professor of Medicine
Director, UC Global Health Institute
Division of Hospital Medicine, UCSF

UC GLOBAL HEALTH INSTITUTE

UNIVERSITY OF CALIFORNIA HEALTH | Global Health Institute

UC Global Health Institute advances local and global health equity so our people and planet thrive.

The University of California Global Health Institute leverages the research, teaching expertise and power of all ten University of California campuses by fostering relationships across institutions and communities, locally and internationally. The relationships built through the Institute lead to meaningful partnerships which enable creative approaches and successful grantsmanship built on mutual trust and learning.

COMMUNITY-ENGAGED RESEARCH

We support health equity and advance health justice using cross-disciplinary, transcultural, and community-based research to impact change.

Increasing Abortion Access:
California Home Abortion by Telehealth, a patient-centered study to assess safety, effectiveness, and acceptability of medication abortions by telehealth.

Campus Violence Prevention:
* **University of California Campuses**: UC Speaks Up initiative to address research, advocacy, and service efforts focused on sexual violence prevention at UC.
* **Global College Campuses:** Global College Campus Violence Prevention Network to prevent sexual violence on university campuses globally.
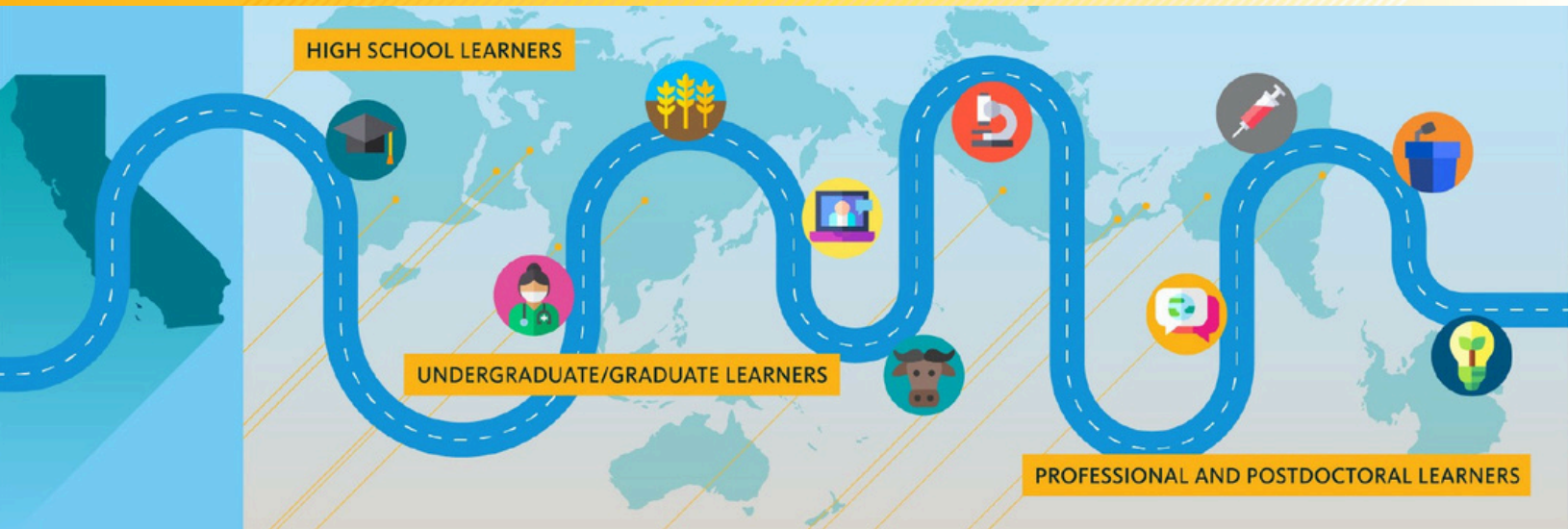
Health Equity:
* **Climate:** Climate Action Grant to equip CA farmworkers with tools to address impacts of climate change on their health
* **Access to Safe Water:** Disparities in safe drinking water in CA
* **COVID-19:** Impact of COVID-19 on historically marginalized communities
* **Maternal Health:** Perinatal health concerns of Indigenous migrant women
* **HIV/AIDS:** HIV/AIDS prevention research with sexual and gender minority and homeless youth

ADVOCATING FOR POLICY ACTION

We are lifelong learners working collaboratively to disrupt power structures that perpetuate health inequities and disparities in California and globally.
* UCGHI Student Advocacy Program to train UC students in political advocacy for federal funding for global health issues
* UC Global Health Day 2024 focus on making change through advocacy and policy
* Student advocacy for SB 24 to expand access to medication abortion for California university students

MORE →

HIGH SCHOOL LEARNERS

UNDERGRADUATE/GRADUATE LEARNERS

PROFESSIONAL AND POSTDOCTORAL LEARNERS

GLOBAL HEALTH PATHWAY FOR LEARNERS

We train the next generation of diverse leaders through our global health career opportunities pathway.

High School Learners:

* **UCGHI Summer Researchers in Global Health:**
UCGHI hosts a multi-campus global health opportunity for 31 high school seniors in Northern California matched with 45 mentors across UCSF, UC Berkeley, UC Davis, UC Merced, and UC Santa Cruz. To date, there are nearly 80 alumni.

Undergraduate/Graduate Learners:

* **Increasing access to Global Health Education:** UCGHI has created and delivered 15 online courses related to topics in global health since 2015 reaching over 11,000 students across the UC system.

* **Expanding Global Health Education across UC:**
UCGHI supports UC campuses interested in expanding global health coursework and degree programs, such as UC Santa Cruz and UC Santa Barbara.

* **Global Health Leadership Program:** UCGHI Student Ambassadors across all UC campuses and Charles R. Drew University (nearly 460 Student Ambassadors to date)

* **Global Health Student Stipend Program:** UCGHI provided $5,000 research awards to 20 multidisciplinary master's students across six UC campuses and Charles Drew University.

* **Training in One Health:** The Rx One Health Field Institute inspires ecosystem health stewardship of future leaders.

* **Internship Opportunities:** The Summer Work Experience Program and the Internship Opportunities Program provide undergraduate and graduate students opportunities in field-based research.

* **Latinxs and the Environment:** L&E provides mentorship and creates new environmental research opportunities for Latinx students.

