

ONEHEALTH: MISSION & VISION



At GHI, we embrace a global health ethic that fosters deeper understanding of the complex determinants of health and disease for people, animals, and ecosystems through a One Health model.

By working locally and globally, we uniquely apply research and education both within and across disciplines, advancing health today and ensuring well-being for the future.





MESSAGE FROM THE DIRECTOR

Dear Friends and Colleagues,

As I prepare to step down from my role as Director of the UW–Madison Global Health Institute (GHI), I do so with deep gratitude and reflection. It has been an honor to lead this dynamic and dedicated team—one that exemplifies innovation, collaboration, and transdisciplinary action in service of global health and the Wisconsin Idea.

Together, we have advanced a bold and inclusive vision that reimagines how global health is practiced at UW–Madison and beyond. I am particularly proud of:

- Establishing the GHI One Health Center Network that creates a powerful global platform for research, education, and innovation to expand Wisconsin's commitment to academic and research excellence;
- Developing GHI's five-year strategic plan with a One Health focus and developing five strategic focus areas;
- Facilitating numerous partnerships and agreements across academia, governments, NGOs, and industry resulting in new research initiatives;
- Contributing to grant submissions totaling over \$80 million, uniting researchers across UW's 20+ schools and colleges in pursuit of transformative, interdisciplinary solutions;
- Expanding global opportunities for students and scholars, through new fellowships, international internships, and collaborative research exchanges; and
- Raising GHI's visibility and engagement, through strategic communications, delegation visits, highlevel webinars, and cross-campus events.

Our small but mighty team accomplished a great deal in a short time—and I am immensely proud of their dedication and ability to deliver impact with limited resources.

I remain hopeful for GHI's future, and for the people and partners carrying the work forward. I extend my deepest thanks to our Board of Visitors, Advisory Committee, campus collaborators, global partners, and our incredible staff.

It has been a privilege to serve during this transformative chapter, and I am confident GHI will continue to inspire innovation, partnership, and progress in global health.

With sincere appreciation,









GHI is a catalyst and convener,

bringing together members from UW–Madison's 20+ schools and colleges to collaborate on research, events, and outreach activities within our five strategic focus areas.

This multidisciplinary approach provides a more holistic view when addressing public health issues under a One Health model - where animal, plant, and human health are connected.

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As a board, we are astounded at the progress we have witnessed over the last three years by the small GHI team collaborating with many others across the university and world. GHI's five focus areas capture a comprehensive view of global health. This holistic, One Health-based approach leverages the expertise of UW's 20+ schools and colleges, and is essential to understanding and tackling the intricate connections among health, equity, and the environment.

GHI Board of Visitors Chair John E. Lange, Ambassador

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Temperature increases and extreme weather events are impacting how humans, animals and insects interact and we are finding mosquito-borne viruses in new places. As these viruses appear in more parts of the world, we need a globally coordinated effort to share learnings from countries who have been successfully managing these illnesses, as well as ensuring that effective surveillance and countermeasures are in place.

GHI Director Jorge Osorio from September 17, 2024 Abbott Press Release:

New Survey from Abbott Finds Epidemiologists Believe Viral and

Mosquito-Borne Pathogens are Priority Concerns for Disease Outbreaks

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"The Wisconsin Idea is about extending the impact of UW-Madison beyond campus borders to improve lives around the world. Our work in India embodies this principle by fostering partnerships, supporting innovation, and engaging alumni who are driving change in their communities. Through Initiatives in global health, entrepreneurship, and education, we are strengthening UW's global presence and ensuring that the university's mission reaches far beyond Wisconsin."











UW-Madison

HEMP

In FY25, GHI's Associate Director of Strategic Partnerships & Development, Calyn Ostrowski, continued to lead GHI's efforts to break down silos and create new pathways for transdisciplinary cannabis research and development. Building on her previous research on cannabis and the United Nations' 17 Sustainable Development Goals (SDGS), she played a key role in launching UW's multi-disciplinary cannabis working group and organizing the university's first cannabis conference, From Seed to Society: Cultivating Connections, held on Earth Day.

