UC Global Health Institute
Annual Report

2021–2022

UNIVERSITY OF CALIFORNIA

Global Health Institute

Contents

Director's Message

I am proud to have served the past 12 years for UCGHI, first as Co-Director under our founder, Dr. Haile Debas, from 2010 to 2016 and then as Director from 2016 to 2022. This was a labor of love and the opportunity of a lifetime to work on local and global health issues about which I am passionate. I am also proud to have worked at the University of California (UC) for the past 40 years and I am especially proud that the UC has embraced global health as one of its core missions.

We have accomplished so much during my time at UCGHI. In particular, UCGHI is now fully integrated into the mission and fabric of the University of California system. The website for the University of California Health Division reads: "We are six academic health centers, 20 health professional schools, four children's hospital campuses and a Global Health Institute. We are all of these and more. We invite you to see how we deliver exceptional care, train the health professionals of tomorrow and accelerate the pace of scientific discovery. Our goal is to make a meaningful impact on your life."

UCGHI's efforts to make a meaningful impact locally and globally is propelled by the vision that improved health for everyone in the world is possible and essential. How well and how long one lives should not depend on where they live, the color of their skin, or how much money they make. One important vehicle that UCGHI uses to achieve this vision is innovation instigated by diversity. We know that diversity improves outcomes and spurs innovation. UCGHI achieves that by facilitating and supporting multi-campus and multidisciplinary collaboration within the University of California (UC), the leading public institution of higher education in the world. UCGHI marshals the diverse talents of UC to address today's important global health issues.

UCGHI infuses the principles of diversity, equity, inclusion and belonging through all its projects and activities. Key to UCGHI's mission is decolonizing global health which means developing relationships with institutions and colleagues in low- and middle-income (LMIC) countries that are truly collaborative, always with our LMIC partners taking the lead. UCGHI's global health efforts include the work that is necessary to do at home because California is part of the world with similar problems as many LMICs.

UCGHI also recognizes that the best things we can do is launch the next generation of diverse global health leaders. Global health problems are going to require long-term solutions. Not only has UCGHI developed solid global health educational programs at the undergraduate, graduate, professional and junior faculty levels, we also provide paid global health opportunities for learners. I am also thrilled to announce our new partnership with the HEAL Initiative, which has 179 fellows and alumni from 19 sites across 9 countries and Navajo Nation, and is the largest transnational global health fellowship in the country, and one of the only majority BIPOC programs.

The best part of this job is the people that I have had the privilege of meeting and working with because they care about the principles and values that are necessary to advance global health. UCGHI provides the environment and platform for talented people across the UC system and beyond with incredible vision to create novel solutions and inspire those we work with now and in the future.

I am eagerly looking forward to the next chapter in my life. I move to Director Emeritus with the knowledge and confidence that UCGHI will ultimately fulfill its vision, and make an even bigger impact. Thank you for this opportunity to serve.

Tom Coates, PhD
UCGHI Director
Distinguished Research Professor of Medicine; UCLA David Geffen School of Medicine

UCGHI advances global health research, education and collaboration by

Solving complex global health problems

Empower Campuses for Sexual Respect and Safety

#TimesUp

The UCGHI **Center for Gender & Health Justice** (formerly known as Women's Health, Gender and Empowerment Center of Expertise) works with UC campuses and with partners in South Africa, Kenya and Zambia to develop programs and policies to eliminate sexual violence.
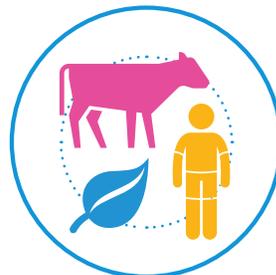
One Health Workforce as a Global Capacity Building Approach

The UCGHI **Planetary Health Center of Expertise** connects the UC campuses, state agencies, and international partners across Africa, Southeast Asia, and Latin America to address problems facing our populations and our planet.

Stimulating strong global health programs on every campus

UCGHI links students across the entire UC system in innovative ways: **Ambassadorships** (250 Student Ambassador alumni across UC and including Charles R. Drew University), **advocacy programs** (40 Student Advocacy alumni), **fellowships, research experience and more**.

Training future leaders and growing UC faculty

148 GLOCAL TRAINEES **20** COUNTRIES

**28** OF 64 U.S. GLOCAL ALUMNI IN FACULTY POSITIONS, **16 AT UC**

GloCal provides year-long mentored research experiences with our **21 LMIC partners**. The program is for U.S. and LMIC partner postdocs as well as doctoral and professional students at UC. Support is provided by the NIH and core funding from UCGHI.

Diversifying global health

The UCGHI **Black Lives Matter Task Force** is comprised of faculty, staff, and student representation across UC and engages in discussions and highlights areas that need further attention in diversity, equity and inclusion and anti-racism at UCGHI.

Leveraging Chancellors' funds
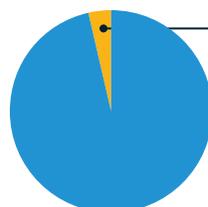
$5M

RECEIVED FROM UC COUNCIL OF CHANCELLORS

RAISED BY UCGHI SINCE 2015

UCGHI **leveraged $135M additional funds** from the 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, the Lisa & Douglas Goldman Fund, private individuals and others.

Bringing global health education to all UC campuses

CERTIFICATE IN GLOBAL HEALTH

15 COURSES
Minor or Major in Global Health

5,000 STUDENTS
Including International Enrollment

12 COURSES

3,000 STUDENTS

2,500 STUDENTS

5 COURSES

900 STUDENTS

2015   2017   2019   2021   2023
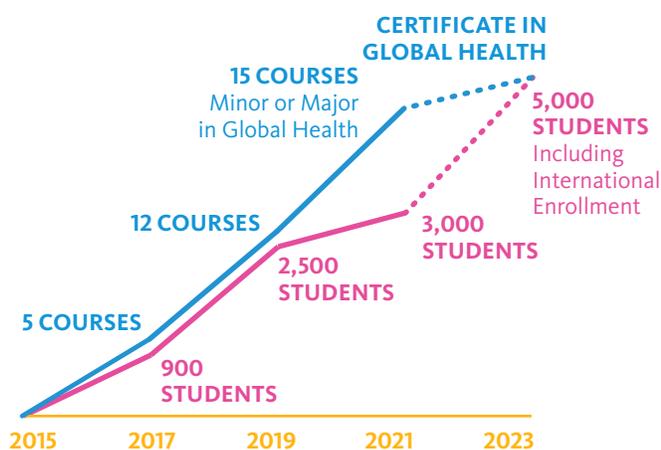
UCGHI supports all campuses in offering Global Health Minors and Majors. UCGHI leads the way in creating and delivering an unprecedented **suite of online global health courses** to supplement campuses' offerings as well as a Global Health Certificate program.