Professional & Postdoctoral Learners in California and Globally:

* **UCGHI GloCal Health Fellowship:** GloCal provides year-long mentored research experiences with our low-and-middle-income country (LMIC) sites. The program is for U.S. and LMIC partner postdoctoral fellows as well as doctoral and professional students at UC. Support is provided by the NIH with core funding from UCGHI. To date, there have been **193** GloCal trainees, **23** countries, **38** of **95** U.S. GloCal alumni in faculty positions, **16** at UC.
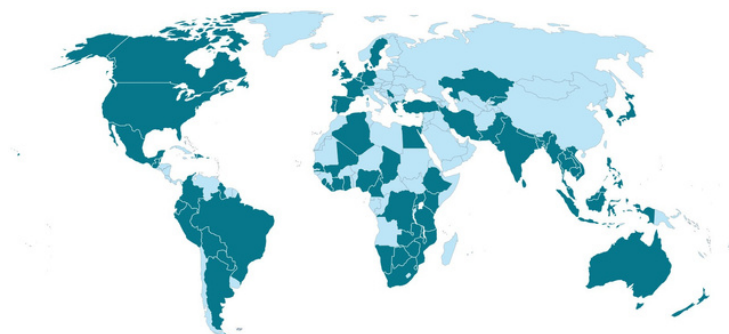
* **UCGHI Center for Health Workforce Equity / HEAL Initiative:** HEAL is the largest transnational global health fellowship in the U.S. with over 200 fellows and alumni from 19 sites across 9 countries and Navajo Nation to serve the under-served to strengthen care delivery.

* **One Health Workforce – Next Generation:** USAID-funded initiative with over 100 partnering universities from 17 countries to transform capacity building in Africa and Southeast Asia.

REACHING ACROSS BORDERS – UCGHI HAS REACHED 79 COUNTRIES

In the past year, UCGHI has positively impacted 36 countries. Since 2010, UCGHI has hosted **ten UC Global Health Days** at 8 UC campuses (2 virtual) and has reached 2,715 participants in-person, 1,533 virtually, and more than 4,800 total registrants across 56 countries.

Power of 10 Campuses = Global Impact Multiplied

The University of California Global Health Institute harnesses the power of all 10 University of California campuses to advance research, train the next generation of global health leaders, and expand the UC's global reach. In the last year:

Workforce Development

UCGHI trains students at all academic levels with global experiences, mentorship and research pathways.

- 1,800 UC students enrolled in 9 online courses
- 53 Student Ambassadors across 10 UC campuses
- 17 UC students in field-based internships (UCB, UCD, UCI, UCM, UCSD)
- Advocated for Health Justice and Community major (UCSB)
- 16 doctoral and postdoctoral research fellows
- 31 high school interns for UCGHI Summer Researchers in Global Health with 45 mentors (UCB, UCD, UCM, UCSF, UCSC)

Innovation in Research and Training

Highlighted research projects include:

- Telehealth abortion access (UCSF, student researchers from UCI and UCLA)
- Violence prevention (UCLA, UCSB, UCSD)
- Climate Action Grant for CA farmworkers (UCSC, UCB, UCR)
- Drinking water in CA (UCSD, UCR)
- COVID-19's impact on communities (UCLA, UCSB)
- HIV/AIDS prevention (UCLA, UCI)
- 20 graduate student research on the environment (UCB, UCR, UCM)
- 40+ publications from UCGHI leadership

By linking the power of 10, UCGHI amplifies the UC system's role as a global health leader – accelerating solutions for the world's most pressing health issues.

Our Global Reach

- Impacted **36 countries** through our projects and fellowships
- **10,000+ email subscribers** across 10 UC campuses and our local and global partners
- **100,000+ website visits**
- **3 new international Advisory Council members**
- **17 countries** in Africa and Southeast Asia for USAID One Health Workforce-Next Generation Project

UCGHI Strategic Plan: UC Site Visits

As part of our strategic priorities (#1 Inclusive Resource and #2 Accessible Education), the UCGHI Leadership Team conducted two UC site visits to UC Santa Barbara and UC Merced. We will continue implementing our 5-year Strategic Plan through these five guiding values: Belonging, Trustworthiness, Courageousness, Transdisciplinarity, and Healing Ecosystems. To find out more about our strategic priorities, refer to the UCGHI Strategic Planning 2-pager.

University of California Site Visits: UC Santa Barbara & UC Merced

UC Santa Barbara: At the UCSB site visit, the UCGHI Leadership Team was welcomed by Laury Oaks, Professor of Feminist Studies, and Lisa Park, Professor of Asian American Studies. UCGHI Leadership engaged with UCSB faculty and undergraduate students to learn about unique programs at their campus and discussed how the Institute can support global health efforts at UCSB. Additionally, UCGHI supported the UCSB Health Justice and Community Initiative in meetings with Chancellor Yang and Executive Vice Chancellor Marshall. The UCGHI Leadership Team learned more about UCSB's Center for Feminist Futures and is excited about future collaborations with their student internship course.

UC Merced: At the UC Merced site visit, the UCGHI Leadership Team was warmly hosted by Trevor Hirst, the Executive Director of the UC Merced Health Sciences Research Institute, UCGHI Advisory Council Member, Dalia Magaña, Associate Professor of Spanish Linguistics, and former UCGHI AC Member, Nancy Burke, Professor of Public Health. The main objective of the site visit was to discuss potential synergies and how the Institute can better support UC Merced faculty in global health and public health. After meeting with Chancellor Muñoz and more than 25 global health / public health faculty, graduate students, and UC Merced UCGHI Student Ambassadors, we were left even more inspired by UC Merced's deep community connections and novel programs.