The inaugural event, presented by UW's College of Agriculture and Life Sciences (CALS), School of Human Ecology, School of Pharmacy, GHI, and Center for Tobacco Research and Intervention, welcomed 100 participants. It featured four dynamic panels: Health & Medicine; Agriculture; Business & Design; and Policy & Regulation. On the Policy panel, Calyn discussed UW's unique expertise to guide Wisconsin's public health efforts and regulation with data-driven insights.

JOB SHADOWING

In January, GHI welcomed three undergraduate students for a day of job shadowing, offering them a behind-the-scenes look at the institute's mission and its role in advancing research, education, and outreach initiatives across UW–Madison.

GLOBAL HEALTH UNDERGRADUATE PROGRAMS

GHI supports CALS' two undergraduate programs: Global Health Major and Certificate in Global Health. This year was the largest cohort with 269 certificate students and 163 major graduates.

U.S. DEPT OF STATE'S INTERNATIONAL VISITOR PROGRAM

In June 2025, in conjunction with the International Institute of Wisconsin, GHI hosted 22 health experts, ministry of health officials, NGO leaders, and medical professionals from a diverse range of countries as part of the U.S. Department of State's Global Health Cooperation program. Several members of GHI's Advisory Committee attended and engaged in the conversation.









Lina Paola Garzón

I had the great pleasure of meeting Lina through GHI. We began working together to discuss research methodology and plans for her work with Amazonian communities and local government bodies to support improved communication about local disease and medication knowledges. We had the opportunity to meet in Colombia (with a host of other GHI members) to

deepen our collaboration. From there, we continued to meet virtually to

discuss how Lina could forward the research and its dissemination.

Nancy Kendall, Professor, Educational Policy Studies, School of Education Mentor to GHI Post-Doctoral Candidate Lina Paola Garzón

Project: Use of medicinal plants and vector-borne diseases in the Amazons









The collaboration between GHI and the Universidad Nacional de Colombia catalyzed and convened One Health projects through three core focus initiatives. These include support for UW faculty and students by actively engaging local communities in research; education and outreach activities; developing and submitting grant proposals; securing IRB approvals; and fostering connections with local investigators to facilitate research logistics and finances.

A multidisciplinary team of UW researchers—from Engineering, Communications, Law, Pharmacy, Veterinary Medicine, and the School of Medicine and Public Health—are advancing collaborative projects through the One Health Center in Colombia. This partnership has led to new scientific publications, discoveries, and joint funding opportunities, while also strengthening academic exchange, expanding scientific capacity, and deepening cross-cultural collaboration in global health.

The partnership also delivered meaningful impact through collaborative mentorship, training, and research support. Postdoctoral scientists from Colombia have worked alongside UW faculty in Educational Policy Studies and Pathobiological Sciences to advance research in education, public health, and veterinary medicine. With joint support from GHI and the Colombian government, three emerging scientists from Colombia are pursuing doctoral degrees in Comparative Biomedical Sciences and Mass Communications at UW–Madison.

Each summer, GHI awards two fully funded scholarships to UW undergraduate students for a transformative internship at the One Health Center in Colombia. This immersive experience offers students hands-on training in global health research, equipping them with critical analytical and technical skills in data analysis, science communication, and cross-cultural collaboration.







Leonor Hidalgo-Ciro

Leonor is doing some fascinating work around the health of migrants and vaccine hesitancy in Colombia. I am sure this work will have enormous impact on the field and contribute to saving lives.

> Hernando Rojas, Professor of Journalism and Mass Communication, School of Journalism and Mass Communication Mentor to GHI Graduate Student Leonor Hidalgo-Ciro PhD Program: Mass Communications





Photo excerpt from APDC website: https://www.abbott.com/virushunters.html

Latin America: Mexico

GHI's impact in Mexico is reflected through a range of collaborative initiatives with the University of Guadalajara, including the support of an Educational Garden at the Museum of Environmental Sciences, academic exchanges, and targeted epidemiological research. GHI's director is providing technical guidance to UW's "Comprehensive Health Care in the Migrant Population" project to help mitigate the risk of illness and disease as people move from one location to the next.