Reaching across borders— UC Global Health Day 2022 was attended in 42 countries
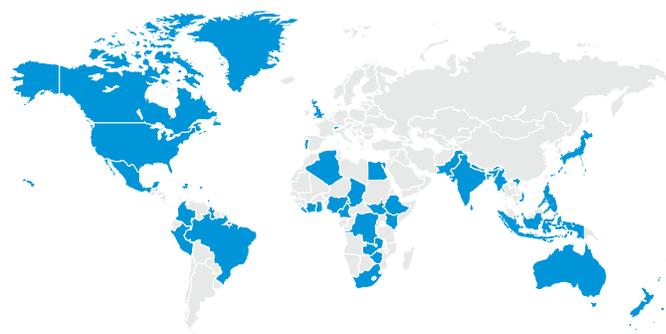
Participation for UCGHD 2022:
10 UC campuses, **26** US states, **42** countries (above)

Since 2010, UCGHI has hosted nine UCGHDs at **7** UC campuses (2 virtual) and has reached **2,206** participants in-person, **1,447** virtually, and more than **4,200** total registrants across **54** countries.
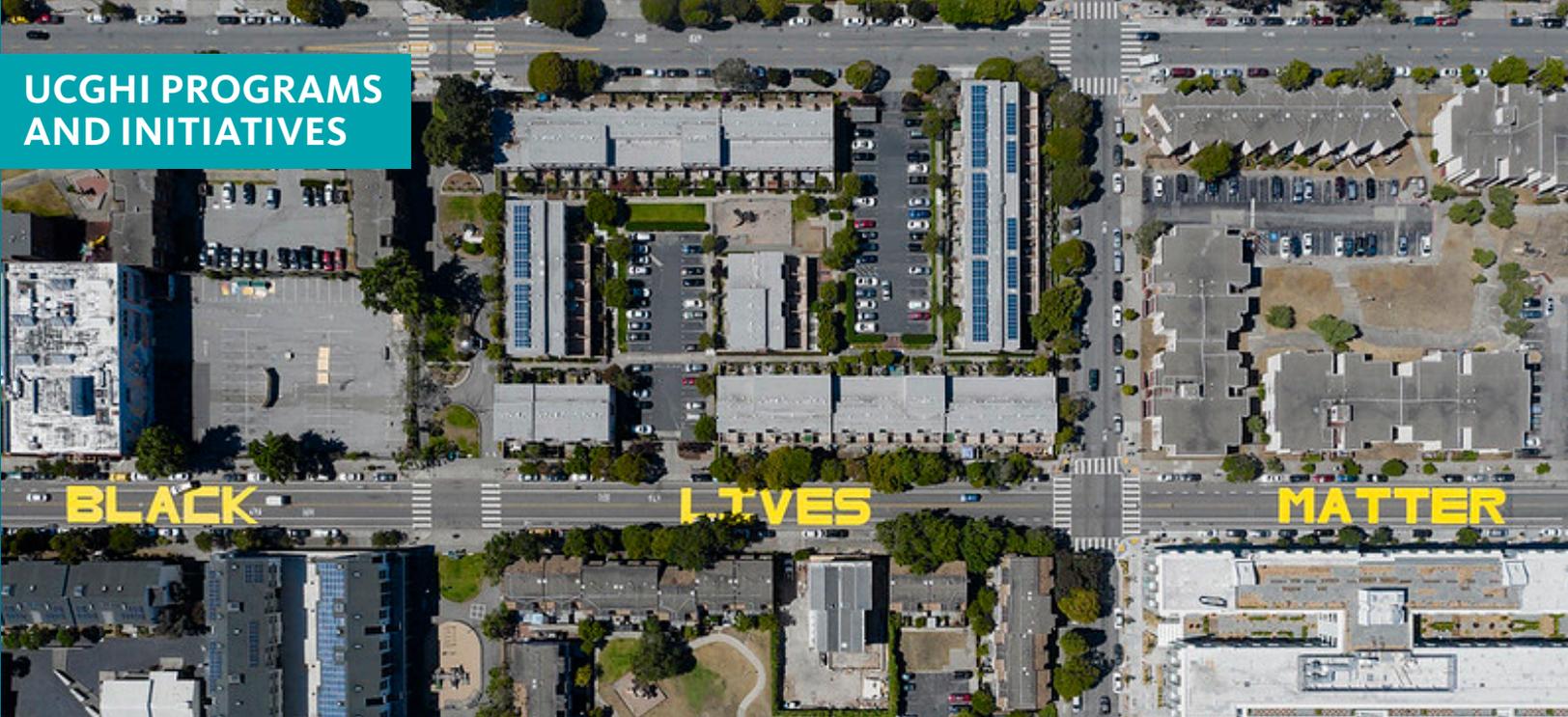
UCGHI Black Lives Matter Task Force

The Black Lives Matter (BLM) movement catalyzed UCGHI directly in diversity, equity, and inclusion (DEI) work. This requires us to reflect on how we've supported systemic racism, unlearn approaches rooted in those systems, learn about justice-oriented models, explore what we can do differently, and take tangible action to address past harms and create justice-focused anti-racist frameworks as individuals and as an organization. In 2020, UCGHI launched the UCGHI Black Lives Matter Task Force in response to the murder of George Floyd and the BLM activism that followed and continues today. The Task Force is comprised of sixteen predominately Black and Indigenous People of Color (BIPOC) faculty, staff, and students from eight UC campuses. The UCGHI BLM Task Force works in partnership with UCGHI Leadership and the UC Office of the President. The Task Force engages in discussions on DEI and anti-racism while highlighting areas that need further attention at UCGHI and across UC. In the past year, the BLM Task Force has:

- Provided guidance on the recruitment process for the new UCGHI Director to ensure justice, equity, diversity, and inclusion; several task force members served on the UCGHI Director Recruitment Advisory Committee led by Jonna Mazet (Chair) and Yvette Gullatt (Equity Advisor)

- Administered the annual UCGHI DEI survey for 2021, shared the findings with UCGHI Leadership, and published the 2021 DEI survey report on the UCGHI website

- Provided direction for the UC Global Health Day 2022 event: Centering Social Justice in Community Health—with several task force members serving on the planning committee

- Continued to foster an environment for all UCGHI programs to examine and better integrate DEI into their programs

- Served as a reliable resource for UCGHI Leadership, Programs/Centers of Expertise to better integrate justice, equity, diversity, and inclusion throughout the work

To close out the fiscal year, the Task Force presented UCGHI's 2021 DEI survey results to the UCGHI Board of Directors and Program Directors and engaged in sobering conversations with the intention to make more impactful changes toward tangible progress within the Institute. The Task Force members continue to be enthusiastic in their work in partnership with UCGHI Leadership and the UC Office of the President at the Institute and system-wide level.