UCGHI Center for Planetary Health

The mission of the Center for Planetary Heath is to collaborate with partners around the world in research, education, outreach, and transformative solutions to health-environment challenges.
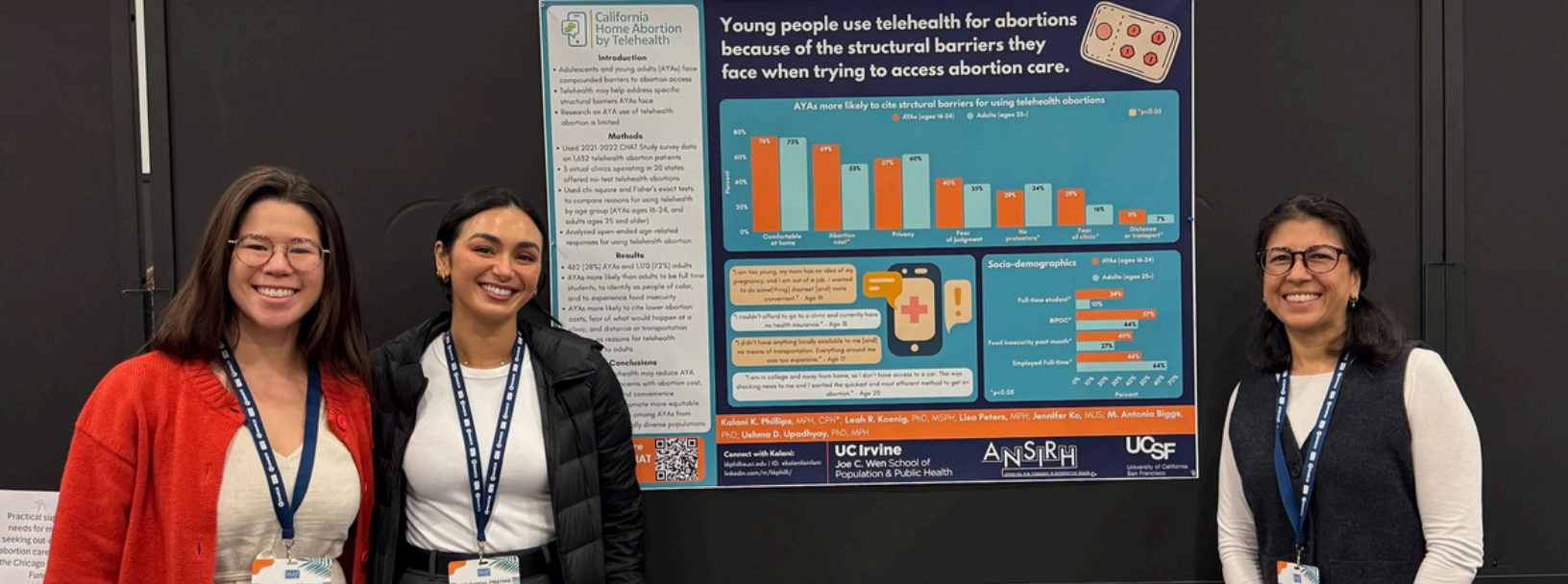
UCGHI's Center for Planetary Health (CPH) combats issues such as the climate crisis, population growth, and emerging infectious diseases, by implementing training and research programs that focus on supporting stakeholders across the UC system to advance transformative solutions. Students have participated in multi-campus, online undergraduate courses such as Global Population, Health and Environment, graduate and young professional level field experiences such as the Rx One Health Field Institute, and summer internship placement opportunities throughout California in the CPH Summer Immersion Program as well as with seed grants for Water and Health.

Latinx and the Environment (L&E) has expanded to new UC campuses including UC Riverside, UC Davis, and UC Merced. At UC Riverside, a 4-year Latinx in agriculture grant has supported students to engage in research, mentoring, and related activities that enhance their academic careers; UC Davis has implemented their first L&E undergraduate seminar, modeled after the UC Berkeley successful format.

At the 2025 Spring L&E Conference at UC Berkeley, UC students, policy makers, and community-based organizations presented research findings and participated in panel discussions. The UC Berekeley "UC-Mexico Farm Labor Research Cluster" and the UC-Mexico Binational Agriculture Working Group are underway as spaces to grow Planetary Health's footprint in Latin America, particularly Mexico.

Additionally, working across 17 countries in Africa and Southeast Asia, the CPH and collaborators have wrapped up the One Health Workforce-Next Generation Project, a $60M 6-year award from USAID. This explainer video highlights the strategy of having locally-nimble country teams that are connected to regional university networks and linked to global partners around the world. Over 64,000 people have been trained over the past six years, even amidst a global pandemic. Despite the loss of final funding for this project, the program is facilitating open access of all of its educational materials.

UCGHI Center for Gender and Health Justice

Over the 2024–2025 fiscal year, the UCGHI Center for Gender and Health Justice (CGHJ) has continued to advance its mission of reducing gender and health inequities through a range of innovative programs, interdisciplinary research, and community-engaged education.

UCGHI's Center for Gender and Health Justice supported and trained a growing cohort of emerging public health leaders across the UC system. This year's summer Internship Opportunities Program included stipends for seven UC interns from low-income backgrounds; however, CGHJ's broader mentorship efforts expanded to over 30 student mentees and interns from UCLA, UC Berkeley, UC Davis, UC San Diego, and UC Irvine. These students were placed at academic, nonprofit, and international partner sites. Their work spanned key areas of public health, including HIV prevention, reproductive health, digital health, and community engagement.

These efforts reflect a deep commitment to inclusive training and mentorship, not only through formal internships but also through ongoing faculty-led mentoring relationships. Several interns advanced to graduate studies or academic appointments, highlighting CGHJ's role in cultivating the next generation of public health leaders.

CGHJ also advanced its National Institutes of Health (NIH)-funded R25 Training Program, which will develop four online courses focused on HIV and gender-based violence, sexual and reproductive health, digital and mobile health innovations, and community-engaged research. These courses will be designed for domestic and international learners, reinforcing CGHJ's commitment to expanding public health training.

The R25 program will include the Gender and Health Justice Fellowship, which will train 40 fellows across two cohorts—including UC undergraduates, graduate students, and California community health workers. This fellowship expands access to specialized training for emerging public health professionals from diverse educational and socioeconomic backgrounds. Together, these initiatives illustrate CGHJ's integrated model of mentorship, research, and training—all rooted in equity and justice—to build a skilled, socially conscious, and globally engaged public health workforce.

UCGHI Center for Health Workforce Equity

The UCSF HEAL (Health, Equity, Action, and Leadership) Initiative connects, trains, and mentors healthcare professionals committed to serving resource-denied communities, reducing burnout, improving care delivery, and laying the foundation for lasting improvements to global health workforce capacity.

Over the past decade, HEAL has refined its approach through long-term partnerships and feedback from Fellows and alumni, resulting in powerful outcomes including: **2 out of 3** Fellows were retained in regions with historically high turnover rates and **90%** of Fellows reported transformative shifts in how they serve their communities after completing the program.

This year, HEAL significantly expanded its reach, strengthening and expanding the global health workforce through community-rooted programs.

In September, HEAL launched the Indigenous-led Southwest Leadership Program, supporting nurses serving Navajo Nation and surrounding communities through informed leadership training, peer support, and sustained mentorship. In April, in partnership with Malawi alumni, Partners In Health, and the local government, HEAL launched the Malawi Leadership Cohort to invest in local clinical leaders driving system-wide improvements.

By July, HEAL welcomed the inaugural class of California HEAL Fellows, healthcare workers championing health equity through interdisciplinary collaboration and community-led engagement in underserved areas across the state.

This past year alone, HEAL invested in 64 healthcare professionals working in resource-denied communities globally, equipping them not only to provide excellent care but also to become long-term advocates and leaders in transforming health systems.

As HEAL grows, one thing remains constant: commitment to strengthening a global health workforce that reflects the resilient communities it serves.

UCGHI Global Health Education

UCGHI's Global Health Education (UCGHI GHE) program plays a vital role in building the foundation of global health concepts for learners. Through cross-campus courses, the program actively engages students and faculty across all ten UC campuses and collaborates with international institutions to offer competency-based global health education.

Increased student enrollment for UCGHI's UC Online global health courses: For the 2024-2025 academic year, 1,805 UC students enrolled in UCGHI's global health online courses, the highest enrollment since the creation of the suite of courses over a decade ago. UCGHI taught 11,000 UC students over the past 11 years and plans to maintain and refine existing UC Online courses.