Additionally, in partnership with the Abbott Pandemic Defense Coalition (APDC) and the University of Guadalajara, GHI's director helped advance large-scale surveillance of febrile illnesses across seven hospitals. This work is enhancing understanding of viral pathogen prevalence and genetic diversity, while contributing to the detection of emerging or under-recognized diseases—advancing public health knowledge and response capacity in one of Mexico's most populous regions.













<u>India</u>

In March, GHI traveled with campus partners across India to advance global partnerships and expand the Wisconsin Idea worldwide. Accompanied by Lora Klenke, Managing Director of International Alumni Relations, Wisconsin Foundation and Alumni Association (WFAA), and Jennifer Gottwald, Director of Licensing, Wisconsin Alumni and Research Foundation (WARF), GHI's first stop included a three-day tour of Pidilite Industries Corporate Social Responsibility initiatives in rural Gujarat focused on sustainable development, education, healthcare, and empowering marginalized communities. The trip provided invaluable insights into how corporate initiatives can support long-term health, education, and rural development - especially in underserved areas. The visit concluded with discussions of potential partnerships between UW-Madison and Pidilite Industries in future global health initiatives. Both sides expressed enthusiasm for exploring collaborative opportunities to further mutual goals of improving lives through innovative, sustainable, and community-driven projects.

After a productive visit to Gujarat, the team continued on to Hyderabad, where they joined additional UW delegates including Erik Iverson, WARF CEO; Sarah Schutt, WFAA Chief Alumni Officer & Executive Director; Jorge Osorio, GHI Director; Mike Knetter, WFAA Senior Advisor; Michele Bernius, WFAA Director of Investments, Margot Downey, WFAA Program Coordinator, and Kris Saha, Professor and Saha Lab Director at Wisconsin Institute for Discovery (WID).

Since the signing of an agreement with the Ella Foundation in 2023, GHI has been committed to fostering mutually beneficial global health collaborations in India. During GHI's 2022-2023 visits to Bharat Biotech, the need to strengthen India's cell and gene therapy manufacturing capabilities was identified.

Leveraging its multi-disciplinary connections across UW-Madison, GHI's director, Jorge Osorio, introduced Bharat Biotech to UW's renowned gene and cell therapy expert Kris Saha.



Kris Saha at Bharat Biotech Gene & Cell Therapy Ribbon Cutting







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All of the local impact we have in Wisconsin with our technology is fantastic. But I think it also has a potential global impact. Being able to show, in a facility like the one at Bharat, with very different sets of constraints, resources, people, and opportunities, is where we want to focus our innovation. I don't think it's an either/or type of choice that we just generate some of these technologies that have impacts here, but we want to work with the alumni community, the folks coming to the Utsav, and the private sector where they see application opportunities for the work we're doing.

Kris Saha, Professor, Biomedical Engineering and Pediatrics, Director of Saha Lab Wisconsin Institute for Discovery

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GHI's connection facilitated knowledge and technology exchanges among Bharat Biotech, Saha's Lab, and WARF, culminating in Bharat's Gene & Cell Therapy Ribbon Cutting on March 20, 2025.

GHI's trip to India concluded in Mumbai where the team participated in WFAA's second Badger Utsav and met with additional UW delegates joining from the Wisconsin School of Business, Center for South Asia, Division of Enrollment Management, and Visiting International Student Program. Kicking off the Utsav's first panel discussion, GHI's Associate Director, Strategic Partnerships & Development, Calyn Ostrowski, introduced the panelists and announced a new partnership between UW and the Sehgal Foundation, an NGO based in India. The partnership will establish an Interdisciplinary Centre of Excellence on Sustainable Rural Development, aimed at promoting knowledge exchange and advancing joint research proposals to tackle critical development challenges in India. The panel featured Jorge Osorio, Director of GHI; Erik Iverson, CEO of WARF; Kris Saha, Professor at the Wisconsin Institute for Discovery (WID); and Anjali Makhija, CEO of the Sehgal Foundation. Together, they highlighted UW's ongoing programs and growing collaborations across India.