UCGHI Black Lives Matter Task Force Members

1. BRIDGETTE SMITH, MPH
   PhD graduate student, UC Davis

2. LINDA SHIN
   UCGHI Program Coordinator, UCSF

3. GEREMY LOWE
   PhD Graduate Student, UCSF

4. USHMA UPADHYAY, PHD, MPH
   Associate Professor of Obstetrics, Gynecology and Reproductive Sciences; Director of Research, UCGHI Women's Health, Gender and Empowerment Center of Expertise, Co-Director, UCGHI Center for Gender & Health Justice ,UCSF

5. ROSHNI DESAI
   UCGHI Program Assistant, UCSF

6. KEMI AMIN, MBA
   UCGHI Communications Director, UCSF

7. STEPHANIE SUMSTINE-FELICE, MPH
   Project Director, UCLA Center for Community Health; Coordinator, UCGHI Women's Health, Gender and Empowerment Center of Expertise, UCLA

8. SUN YU COTTER, MPH
   UCGHI Deputy Director (Co-Chair), UCSF

9. ERIC GOOSBY, MD
   Professor of Clinical Medicine; Director, Institute for Global Health Sciences, Center for Global Health Delivery and Diplomacy, UCSF

10. FEDERICO CASTILLO, PHD
    Deputy Director, UCGHI Planetary Health Center of Expertise; Lecturer, UC Berkeley

11. DOUGLAS M. HAYNES, PHD
    Vice Chancellor for Equity, Diversity & Inclusion, UC Irvine

12. SAMANTHA YING, PHD
    Assistant Professor of Soil Biogeochemistry; Co-Director, UCGHI Planetary Health Center of Expertise, UC Riverside

13. MELISSA SMITH, MD
    Deputy Director of Education and Training, UCGHI Women's Health, Gender and Empowerment Center of Expertise; Director of Health Equity Initiatives, UC Santa Barbara

14. JERRY JOHN NUTOR, PHD, RN, MS
    Assistant Professor of Family Health Care Nursing, UCSF

15. JESSICA CROSBY
    UCGHI Communications & Program Coordinator, UCSF

16. TOM COATES, PHD
    UCGHI Director (Co-Chair); Professor Emeritus at the UCLA David Geffen School of Medicine, UCLA

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UC Global Health Day 2022
May 7 at UC Santa Cruz

Centering Social Justice in Community Health

UC Global Health Day is a University of California system-wide conference on global health that showcases the incredible research, training, and outreach taking place across the University of California system. These global health topics build upon the work of academics, researchers, early career professionals, students, and partners from around the world. This year's theme, Centering Social Justice in Community Health was an intentional continuation of the 2021 theme, Decolonizing Global Health to Advance Health Equity, to highlight how the global fight for social justice is interconnected with our local communities' fight for justice.

The 2022 UC Global Health Day—hosted by the UC Global Health Institute and the UCSC Institute for Social Transformation—was the first global health day event held in-person since 2018. Nearly 900 people around the world from 26 US states and 42 countries registered, 270 people attended in-person and 195 unique visitors attended the virtual event.

The conference kicked off with opening remarks delivered by UC Santa Cruz Chancellor Cynthia K. Larive, UC President Michael V. Drake, and UC Berkeley PhD student Alexii Sigona, an Amah Mutsen Tribal Member. The audience heard from five plenary speakers including Dr. Rupa Marya, Dr. Vandana Shiva, Dr. Ricky Bluthenthal, Dr. Adriann Begay and Dr. Christina Rivera Carpenter.

To showcase how the UC community's global health research aligns with the conference theme, Centering Social Justice in Community Health, several poster and breakout sessions delved deeper into the important work and allowed for one-on-one and small group connections around the topics. From the Call for Abstracts, 53 posters and 13 breakout sessions representing all 10 UC campuses were selected. The breakout sessions were mostly in-person and offered a smaller format for discussion. Three hybrid (online and in-person) and one fully online breakout session were made accessible to virtual attendees. The conference wrapped up with a live performance from Rupa & the April Fishes in the Quarry Amphitheater.

View the UCGHD 2022 recordings.
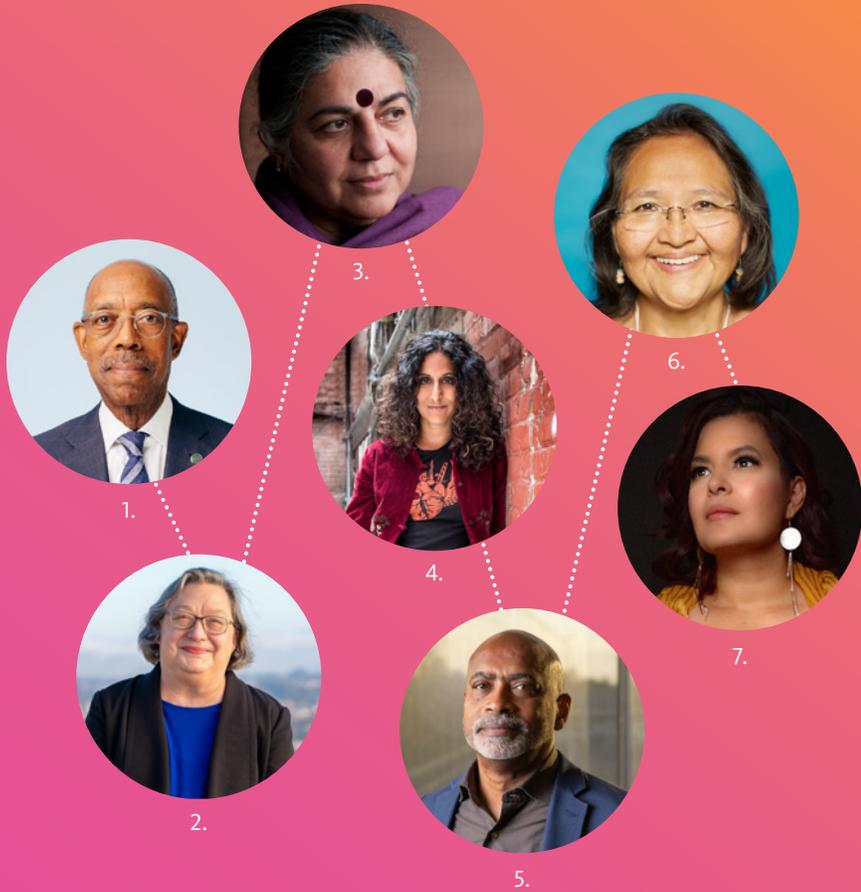
1. PRESIDENT MICHAEL V. DRAKE, MD
University of California

2. CHANCELLOR CYNTHIA K. LARIVE, PHD
University of California, Santa Cruz

3. VANDANA SHIVA, PHD
Leader, International Forum on
Globalization, Founder Navdanya

4. RUPA MARYA, MD
Associate Professor of Medicine, UCSF,
Founder, Executive Instigator, Deep
Medicine Circle

5. RICKY BLUTHENTHAL, PHD, MA
Professor and Vice Chair for DEI for
opulation & Public Health Sciences;
Associate Dean, Keck School of Medicine,
USC

6. ADRIANN BEGAY, MD
Navajo Nation Senior Advisor, HEAL
Initiative

7. CRISTINA RIVERA CARPENTER, PHD,
MSN, RN-BC
Navajo Nation Program Officer, HEAL
Initiative

"

The selection of speakers for the
conference was impeccable, and
I had a wonderful time. I left
the conference feeling really
inspired and passionate."