Expanding access to global health curriculum through UC collaboration: With UCGHI's support and advocacy, UC Irvine and UC Riverside expanded their global health offerings in the 2024-25 academic year. Additionally, UC Santa Barbara has planned the launch of new offerings. UC Irvine launched an MPH with a Global Health Concentration, and UC Riverside introduced a Global & Community Health major and minor.

Following UCGHI's support and advocacy during a site visit, UC Santa Barbara began developing the Health Justice & Community program. At UC Santa Cruz, the Global & Community Health program grew from 0 students in Fall 2022 to 500 by the end of the 2024-25 academic year, demonstrating strong student interest and UCGHI's commitment to supporting global health education.

Strengthening stakeholder engagement with UC Online: To foster student engagement and increase access to global health education, UCGHI GHE has actively cultivated relationships with UC Online leadership. These discussions have catalyzed the exploration of a UC-wide Global Health Certificate program, leveraging UCGHI's online courses. By building trust and aligning educational goals with stakeholders, UCGHI is positioning its programs to reach a wider community of learners both within the UC system and beyond. (continued on next page)

Global Health Education (cont.)

Implementation of the One Health Workforce Academy: The early 2025 abrupt termination in U.S. Agency for International Development support ended the capstone phase of this UC Davis-led collaboration with UC Berkeley, UC Irvine, Africa One Health University Network, and Southeast Asia One Health University Network. A key outcome remains the establishment of the One Health Workforce Academy (OHWA), which provides supplementary training opportunities across all One Health domains including 16 online courses. In partnership with UC Online, we launched the "Bending the Curve" climate change course on the OHWA platform. With over 5,000 learners enrolled globally, this initiative expands UCGHI GHE's global reach and offers potential for future revenue generation.

Developing global health education framework on a global scale: In 2022, UCGHI endorsed the World Health Organization's Health Workforce Office roadmap for national workforce capacity to implement essential public health functions in response to the COVID-19 pandemic as well as ongoing and future challenges. The UCGHI GHE Director served on the WHO technical advisory committee that in collaboration with partner organizations developed the now-published global competency and outcomes framework, which is being disseminated widely to guide global health education on a global scale.

UCGHI Student Ambassador Program

The UCGHI Student Ambassador Program is a systemwide virtual leadership and learning program that cultivates the next generation of the global health workforce and provides professional growth opportunities to current University of California students from various disciplines ranging from global/public health, human biology, neuroscience, and more.

The opportunity is open to students (undergraduate, graduate, professional, medical, nursing, law, etc.) from across the 10 UC campuses, UC College of the Law, San Francisco, and partnering Charles R. Drew University (HBCU). To date, UCGHI and its Centers have over 450 UCGHI student ambassador alumni across UC and CDU.

2024-2025 UCGHI Student Ambassadors: This application cycle was particularly competitive with strong interest from new applicants and many first-year students. In September 2024, the program welcomed its sixth cohort with 53 students from 10 UC campuses. Additionally, UCGHI appointed four Lead Student Ambassadors, a special leadership opportunity for returning UCGHI Student Ambassadors to support program coordination: Baljot Chahal (UCI), Paola Mendoza (UCI), Kaylin Tran (UCI), and Uditi Desai (UCR).

Global Health Curriculum: UCGHI Student Ambassadors participated in monthly webinars hosted by UCGHI's local and global health partners focusing on a range of global health topics, including environmental health, water quality and access, global mental health, maternal and neonatal morbidity and mortality, global migration and immigrant health, among other relevant topics. Student Ambassadors heard from the UCGHI Executive Committee Co-Vice Chair Eric Goosby, MD and learned insights from the field of global health regarding the current state of the United States President's Emergency Plan for HIV/AIDS Relief (PEPFAR) and global HIV/AIDS care. They also participated in a professional development workshop which offered valuable insights into conflict mediation and consensus building in global health. Additionally, UCGHI Student Ambassadors expanded their networks by connecting with each other and UCGHI-affiliated faculty on their campus via in-person meet ups across all 10 UC campuses. (continued on next page)

Student Ambassador Program (cont.)

This year, the UCGHI Student Ambassador Program final group project was a UC Global Health Resource Audit – a comprehensive mapping of the global health learning opportunities, research, programs, and infrastructure available at their respective UC campuses. UCGHI Student Ambassadors contributed to a lasting resource that can be built upon to support future UC students, faculty, and staff navigate and learn about global health education, research, and engagement opportunities across the UC. Student Ambassadors presented their findings in a virtual UCGHI Student Ambassadors showcase with UCGHI Leadership, UCGHI Center and Program Directors and teams, and UCGHI Advisory Council members across the 10 UC campuses. All graduates of the UCGHI Student Ambassador program are part of a robust alumni network that will allow long-term access to global health opportunities aimed at cultivating the next generation of the global health workforce.
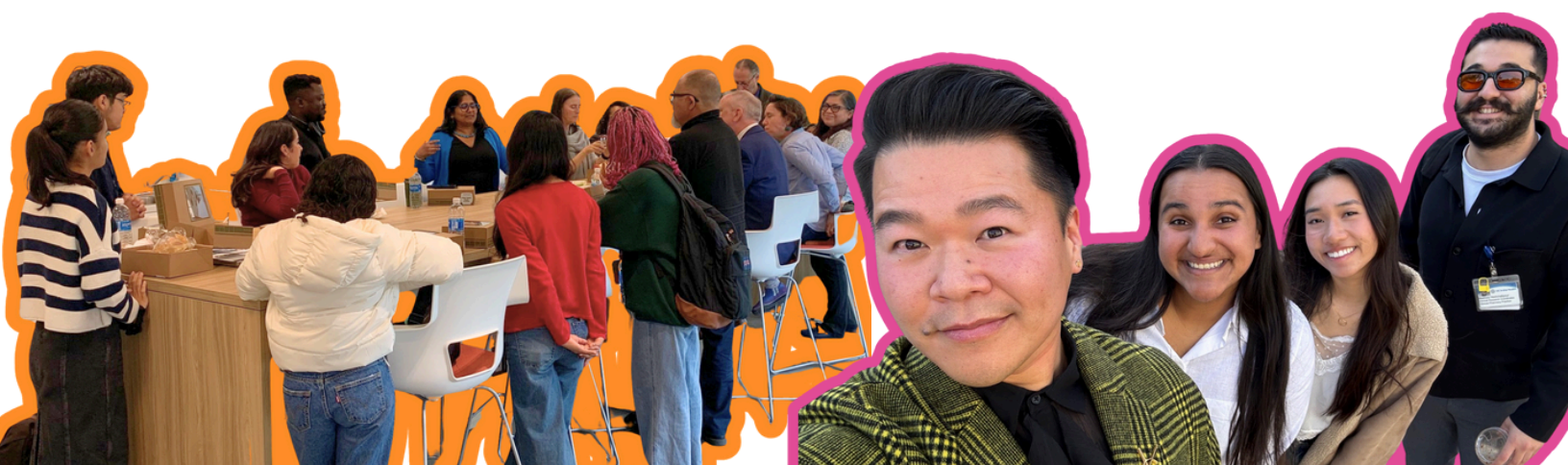
MEET THE 2024-2025 STUDENT AMBASSADORS!