Photos above & below courtesy Paul Escalante/UW-Madison Deptartment of Biochemistry

I was truly impressed with the quality of the facilities and scientists that I met at UW-Madison. I saw excellence in many disciplines and as soon as I returned to Stellenbosch University, I went to meet with the Rector/Provost who is now coming to visit UW-Madison in Sept 2024 to increase collaboration between the two institutions.

Tulio de Oliviera, Director, Centre for Epidemic Response and Innovation, Stellenbosch University, and TIME100 Health Honoree





Africa: South Africa

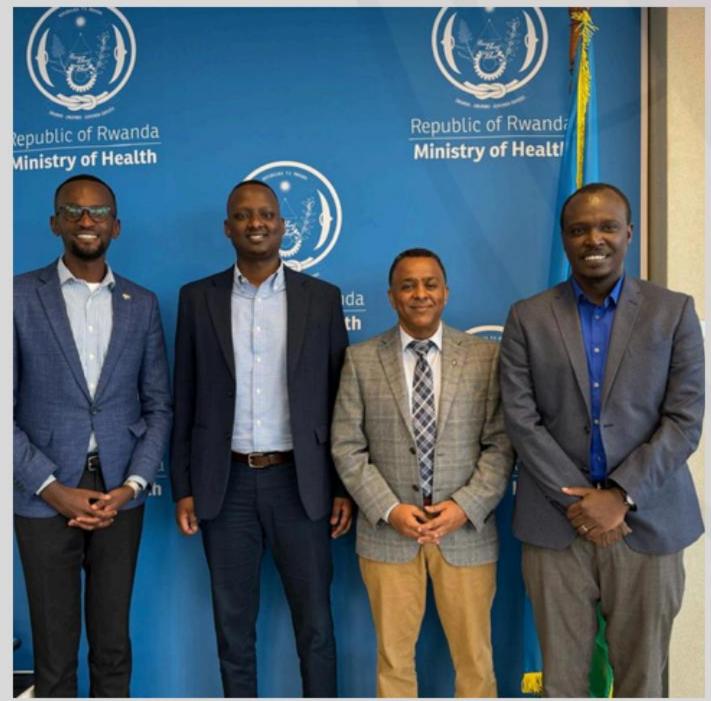
In fall 2024, GHI led the formalization of UW's partnership agreement with Stellenbosch University in South Africa. This collaboration strengthens academic exchanges, global health innovation, and One Health initiatives. It builds on GHI and the UW-Madison Department of Biochemistry's longstanding relationship with Stellenbosch and Wisconsin Alumni Research Foundation's engagement, culminating in an agreement focused on educational exchange, interdisciplinary research, and translational science.

This partnership illustrates the two universities' commitment in bringing researchers and stakeholders from different backgrounds and experiences to tackle global health challenges.









Africa: Sierra Leone

GHI's efforts in Sierra Leone is a collaboration with Project 1808 and the Abbott Pandemic Defense Coalition (APDC) to identify new infectious disease pathogens, rapidly develop and deploy new diagnostic testing, and assess public health impact in real time. The project focuses on identifying and diagnosing acute febrile illness and fevers of unknown origin at designated sentinel health facilities in Freetown. Supported by funding from APDC, and technical guidance from GHI's director, the study established four sentinel sites for sample collection and implemented essential infrastructure, including protocol-based training for local staff. These efforts strengthen disease surveillance and diagnostic capacity in the region.