*– Staff, faculty or
researcher attendee*
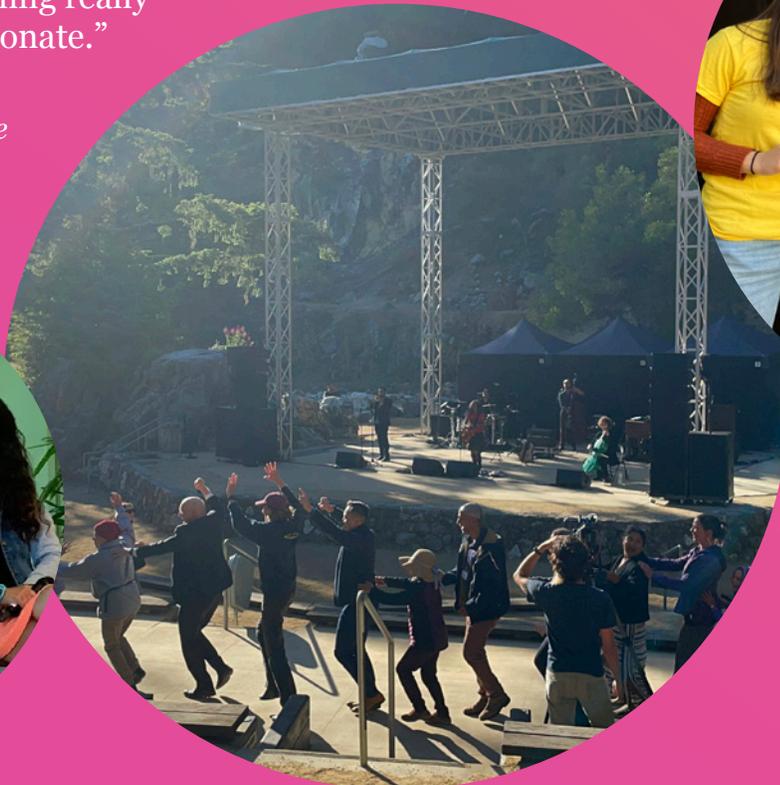
Advances in *Global Health* Journal

In collaboration with UC Press, UCGHI launched a new open-access, peer-reviewed online research journal called *Advances in Global Health*. The journal focuses on advancing health equity throughout the world and decolonizing and democratizing global health. We do this by primarily publishing transdisciplinary research conducted by researchers from low- and middle-income countries (LMICs) and creating more accessible pathways for publication. The Journal publishes research in the field of global health by aligning with the United Nations Sustainable Development Goals 1 (ending poverty), 2. (ending hunger), 3 (good health and well-being),

5 (gender equity) and 13–15 (planetary health). Two-thirds of the editorial board is comprised of leading scientists from low- and middle-income countries (LMIC).

During the past year Advances published its first articles and launched several new calls for papers, one coinciding with a planetary health conference in Santiago, Chile led by Dr. Fernando Mardones, the planetary health section editor. We continue to promote the Journal among early career investigators from LMICs and consequently have waived the article processing fee for all of 2022.
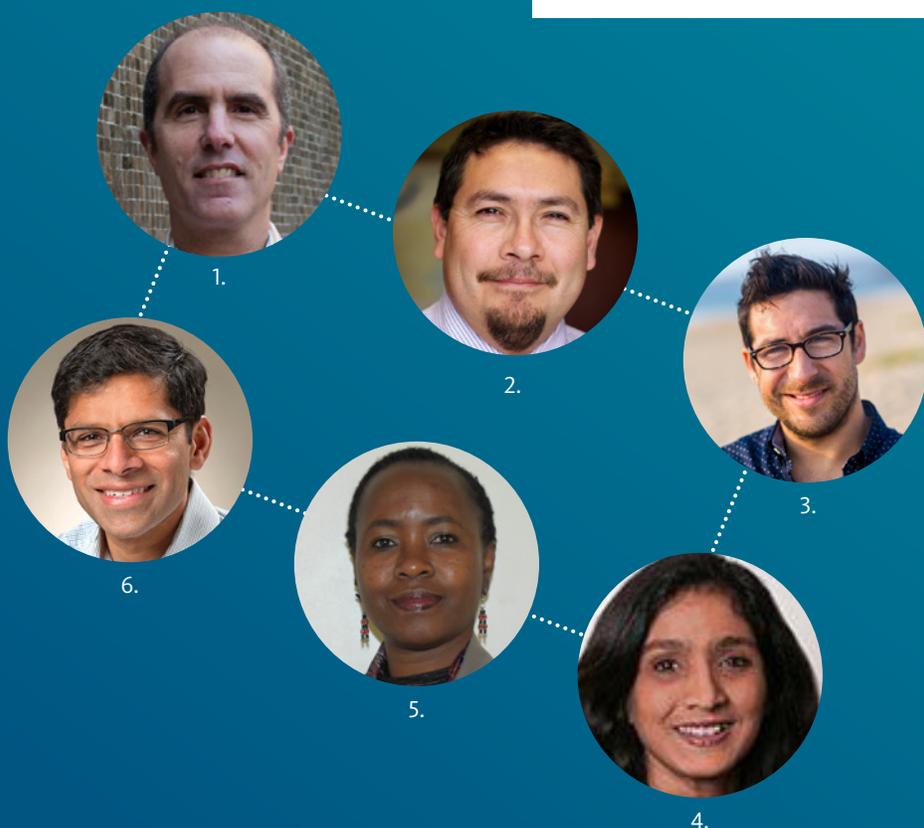
1. CRAIG COHEN, MD, MPH
   Editor-in-Chief, UCSF, UCGHI

2. ANDRES G. LESCANO, PHD, MHS
   Senior Editor, Cayetano University, Peru

3. FERNANDO O. MARDONES, PHD, MPVM
   Senior Editor, Pontifical Catholic University, Chile

4. PURNIMA MENON, PHD, MSC,
   Senior Editor, International Food Policy Research Institute, India

5. SARAH SSALI, PHD
   Senior Editor, Makerere University, Uganda

6. HARSHA THIRUMURTHY, PHD,
   Senior Editor, University of Pennsylvania

Supporting the Next Generation of Global Health Leaders: Education

UCGHI continues to make progress in global health education in the following ways:

Institutionalization of courses developed and implemented by UCGHI faculty: Springer Publishing, Inc. invited UCGHI faculty, which they subsequently accepted, to publish a textbook based on existing online global health courses. The proposal for the book tentatively titled "Global Health: A Comprehensive Introduction" is under peer-review and has the potential to have a wide reach to institutionalize the decolonization and democratization approach to global health within the UC system and beyond.