"As a whole, my campus doesn't have many global health related programs, so UCGHI was a great way to **gain exposure to the field**. I'm really grateful that I now have **access to so many great faculty** members who I feel inspired by and know that I can seek guidance from. UCGHI really **inspired me to take action** and create spaces for global health on my own campus."

Sophia Zhu
Undergraduate Student, UCSB

"The webinars were interesting and easy to follow, making it a great way to **learn about important health topics**. The UCGHI Student Ambassadors Program is a great opportunity for students to have a **deeper understanding of global health**."

Kaia Chen
Undergraduate Student, UCM

UCGHI Summer Researchers in Global Health

The UCGHI Summer Researchers in Global Health is a paid six-week summer internship for rising high school seniors that introduces students to global health concepts and immerses them in hands-on global health research projects.
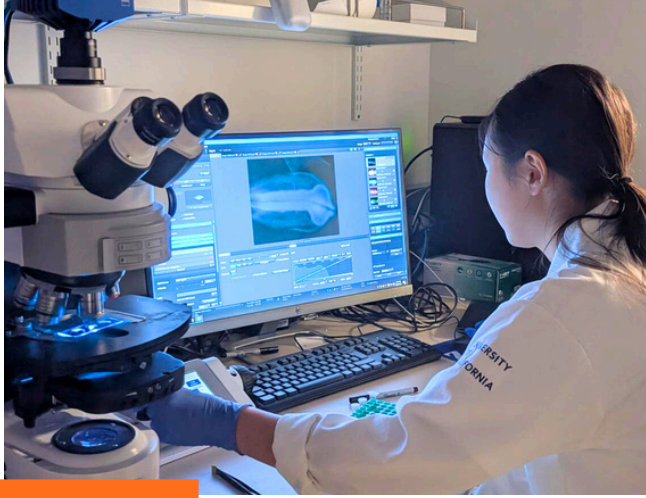
Since 2018, the UCSF Institute for Global Health Sciences hosted the Summer Researchers in Global Health Program for rising high school seniors in the San Francisco Bay Area. This summer, with the generous support of private donors and the UCSF Institute for Global Health Sciences, the UC Global Health Institute expanded this program as a multi-campus Northern California global health summer internship program for rising high school seniors throughout Northern California. Thirty-one interns received direct mentorship to complete research projects from more than 45 global health professionals across UC San Francisco, UC Berkeley, UC Davis, UC Santa Cruz, and UC Merced. Students also completed over 30 hours of curriculum focused on core topics in global health, research methods, manuscript analysis, geography, policy, mental health, climate, and professional development skills. The curriculum was led by a graduate student instructor with a degree in global health and included presentations from 12 guest speakers as well as the program directors.

Summer 2025 Multi-campus UCGHI Student Researcher Cohort: The UCGHI Summer Researchers in Global Health program received an unprecedented 171 highly-competitive applications from rising high school seniors across Northern California. Thirty-one exceptional interns were accepted into the program (35% from public high schools and 65% private high schools; at least 31% identifying as socio-economically disadvantaged) and matched with more than 45 mentors across the five UC campuses, including one UCSF Achieve Scholar.

Mentored Local and Global Health Student Projects: On July 17th, 2025, all 31 interns presented their mentored research projects at the UCGHI SRGH Final Showcase in front of more than 125 family members and friends, high school teachers and counselors, mentors, and UCGHI colleagues on a wide range of projects.

UCGHI Summer Researchers in Global Health (cont.)

> "I've been interested in pursuing a career related to global health and this internship has given me a **heads-on experience** of what working in this field may be like. As a first-generation college student, this opportunity means even more to me. I'm grateful for the **academic and professional skills** my mentors and this internship has taught me."
>
> **Sophia Guan**
> 2025 UCGHI SRGH Intern, UCSF

Examples of Projects:

- Education Pathways, Workforce Opportunities and Health-Related Careers in Farmworker Communities in California *(UC Santa Cruz)*
- Community Engagement Alliance for Asian American, Native Hawaiian, and Pacific Islander Mental Health in the San Joaquin Valley *(UC Merced)*
- Versa Assistant: A Grant Finder for UCSF Researchers *(UCSF)*
- Microtubule Modifications During Early Vertebrate Development *(UC Davis)*
- Child Marriage as a Local and Global Health Issue *(UC Berkeley)*

➡ VISIT OUR WEBSITE TO SEE MORE!

Forward Thinking: Applications for the 2026 UCGHI Summer Researchers in Global Health internship program will launch in early 2026 pending funding. In the next iteration of the program, UCGHI strives to expand this unique high school summer internship program in size and across the 10 UC campuses. We continue to be committed to cultivating the next generation of global health leaders and innovators working to advance local and global health in our communities locally in California and globally.

UCGHI GloCal Health Fellowship

Since 2012, the UCGHI GloCal Health Fellowship, supported by the National Institutes of Health's Fogarty International Center, has helped launch careers of 193 fellows across the UC system and at low- and middle-income countries (LMIC) partner institutions.

During their 12-month Fellowships, trainees receive interdisciplinary education and training in global health and a mentored research experience that fosters scientific and career development to advance global health research. Additionally, the GloCal Health Fellowship aims to develop research capacity at the LMIC partner institutions and strengthen a sustainable model of collaboration between UC and these partners.

During the 2024–25 academic year, GloCal has supported a group of 16 trainees consisting of five U.S. postdoctoral Fellows, two general surgery residents, one U.S. doctoral student, and 8 LMIC postdocs, including trainees from Ecuador, Mozambique, Tanzania, Uganda, and India. The Fellows represent a wide variety of disciplines, such as social welfare, community research and development, geography, engineering, epidemiology and biostatistics, microbiology, veterinary medicine, nephrology, neurology, surgery, pediatrics, and nursing.

→ **MEET THE 2024-2025 GLOCAL FELLOWS!**

Other highlights include:

- A Brain Health workshop held in Lima, Peru, in partnership with the UCSF Global Brain Health Institute, which brought together GloCal Fellows and faculty mentors conducting brain health in the region, and local, national, and international guests from medical, government, communications, lived experience, and other community-serving sectors;
- A Southern Africa regional scientific workshop hosted by South African partner Desmond Tutu Health Foundation, convening GloCal and other Fogarty LAUNCH trainees who have conducted research in the Southern Africa region during the past few years;
- The third year of the certificate program in global health research, accredited by Peruvian partner Universidad Peruana Cayetano Heredia (UPCH), incorporating an online seminar series for Fellows given by faculty from UPCH and other GloCal partner LMIC sites;
- Launch of an outreach campaign to enhance awareness of the GloCal program across the 10 UC campuses, with a special focus on UC Santa Cruz, UC Santa Barbara, UC Irvine, UC Riverside, and UC Merced.