Africa: Rwanda

GHI played a key role in strengthening health emergency preparedness and pathogen surveillance in Rwanda through strategic support and collaboration. GHI supported the Rwanda Biomedical Centre's (RBC) successful grant award to the World Bank for the Health Emergency Preparedness Response and Resilience Program; and successful grant award to the WHO for RBC's International Pathogen Surveillance Network to collect and test blood samples from febrile patients and animals in the Rift Valley region. Additional support is provided by APDC and these efforts underscore GHI's impact in advancing Rwanda's capacity for global health security and research.



EVENTS & OUTREACH:





April 8, 2025

The UW-Madison 20th Global Health Symposium, Why Global Health Networks Matter, was held in April. More than 200 registered guests met online and at the Discovery Building to hear engaging discussions, view multidisciplinary global health posters from across campus, and network. The event was co-hosted by GHI, Office of Global Health at the School of Medicine and Public Health (SMPH), and CALS Global.

The keynote speaker was Apoorva Mandavilli, Science & Global Health Reporter from The New York Times. The fireside chat panel discussed White-nose Syndrome in Bats Connection to One Health, and was moderated by GHI Director Jorge Osorio. Panelists included Eyal Frank, Assistant Professor, University of Chicago Harris School of Public Policy; Bruce Klein, Tenured Professor and Chief, Division of Infectious Diseases, Department of Pediatrics, SMPH; Tonie Rocke, Research Epidemiologist, National Wildlife Health Center; and David Drake, Professor and Extension Wildlife Specialist, Department of Forest and Wildlife Ecology, CALS.











GHI started a quarterly networking event with global health colleagues to percolate collaboration opportunities both on campus and worldwide.



GHI partnered with the Red Cross for a blood drive, collecting 38 units-152% of our goalas part of The Big Ten and Abbott's We Give Blood campaign to address the nation's largest blood shortage in a generation.