Progress toward inclusive and diverse participation in global health education: UCGHI continues to work with partners across the UC system to ensure that participation in global health education is inclusive and targets a more diverse audience. In 2021–22, we sponsored the proposal for a professional development course on digital inclusion, which is informed by our participation in the UC systemwide workgroup on Digital Inclusion. The course is entitled "Development and Institutionalization of Professional Competency in Digital Inclusion for Education Programs in the UCGHI. We also proposed a new asynchronous online course "Foundations of One Health: An Inclusive Approach." We developed proposals for "Global Health in the California Context" in collaboration with UC Center Sacramento; and "Cultural Humility in Global Health" and "Decolonizing Global Health" in collaboration with new incubator programs funded by UCGHI.

Progress on activities to expand the international audience for UCGHI's education programs: We coordinated and moderated a panel entitled "The Sustainable Development Domain in Competencies for Global Health Education" at the 2022 conference of the Consortium of Universities for Global Health; and participation in the plenary session entitled "Environmental Justice for Human and Planetary Health". The topics of these presentations are being developed as educational modules that may be integrated into existing UCGHI courses or as stand-alone courses. Additionally, progress on initiatives in graduate and professional education include the development of an online certificate in "Global One Health" centered at UC Davis. A complementary initiative is under development as part of the USAID-funded One Health Workforce-Next Generation project to establish a virtual One Health Workforce Academy platform.

Progress on interdisciplinary approaches to global health: A major achievement to creating more interdisciplinary frameworks in the field is the approval of the B.A. and B.S. in Global and Community Health at UC Santa Cruz. This program brings together both the physical and social sciences to create a more comprehensive education that more accurately reflects the real-world challenges for future of global health.

1. OLADELE A. OGUNSEITAN, PHD, MPH
   UCGHI Education Director; Professor of Population Health & Disease Prevention, UC Irvine; University of California Presidential Chair

Increasing NIH Diversity Supplements Across UC

As part of UCGHI's vision to diversify the global health workforce both locally and globally, we aim to double the submission of NIH Diversity Supplements for all disciplines across UC by 2022. There are thousands of eligible National Institutes of Health (NIH) parent grants in the UC system, yet the number of NIH Diversity Supplements received remains only in the double digits. To help change that, last year, UCGHI launched our inaugural NIH Diversity Supplement Webinar Event in collaboration with colleagues from the NIH, UC Irvine, and UCSF. The webinar is designed to increase awareness of the NIH Diversity Supplements, share information on the application process, and hear valuable insights from NIH Program Officers and NIH Diversity Supplement recipients.

The webinar builds on the successful efforts of SF BUILD and UCI BUILD to increase NIH Diversity Supplement submissions. This year, we hosted our second webinar with a panel of three successful NIH Diversity Supplement recipients from UC Irvine, UCSF, and UC Merced, moderated by Rob Rivers, NIH Program Director at the National Institute of Diabetes and Digestive and Kidney Diseases.

There have been more than 750 registrants for these webinars across the ten UC campuses and other academic institutions all of which have benefited from this unique opportunity.
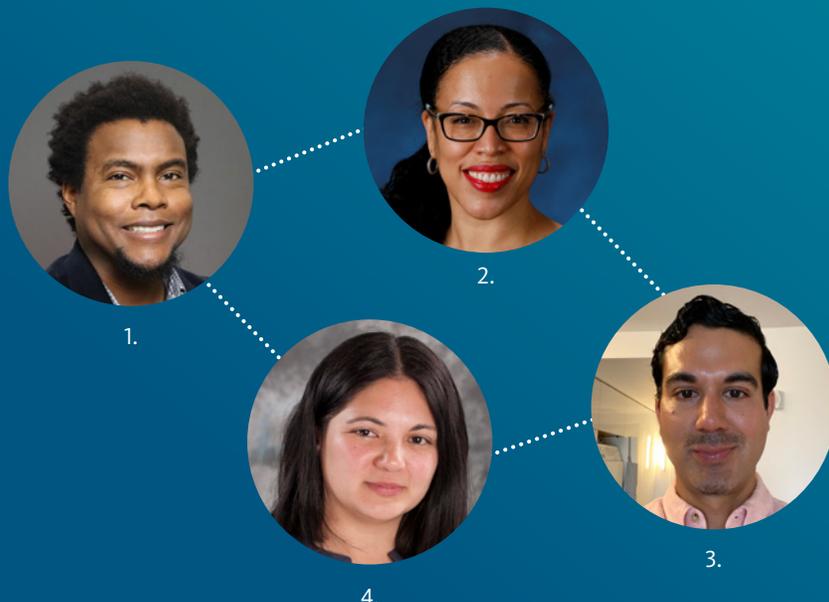
1. ROB RIVERS, PHD (MODERATOR)
   Program Director at the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

2. CANDICE TAYLOR LUCAS, MD, MPH
   Associate Clinical Professor, Department of Pediatrics, School of Medicine

3. JOHN GONZALES, MD
   Associate Professor, Uveitis Fellowship Program Director, F.I. Proctor Foundation, University of California San Francisco

4. CLARISSA J. NOBILE, PHD
   Kamangar Family Chair in Biological Sciences and Associate Professor, School of Natural Sciences, Department of Molecular and Cell Biology, UC Merced

Student Ambassador Program

The UCGHI Student Ambassador Program is a remote learning and leadership program that seeks to support the diversification of the global health workforce by providing professional and networking opportunities to the University of California and Charles R. Drew University student ambassadors.

The opportunity is open to students (undergraduate, graduate, professional, medical, nursing, law, etc.) from across the 10 UC campuses, UC Hastings College of the Law, and partnering Historically Black College and University (HBCU), Charles R. Drew University. Student ambassadors elect to participate in one of the two UCGHI Centers of Expertise (COEs) tracks, Planetary Health and Women's Health Gender and Empowerment.