Fellowship in Sustainable Development for HIV Health (SD4H)

The Sustainable Development for HIV Health (SD4H) Fellowship is a career development fellowship sponsored by the National Institutes of Health (NIH) Fogarty International Center (FIC) and co-funded by the National Institutes of Mental Health.

The Fellowship provides aspiring researchers at Maseno University in Western Kenya with outstanding education, mentorship, and training in research at the intersection between sustainable development and health by faculty from Maseno University, Kenya Medical Research Institute (KEMRI) and UCGHI. The Fellowship includes five doctoral, four master's, and two post-doctoral SD4H Fellows. The two post-doctoral Fellows are each supporting an additional doctoral student with support from SD4H.

The Fellowship received a supplement to conduct a hybrid Designing Clinical Research (DCR) course at Maseno University, adapted from a long-standing course at UCSF. Course content included overarching concepts in research design and essential vocabulary for designing and interpreting clinical research, and application of the course material to develop a research protocol. The course was completed in April, and two of the course participants, Festus Sang and Jackton Onyango, were selected for a $5,000 award to conduct their proposed research projects.

In the final year of the Fellowship, all five doctoral, four master's, and two post-doctoral SD4H Fellows have either completed data collection or are conducting their research. This past year, the SD4H Fellowship continued its monthly virtual seminar, which features guest lectures by Maseno University, KEMRI, UCGHI faculty, and Kenyan SD4H researchers.

Elly Weke, the diversity scholar, returned to Kenya in December after studying at UCSF and UC Davis for six months. He is managing the Mama Shamba and Vijana Shamba studies, and he will nest his doctoral dissertation research within these studies. This approach has proven to be a major step towards the transdisciplinary training goal of the SD4H Program. Jackie Odhiambo, one of the doctoral Fellows supported by SD4H, is also conducting her research supported under another supplement focused on HIV and Aging. Her research is on the connection between aging and widowhood stigma affecting people living with HIV. She plans to use this research to develop interventions that could be tested in a follow-up study to address intersectional stigma among widowed women aging with HIV.

In collaboration with UC Press, in 2020 UCGHI launched a new open-access, peer-reviewed online research journal called <u>Advances in Global Health</u>. The journal focuses on advancing health through disseminating knowledge. We do this by primarily publishing transdisciplinary research conducted by early-career researchers from the U.S. and low- and middle-income countries (LMIC).

The Journal publishes research in the field of global health by aligning with the United Nations Sustainable Development Goals 1 & 2 (ending poverty and hunger), 3 (good health and well-being), 5 (gender equity), and 13–15 (planetary health). Four of five members of the editorial board are leading scientists from LMIC. By late 2025, the Journal is anticipated to be listed by the National Library of Medicine, i.e. PubMed.

The Journal continues to be promoted among early career investigators, including students, across the University of California. Journal processing fees are significantly reduced for LMIC investigator-led publications, and free for anyone affiliated with the University of California. Furthermore, the Editorial Board is open to considering "special collections" based on themes in alignment with the journal's core mission and values.

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Consortium of Universities for Global Health Conference

2025 | ATLANTA, GA

UCGHI was well-represented throughout the Consortium of Universities for Global Health (CUGH) 2025 conference in Atlanta, Georgia, "Innovating and Implementing in Global Health for a Sustainable Future." UCGHI colleagues contributed to the ongoing discussions about transformative and sustainable solutions for global health in the current landscape and will continue to stay engaged and connected with CUGH in preparation for the next CUGH conference in Washington, DC in 2026. Highlights of CUGH 2025 include:
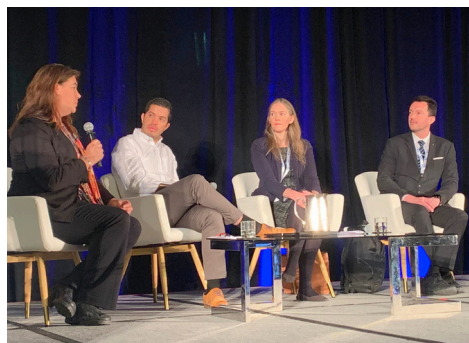
- **Global Health Education**
  - UCGHI faculty co-hosted pre-conference workshops:
    - Bringing CUGH Resources to Life: Pedagogies & Curricular Approaches Utilizing Educational Products and Competencies and
    - Evaluating Educational Trips in the Veterinary Medical Curriculum from Admissions to Graduation.
  - UCGHI Global Health Education Director, Oladele Ogunseitan, participated in the panel discussion, "Learning Objectives and Competencies for Global Health," where he shared resources such as the Global Health Competencies Toolkit which he co-developed. (continued on next page)

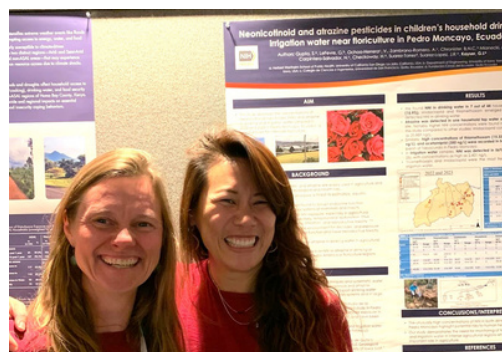# Consortium of Universities for Global Health Conference (cont.)

Planetary Health

UCGHI Center for Planetary Health Co-Director Woutrina Smith (UC Davis) moderated the plenary session, "Transformative Solutions for Planetary Health," with speakers Carlos Faerron Guzman (Planetary Health Alliance), Catherine Machalaba (Nature Conservancy), and Cedric Colmar (VetAgro Sup). The panelists explored bold strategies for achieving rapid, sustainable change across critical sectors. CPH Associate Director Federico Castillo (UC Berkeley) presented a poster presentation, "The socio-economic and health impacts of the joint occurrence of extreme heat and COVID-19 on migrant farmworkers in California's Central Valley."

UCGHI Center for Planetary Health Co-Director Samantha Ying (UC Riverside) presented her poster presentation on her research, "Manganese prevalence and persistence in California community water systems," and UCGHI Center for Planetary Health Associate Director Georgia Kayser (UC San Diego) presented, "Neonicothinoids and atrazine pesticides in children's household drinking and irrigation water near floriculture in Pedro Moncayo, Ecuador."