In January of 2022, the UCGHI core Student Ambassadors program welcomed it's third cohort with 52 students for the six-month program (to date UCGHI and it's Centers have supported 250 student ambassadors across UC and Charles R. Drew University). Student ambassadors' internships and fellowships are connected through their COE tracks. Some examples include the Latinx and the Environment Initiative at UC Berkeley and The CHAT Study, a partnership by the UCGHI Women's Health, Gender and Empowerment COE and California Latinas for Reproductive Justice. Additionally, student ambassadors

participate in monthly webinars hosted by academics and global health partners from across the UC system focusing on important global health themes in their work and in relation to the COE focus areas. At the end of the program, student ambassadors collaborate in multidisciplinary teams to present on a current global health topic amongst their fellow ambassadors, UCGHI leadership, faculty, staff.

In addition to the internships and fellowships, this year's program included eight new student leadership positions for the first time. These included two student assistants who supported the coordination and communications within each COE track and six student-led committee co-chairs with representation from northern and southern UC campuses. The co-chairs led student ambassador initiatives and engagement in the areas of campus outreach, social media, and preparation for UCGHI's UC Global Health Day 2022 on May 7, 2022.

Next year's program has been formatted to coincide with the entire 2022–2023 academic year, thus providing student ambassadors more focused mentorship and networking time. UCGHI looks forward to continuing conversations and activities with students towards health equity, social justice, diversifying the global health workforce and decolonizing global health.

1. CRAIG COHEN, MD, MPH
   Director, GloCal Health Fellowship

2. KIMBERLY BALE, MPH
   Deputy Director, GloCal Health Fellowship

3. Jalika Joyner, DVM, conducting mosquito sampling in Uganda

4. Felix Oyania, MBChB, MMed, operating with surgical resident in Uganda

GloCal Health Fellowship

Since 2012, the GloCal Health Fellowship, supported by the NIH's Fogarty International Center (FIC), has helped launch careers of 148 fellows across the UC system and at 21 low- and middle-income (LMIC) partner institutions through 12-month mentored research opportunities. During the 2021–22 academic year, GloCal has been supporting a diverse group of 21 trainees, including nine U.S. postdoctoral fellows, two U.S. doctoral students, one U.S. medical student, and nine LMIC postdoctoral fellows in Mexico, Peru, Uganda, Tanzania, Kenya, Mozambique, South Africa, and Cameroon. Among the twelve U.S. fellows, six are from underrepresented minority groups, reflecting rigorous efforts to reach more racially and ethnically diverse candidates who can help transform the face of global health. The 2021–2022 fellows furthermore represent a wide variety of disciplines, including dentistry, nursing, veterinary medicine, surgery, behavioral medicine, emergency medicine, pathology, epidemiology, geography, agricultural development, and public administration.

A major success this year was securing five more years of funding for the program to continue its mission between 2022–2027 as part of FIC's Launching Future Leaders in Global Health Research Training Program (LAUNCH).

GloCal's LAUNCH program strengthens diversity, equity, and inclusion (DEI) elements in these ways:

- Establishes three new research sites in Latin America to help with recruitment of Hispanic/Latino U.S. fellows who often have strong cultural ties to the region;

- Forms GloCal LMIC Site PI Council to address challenges, share best practices and resources, and expand collaboration, communication and coordination between LMIC sites;

- Offers LMIC fellows the opportunity to spend two to three months at UC to develop deep and meaningful relationships with their UC mentors and therefore ensure each fellow receives the full benefits of the program;

- Builds new relationships with Historically Disadvantaged Institutions in South Africa to address inequity in academia and build stronger research institutions to benefit local communities; and

- Continues discussions and trainings related to decolonizing and democratizing global health in partnership with the other LAUNCH consortia members—spearheaded by Dr. Cohen (GloCal Director) as a cross-consortia initiative in 2021.

Fellowship in Sustainable Development for HIV Health (SD4H)

The SD4H Fellowship provides aspiring researchers at Maseno University with outstanding education, mentorship, and training in research at the intersection between sustainable development and health. SD4H is a career development fellowship sponsored by the National Institutes of Health (NIH) Fogarty International Center (FIC), co-funded by National Institutes of Mental Health, and led by co-Directors for the SD4H Fellowship: Craig Cohen, MD, MPH (UCSF), Sheri Weiser, MD, MPH (UCSF), Louisa N. Ndunyu, PhD, MA (Maseno University), and Elizabeth Bukusi, MBCHB, MMED, PHD, MPH (KEMRI). The Fellowship program supports the following programs and people:

The SD4H seminar is a two-year-long bi-weekly virtual course at Maseno University that focuses on developing core skills to become successful researchers at the intersection of sustainable development and HIV health. The SD4H seminar includes lectures, group discussions, course readings, videos, case studies, presentations, and Works in Progress that lay the groundwork for SD4H students. Co-led by faculty at Maseno University, the Kenya Medical Research Institute (KEMRI), UCGHI, and other experts in sustainable development, including

economists, social-behavioral scientists, environmental scientists and HIV care, treatment, and prevention. The three doctoral and three masters SD4H Fellows attend the seminar which is also open to 35 additional Maseno University graduate students from a broad array of disciplines.

Our first two SD4H doctoral Fellows, Jacquelyne Odak and Jackline Odhiambo, completed their first year at Maseno University and will complete the Advanced Training in Clinical Research certificate at UCSF in June 2022. Upon returning to Kenya, they will embark to lead their doctoral dissertation fieldwork. A third doctoral student, Daniel Omollo has just recently joined as a SD4H fellow.

In June 2021, Senior Maseno University, KEMRI and UCGHI faculty experts in mentoring conducted an intensive two-day "Mentoring the Mentors" workshop with 17 Maseno University senior faculty mentors. The mentors participated in person in Kisumu, Kenya and the training was co-facilitated by the four principal investigators, Drs. Ndunyu and Cohen in person, and Drs. Buksui and Weiser over Zoom. Participants developed individual mentoring and action plans to be shared at subsequent session.

Planetary Health Center of Expertise

Rapid population growth and urbanization combined with the effects of climate change negatively affect the most vulnerable global regions, putting them at greater risk in the climate crisis. UCGHI's Planetary Health Center of Expertise (PH COE) works to combat the worst effects that those compounding challenges bring. To do that, the PH COE has implemented training and research programs that focus on supporting diverse stakeholders across the UC system to advance and adopt transformative solutions to challenges in the health-environment space. Students have participated in multi-campus online undergraduate courses such as Global Population, Health and Environment, graduate and young professional level field courses such as the Rx One Health Field Institute, along with summer job placement opportunities throughout California in the PHCOE Summer Work Experience Program.

The COE also offers programming to work within California where, like many regions across the globe, the most historically marginalized people are most at-risk in climate disaster. One PH COE program to address this is Latinxs and the Environment (L&E), a dynamic multi-UC campus, program designed and implemented to generate collaborations between academics, policy makers, and members of community-based organizations to increase knowledge about Latinx communities and the environment. The program features a UC-wide annual conference, seminars, and funded research opportunities to facilitate collaborations across academic and community spaces. Broader PH COE seed grant research opportunities have highlighted farming in the 21st century, which include all identities and genders at the center of planetary health solutions in California and globally.

Finally, PH COE leadership and collaborators continue to participate in the One Health Workforce-Next Generation Project, an $85M 5-year award from the U.S. Agency for International Development, with geographical impact in Africa and Southeast Asia and over 100 universities from 17 countries participating.

Center for Gender & Health Justice

This year, the Women's Health, Gender and Empowerment COE changed its name to the Center for Gender and Health Justice (CGHJ). To promote research, education, and community engagement to reduce gender and health inequities, the Center led several initiatives to diversify the global health workforce in 2021–2022, including the following:

CGHJ Student Ambassadors: The CGHJ track has 26 student ambassadors from undergraduate, graduate, and medical school programs across the 10 campuses that support cross-campus networking, mentoring, education, and professional opportunities. Nearly 100 students applied for 2022–2023. Projects that ambassadors worked on included developing blog posts for the California Home Abortion by Telehealth (CHAT Study, one of the Center's Signature Projects), establishing a student advisory board for the UCGHI Global College Campus Violence Prevention Network, launching a new study to assess sexual violence and discrimination among sexual and gender minority students at UCLA, among others.

Graduate Research Fellowships: Funded six mentored graduate student-led research projects ($2,500 each) on CCHJ topics to students from historically underrepresented communities and underrepresented UC campuses. UCGHI supplemental funding doubled the number of awards from three to six. All the students will participate in the Center's Fall 2022 retreat. Fellow research projects range from a student-led assessment of reproductive and gynecological service provisions at UCLA to examining the impacts of COVID-19 on the lives of sex workers in India and their families.

Undergraduate Internship Opportunities Program: Through the Summer Internship Opportunity program, the Center funded eight undergraduate students with $1,000 stipends to work with COE global and local partners (Mexico, India, U.S.). Prioritizing low-income students from historically underrepresented communities, we are working to diversify the field through expanding access to those often left out of such opportunities. Student interns worked on projects such as developing issue briefs and infographics to communicate research findings to broad audiences and research on sexual, mental, and social determinants of health with sexual and gender minority youth.

Global College Campus Violence Prevention (GCVP) Network Student Advisory Board (SAB): Students were paired with GCVP-N global university partners to foster international, student-led movements addressing violence on college campuses. SAB monthly webinars launched in March 2022, and the Center is organizing a global convening with GCVP-N partners at the Sexual Violence Research Initiative (SVRI) Forum 2022 in Mexico in September 2022, with representatives from South Africa, Latin America, Asia, and the US, and new SAB members. As the COE's first signature project, this initiative was made possible through funds and incubating in conjunction with the local UC Speaks Up program.

California Home Abortion by Telehealth (CHAT) Study Student Ambassadors: CHAT engages six CGHJ-track student ambassadors to gain hands-on experience in health promotion by developing creative materials (posters, infographics, videos), using social media and direct communication to disseminate information to campus clinics, health centers and other primary care providers. They also plan and host educational events by students for students.

Planetary Health Center of Expertise Leadership

1. **WOUTRINA SMITH, DVM, MPVM, PHD**
   Co-Director, UCGHI Planetary Health Center of Expertise; Associate Dean for Global Programs and Professor of Infectious Disease Epidemiology, UC Davis School of Veterinary Medicine; Project Director, USAID One Health Workforce – Next Generation Project

2. **SAMANTHA YING, PHD**
   Co-Director, UCGHI Planetary Health Center of Expertise; Research and Infrastructure Core Lead, UCR School of Medicine Health Disparities Research Center; Assistant Professor of Soil Biogeochemistry, UC Riverside

3. **FEDERICO CASTILLO, PHD**
   Deputy Director, UCGHI Planetary Health Center of Expertise; Lecturer, UC Berkeley

4. **MARTIN SMITH, MS, PHD**
   Deputy Director, UCGHI Planetary Health Center of Expertise; Professor of Cooperative Extension, UC Davis

5. **MÓNICA J. HOPE, MS**
   UCGHI Planetary Health Center of Expertise Program and Ambassadors Assistant Coordinator; Mexican-American Graduate Student, UC Riverside Environmental Sciences

Center for Gender & Health Justice

1. **DALLAS SWENDEMAN, PHD, MPH**
   Co-Director, Center for Gender & Health Justice; Associate Professor, Department of Psychiatry and Biobehavioral Sciences, UCLA

2. **USHMA UPADHYAY, PHD, MPH**
   Co-Director, UCGHI Center for Gender & Health Justice; Associate Professor, Obstetrics, Gynecology and Reproductive Sciences, UCSF

3. **MELISSA SMITH, MD**
   Deputy Director of Education and Training, UCGHI Center for Gender & Health Justice; Director of Health Equity Initiatives, UC Santa Barbara

4. **JENNIFER A. WAGMAN, PHD, MHS**
   Deputy Director of Community Engagement, UCGHI Center for Gender & Health Justice; Associate Professor, Community Health Sciences, UCLA Fielding School of Public Health

5. **STEPHANIE SUMSTINE-FELICE, MPH**
   Project Director, UCLA Center for Community Health; Center Coordinator, UCGHI Center for Gender & Health Justice

Incubator Awards Program

The UC Global Health Institute (UCGHI) catalyzes innovation for transformative solutions to global health challenges. In 2021, UCGHI launched the Incubator Awards program to support the development of innovative research and educational programs while advancing diversity, equity, and inclusion to advance global health.

Funding for the first year included: seven grants including innovative educational programs that focused on developing cultural humility training for researchers and health providers. Also, education efforts to decolonize global health across the UC campuses as well as research, training and advocacy-based emerging Centers with focuses on global health and human rights, food justice and health equity among others. in addition, two educational programs across all ten UC campuses including local and international partners.

To grow the development of the emerging Centers, in March of 2022, UCGHI released a competitive call for proposals for the five existing emerging Centers and selected three for an additional year of funding. These supplementary grants are designed to extend and enhance the work of emerging Centers to become multi-campus, interdisciplinary endeavors to advance innovative strategies for addressing significant global health challenges. The emerging Centers will now have the resources to further prepare and submit a proposal to become an official UCGHI Center for the 2023–24 academic year (contingent upon funding).