Water and Health Research

Training the Next Generation of Global Health Researchers

UCGHI GloCal Fellows, Regina Miambo, Damalie Nakanjako, Matchecane Cossa, Monica Diaz, and Karla Rascón-Garcia participated in CUGH 2025 and attended Karla Rascón-Garcia's presentation as the UCGHI GloCal Fellow Representative during the panel discussion titled, "Training the Next Generation of Global Health Researchers: The NIH-Fogarty Global Health Program for Fellows and Scholars/LAUNCH."

About the UC Global Health Institute

***2008
Chancellor Emeritus and UCGHI Director Emeritus Haile T. Debas, MD, conceived the idea of a cross-campus institute focused on global health and received $4 million in start-up funds from the Bill & Melinda Gates Foundation.

***2013
UCGHI received an additional $4 million from the Los Angeles-based Chan-Soon Shiong Foundation.

***2015
The UC Council of Chancellors pledged $1 million per year ($100,000 per campus) for five years to support UCGHI and provided core administrative and operational funding, as well as seed funding for core research and education initiatives.

***2017
Haile T. Debas, MD, stepped down as Director, and Thomas J. Coates, PhD (UCLA) was named as Director with Patricia Conrad, DVM, PhD (UC Davis) and Craig Cohen, MD, MPH (UCSF) named UCGHI Co-Directors.

***2019
Sun Yu Cotter, MPH was named UCGHI Deputy Director.

***2020
UCGHI became part of the University of California Office of the President (UCOP) in the UC Health Division. UCGHI is grateful for the leadership of President Michael V. Drake, MD, Executive Vice President for UC Health, Carrie Byington, MD, and Vice President for Health Sciences, Cathryn L. Nation, MD.

***2021
Ndola Prata, MD, MSc (UC Berkeley) was named UCGHI Associate Director.

***2022
Madhavi Dandu, MD, MPH (UCSF) was named UCGHI Director. The HEAL Initiative was formally integrated into UCGHI.

***2015-2022
UCGHI has leveraged more than $135 million in funding from a range of sources. Funders include NIH, NSF, USAID, UCOP, Conservation International, Beneventures Foundation, Society of Family Planning, U.S. Department of the Interior, California Department of Public Health, the Bill & Melinda Gates Foundation, Lisa & Douglas Goldman Fund, private individuals, and others.

***2023
At UCOP, Deena Shin McRae, MD was named Associate Vice President of Academic Health Sciences, and David Rubin, MD, MSCE was named Executive Vice President of UC Health. UCGHI formally launched a new strategic planning process to define the next stage of the Institute.

***CURRENT
UCGHI continues to support solutions that advance local and global health so our people and planet thrive. We remain committed to cultivating the next generation of global health leaders and expanding partnerships across the UC and beyond.

Our People - UC Global Health Institute

EXECUTIVE COMMITTEE

left to right, by row

MADHAVI DANDU, MD, MPH
(UCGHI Director; Professor of Medicine, Division of Hospital Medicine, UC San Francisco)

NDOLA PRATA, MD, MSC
(UCGHI Associate Director; Professor In-Residence, Maternal, Child, and Adolescent Health, UC Berkeley; Director, Bixby Center for Population, Health and Sustainability)

LARA STEMPLE, JD
(Co-Vice Chair, UCGHI Executive Committee; Assistant Dean, Graduate Studies and International Student Programs, UCLA School of Law; Director, Southern California Legal Alliance for Reproductive Justice)

ERIC GOOSBY, MD
(Co-Vice Chair, UCGHI Executive Committee; Professor of Medicine, UC San Francisco)

DEENA SHIN MCRAE, MD
(Chair, UCGHI Executive Committee; Associate Vice President of Academic Health Sciences in University of California Health Division, UC Office of the President)

SUN YU COTTER, MPH
(UCGHI Deputy Director, UC Office of the President)

Our People - UC Global Health Institute

ADVISORY COUNCIL MEMBERS

left to right, by row

ROBINSON MDEGELA, BVM, MVSC, PHD
(Professor of Fish Medicine and Aquatic Toxicology, Sokoine University of Agriculture)

GRECIA GARCIA
(Undergraduate Student in Public Health and Latine/Chicane Studies, UC Berkeley)

ISABEL MADZORERA, SCD, MS
(Assistant Professor in Food, Nutrition and Population Health, UC Berkeley)

DALIA MAGAÑA, PHD
(Associate Professor of Spanish Linguistics, UC Merced)

LATIFFAH HASSAN, DVM, PHD
(Professor in the Department of Public Health, University of Missouri and Professor of Veterinary Public Health Epidemiology, Universiti Putra Malaysia)

MARK STETTER, DVM
(Dean of the School of Veterinary Medicine, UC Davis)

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(Professor of Health Policy and Management, UCLA)

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(Assistant Professor of Molecular, Cell, & Developmental Biology, UC Santa Cruz)

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(Assistant Professor of Veterinary Medicine, Pontifical Catholic University of Chile)

KAYLA KAUFFMAN, MS
(PhD Student in Ecology, Evolution, and Marine Biology, UC Santa Barbara)

Our People - UC Global Health Institute

LEADERSHIP & CORE TEAM

left to right, by row

MADHAVI DANDU, MD, MPH
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SUN YU COTTER, MPH
(UCGHI Deputy Director, UC Office of the President)

Thank You & Acknowledgements

We are grateful to our Founder and Director Emeritus, Haile T. Debas and his vision to create a UC-wide Global Health Institute. We thank Tom Coates for his leadership as Director Emeritus, Pat Conrad and Craig Cohen as previous Co-Directors. We thank Deena Shin McRae (Chair), Lara Stemple (co-Vice Chair), and Eric Goosby (co-Vice Chair) for their leadership on the UCGHI Executive Committee. Thank you to our former UCGHI Advisory Council members representing UC Riverside, Bruce Link, UC Santa Barbara, Melissa Smith, and UC Berkeley, Brandi Summers and welcome our new UCGHI Advisory Council members representing UC Riverside, Jennifer Syvertsen, UC Santa Barbara, Laury Oaks, and UC Berkeley, Isabel Madzorera.

We thank the University of California Office of the President for continuously supporting UCGHI. We are especially grateful for the leadership of President Michael V. Drake, UC Health Executive Vice President David Rubin, UC Health Associate Vice President for Academic Health Sciences Deena Shin McRae, Zoanne Nelson, and Eileen Foster. We also thank Juri Firth, Julia Chen, Lalitha Sankaran, Anne-Marie Ferruzzi, Dennis Mciver, Lisa Badovinac, Amanda Berry, Heather Harper, Elizabeth Wells, Oscar Lara and the Academic Health Sciences Team. We thank all of the UC Chancellors for their ongoing support through initial funding and appointment of the UCGHI Advisory Council. We thank our colleagues across the University of California: Ryan Tom, Robert Mansfield, Matt Greenway, Carolyn Forlee, Hala Douglas, Lauren Baker, and Angel Tsou-Krall. Additionally, we thank our colleagues at UC Santa Barbara and UC Merced who helped coordinate successful UC campus site visits Chancellor Yang of UC Santa Barbara, Laury Oaks, Lisa Park, Charles Hale, Chancellor Muñoz of UC Merced, Molly Elazier, Trevor Hirst, Dalia Magaña and Nancy Burke. We are grateful to all of our new connections at UCSB and UCM.