The three emerging Centers funded for the 2022–23 academic year include:

Food Justice & Health Equity: The emerging Center has a goal to make a transformative shift to address and resolve systemic racism in the food justice sphere by linking global health leaders with researchers and communities focused on food security and sovereignty. They will provide educational & professional growth at the intersection of race, justice, global health, and food systems.

Perioperative and Surgical Health Equity: The emerging Center seeks to decrease the disparity of access to surgical and anesthesia care (which accounts for 30% of the global burden of disease) by uniting eight UC campuses and their partners to advance equity in surgery, anesthesia, and perioperative care through ethical and innovative research, education, and community engagement. By leveraging the expertise of the UC system and its global network, they will facilitate multi-directional exchange; train leading researchers and change agents; and engage in research and partnerships that center community and patient perspectives on surgical conditions and care in California and around the world.

Accelerating Implementation Science and Research Translation for Global Health Delivery and Diplomacy: The emerging Center aims to explore how we might develop a service/knowledge hub that will accelerate UC system-wide efforts to facilitate knowledge exchange, build UC-wide capacity for policy-engaged research, accelerate the research-to-use pathway, foster transdisciplinary research collaborations, and increase global policy dialogue. This transdisciplinary approach looks to harness the UC's astounding breadth and depth of research and knowledge innovations around implementation science, economics, and global health policy spanning many disciplines.

The University of California Global Health Institute is a UC-wide institute that advances the mission of the University of California to improve the lives of people in California and the world by stimulating, nurturing, and promoting global health research, education, and collaboration through our commitment to diversity, equity, and inclusion. Diversity is defined broadly as UCGHI leverages the diverse expertise across the UC system to revolutionize training of future global health leaders and accelerate the discovery and implementation of transformative global health solutions.

- **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, DMV, PhD (UC Davis), and Craig Cohen, MD, MPH (UCSF), as Co-Directors.
- **2020:** UCGHI became part of the UC Office of the President in the University of California Health Division. UCGHI is grateful for the leadership of President Michael V. Drake, MD, and Executive Vice President for University of California Health, Carrie Byington, MD, and Vice President for Health Sciences, Cathryn L. Nation, MD.
- **2015–2022:** UCGHI has leveraged more than $135 million with core support from UCGHI from all 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.
- **Current:** UCGHI continues to expand UC-wide partnerships through UCGHI programs and Centers of Expertise, the Incubator Awards program, and our newest partnership with the HEAL Initiative.

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1. **HAILE T. DEBAS, MD**
Founder/Director Emeritus, University of California Global Health Institute; Founding Executive Director, Institute for Global Health Sciences; Maurice Galante Distinguished Professor of Surgery, Emeritus; Dean Emeritus, School of Medicine; Former Chancellor, UCSF

Executive Committee

2. **ANIL B. DEOLALIKAR, PHD**
Chair of the Board; Founding Dean, UC Riverside School of Public Policy; Professor of Economics, UC Riverside

3. **JONNA MAZET, DVM, MPVM, PHD,**
Co-Vice Chair of the Board; Vice Provost – Grand Challenges; Chancellor's Leadership Professor of Epidemiology & Disease Ecology; Founding Executive Director, One Health Institute, UC Davis; Director Emeritus, Project of USAID Emerging Pandemic Threats Program (PREDICT)

4. **LARA STEMPLE, JD**
Co-Vice Chair of the Board; Assistant Dean, Graduate Studies and International Student Programs, UCLA School of Law, Director, Health and Human Rights Law Project

5. **CATHRYN L. NATION, MD**
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Senior Advisor to the Board of Directors, UC Office of the President

UCGHI Leadership & Core Team

1. THOMAS J. COATES, PHD
   UCGHI Director; Distinguished Research Professor of Medicine, UCLA David Geffen School of Medicine

2. KEMI AMIN, MBA
   UCGHI Communications Director, UCSF Institute for Global Health Sciences

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

4. JESSICA CROSBY
   UCGHI Communications/Program Coordinator

5. CRAIG R. COHEN, MD, MPH
   UCGHI Co-Director; Director, Family AIDS, Care and Education Services (FACES); Professor of Obstetrics and Gynecology, UCSF

6. LINDA SHIN
   UCGHI Program Coordinator

7. ROSHNI DESAI
   UCGHI Program Assistant

8. SUN YU COTTER, MPH
   UCGHI Deputy Director

THANK YOU & ACKNOWLEDGMENTS

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 UCGHI Director for the past six years and wish him the best in his future endeavors.

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, Carrie Byington, Cathryn Nation, Zoanne Nelson, Eileen Foster, Juri Firth, and Yvette Gullatt. We also thank Fee Ong, Wanda Kelly, Gail Cavett, Terry Polk, Kate Moser, Villy Somthida, Shelly Meron, Michael Crawford, and Heather Harper.

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Finally, we express our gratitude to the UCGHI student ambassadors, UCGHI Program Directors, UCGHI Board of Directors, UCGHI Black Lives Matter Task Force, and the entire UCGHI community for supporting UC Global Health Day 2022 and our ongoing justice, equity, diversity, and inclusion journey.

PHOTO CAPTIONS AND CREDITS

COVER
Courtesy of UC Santa Cruz

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BLM Mural in San Francisco by Christopher Michel

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- Photo collage for UC Global Health Day
- Alexii Sigona, UC Berkeley PhD student and Amah Mutsen Tribal Member, gives a land acknowledgement at UC Global Health Day 2022

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- UC Global Health Day 2022 plenary speaker Ricky Bluthenthal answering questions from the audience
- Audience members dance to Rupa & the April Fishes during their performance at the end of UC Global Health Day 2022
- Student volunteers help out at UC Global Health Day 2022

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Courtesy of UC Irvine

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Courtesy of UC Berkeley

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Student Ambassadors received signed copies of UC Global Health Day of plenary speaker, Dr. Rupa Marya's book *Inflamed: Deep Medicine and the Anatomy of Injustice*

PAGE 13
- Jalika Joyner, DVM, conducting mosquito sampling in Uganda
- Felix Oyania, MBChB, MMed, operating with surgical resident in Uganda

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Jackline Odhiambo (SD4H Doctoral Fellow), Rachel Burger (SD4H Fellowship Coordinator), and Jacquelyne Odak (SD4H Doctoral Fellow)

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Courtesy of UC Division of Agriculture and Natural Resources

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Courtesy of UC Davis

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Courtesy of UC Davis

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Courtesy of UC Santa Cruz

BELOW LEFT
UCGHI colleagues enjoy the outdoor concert with Rupa & the April Fishes at the Quarry Amphitheatre at UCSC

BELOW RIGHT
Opening Plenary Speaker, Rupa Marya and her band mates, Misha Khalikulov on cello, Aaron Kierbel on cajon, and Mario Alberto Silva on trumpet