We thank our writers, Elizabeth Doerr, Laila Soudi, and Guananí Gomez-Van Cortright. Additionally, we would not have been able to launch our new UCGHI website without the expertise of Uttam Mogilicherla and his team at Mpire Solutions, including Uzma Abdul Rasheed. Thank you to Ken Lumnaokrut, Brian McNeilly, Gerlando Termini and the rest of the UCOP ITS team for their support in the launch of our new website.

We express our gratitude to the generous private donors and the UCSF Institute for Global Health Sciences for funding UCGHI to launch the multicampus Northern California UCGHI Summer Researchers in Global Health Program for rising high school Seniors. We greatly appreciate all of our faculty, staff, and graduate student mentors across UCSF, UC Berkeley, UC Davis, UC Santa Cruz, and UC Merced. We thank UCGHI Summer Researchers in Global Health team members Chris Cotter and Olamide Sanuth for making the UCGHI Summer Researchers in Global Health program happen. We thank our colleagues at UCSF for supporting the UCGHI SRGH Program: Payam Nahid, Andrea DeLuca, Nicole Hobbs, Kathy Khehra, Inez Bailey, Melanie Chua, and Tammy Spath.

We thank the UCGHI Student Ambassadors, UCGHI SRGH interns, UCGHI Advisory Council members, UCGHI Program Directors and Center leadership and staff, and the entire local and global UCGHI community for supporting the Institute on our journey.

Photo Captions and Credits

COVER
Photo credit: UC Agriculture and Natural Resources at UC Santa Cruz

PAGE 4
Headshot of UCGHI Director, Madhavi Dandu

PAGE 8
UC Merced Health Sciences Research Institute Executive Director, Trevor Hirst, with UCGHI Director, Madhavi Dandu, UCGHI Associate Director, Ndola Prata and UCGHI Deputy Director, Sun Yu Cotter

PAGE 9
Group photo of the 2024 cohort of Rx One Health Institute students.

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UCGHI Center for Gender and Health Justice member, Leah Koenig, UCGHI Student Ambassador Alumna, Kalani Phillips, and UCGHI CGHJ Associate Director, Ushma Upadhyay, presenting their research poster at the National Abortion Federation Conference.

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HEAL alumni reuniting to kick-off the Malawi Leadership Cohort in Neno, Malawi

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Photo credit: UC Riverside

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LEFT: Left to right: UCSF Professor and Chair of the UC System Senate, Steven Cheung; UC President James B. Milliken; Professor and Chair in Earth Sciences and Geology at UC Merced, Asmeret Asefaw Berhe, Falasco; and UC Irvine, Distinguished Professor and UCGHI Global Health Education Director, Oladele Ogunseitan
RIGHT: Oladele Ogunseitan at the Association of Schools and Programs of Public Health.

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UCLA UCGHI Student Ambassadors and UCLA UCGHI-affiliated Faculty at a networking dinner at UCLA

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LEFT: UCGHI Director, Madhavi Dandu, welcoming global health students and faculty at a networking lunch at UC Merced
RIGHT: UCGHI Center for Gender and Health Justice Co-Director, Sean Arayasirikul, with UC Irvine UCGHI Student Ambassadors.

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Group photo of all 31 UCGHI SRGH interns in front of Genentech Hall at UCSF Mission Bay

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TOP LEFT: UCGHI SRGH Intern Angie Gankhuyag exploring the role of tubulins in neural crest epithelial-tomesenchymal transition– a key process in early development
BOTTOM LEFT: UCGHI SRGH Intern Anushka Kabra presenting at the UCGHI SRGH Showcase.
BOTTOM RIGHT: UCGHI SRGH Assistant Director (Lammy Sanuth), Co-Director (Dr. Chris Cotter), and Program Director/UCGHI Director (Dr. Madhavi Dandu) with UCGHI SRGH Intern, Erick Soto Martinez (UCSC), during the Certificate Ceremony

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LEFT: GloCal, Mentor Nilton Custodio, with GloCal Fellow, Greg Brown, during his demonstration of his electroencephalography (EEG) device.
MIDDLE: GloCal Fellow, Kara Factor, performing pediatric surgery with colleagues in Mbarara, Uganda.
RIGHT: GloCal Fellow, Juan Juaregui, at a community site visit in Peru.

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Group photo from the Designing Clinical Research course at Maseno University

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Photo credit: Advances in Global Health and Canva Pro

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LEFT: UCGHI Global Health Education Director, Oladele Ogunseitan, presenting at CUGH 2025

RIGHT: Group photo of UCGHI Center for Planetary Health Directors, Samantha Ying, Federico Castillo, and Woutrina Smith with UCGHI Communications Specialist, Stephanie Sumstine-Felice, and UCGHI Deputy Director, Sun Yu Cotter

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TOP LEFT: UCGHI Center for Planetary Health Co-Director, Woutrina Smith, moderating a panel at CUGH 2025

MIDDLE RIGHT: UCGHI CPH Deputy Director, Georgia Kayser, with UCGHI CPH Co-Director, Samantha Ying

BOTTOM LEFT: UCGHI GloCal Fellows Regina Miambo, Damalie Nakanjako, Matchecane Cossa, Monica Diaz, and Karla Rascón-Garcia

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Photo credit: University of California

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LEFT: UCGHI SRGH Assistant Director, Lammy Sanuth, UCGHI SRGH Co-Director, Chris Cotter, UCGHI Director/UCGHI SRGH Program Director, UCGHI Communications Specialist, Stephanie Sumstine-Felice, UCGHI Deputy Director, Sun Yu Cotter, and UCGHI Program Analyst, Max Mattern

RIGHT: HEAL alumna, Veronica Aragon, caring for patients in a resource-denied region in California

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LEFT: UCGHI GloCal Deputy Director, Kimberly Bale, with GloCal fellows Daniel Vladimir Eid Rodriguez,Sánchez Fernández, Greg Brown, Monica Diaz, and Sumanth Reddy in Peru

RIGHT: UC Merced Assistant Professor, Arturo Durazo, Chancellor, UCGHI Center for Gender and Health Justice Associate Director, Dallas Swendeman, UCM Health Sciences Research Institute Executive Director, Trevor Hirst, UCGHI Associate Director, Ndola Prata, UCGHI Director, Madhavi Dandu, UCGHI UC Merced Advisory Council member, Dalia Magana, and UCGHI Deputy Director, Sun Yu Cotter

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