SHARING CONNECTIONS ACROSS CAMPUS, WISCONSIN, & THE WORLD













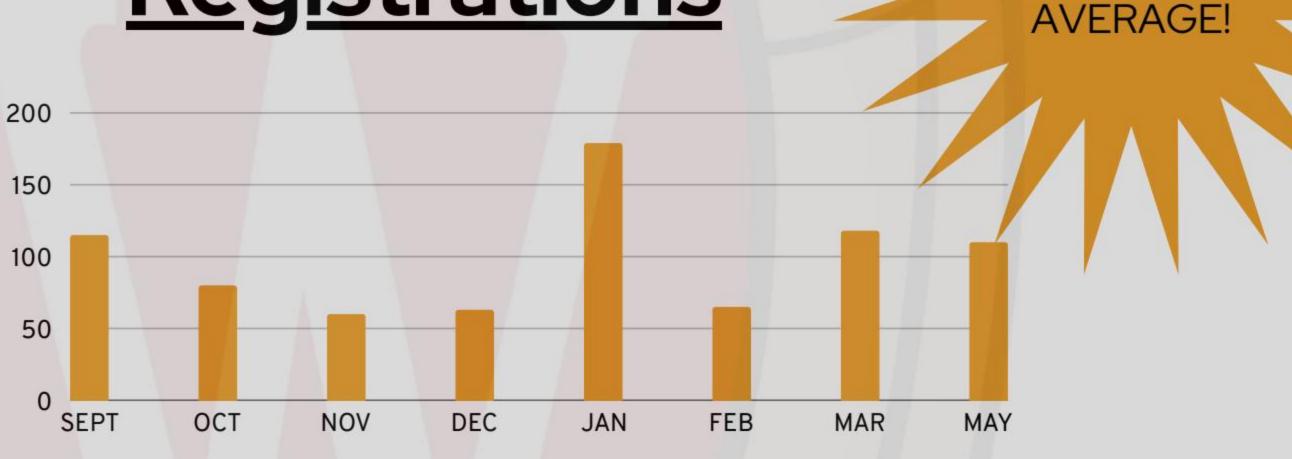


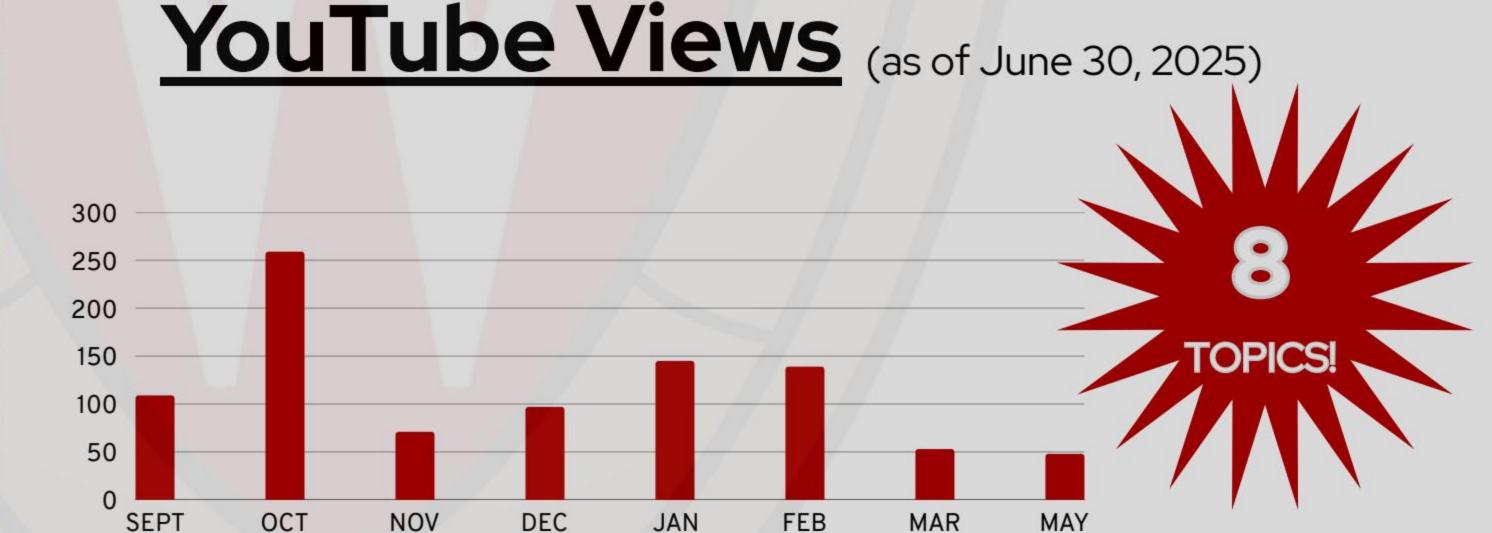


WEBINARS

GHI held eight webinars during the fiscal year which featured timely and engaging conversations with thought leaders from academia, industry, government, and NGOs.





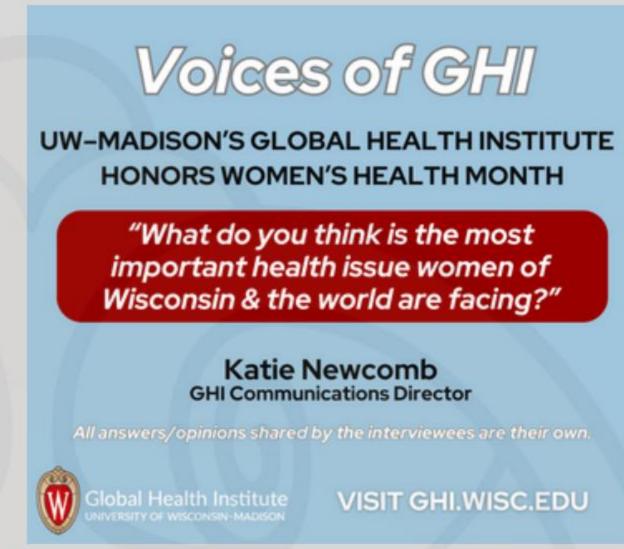


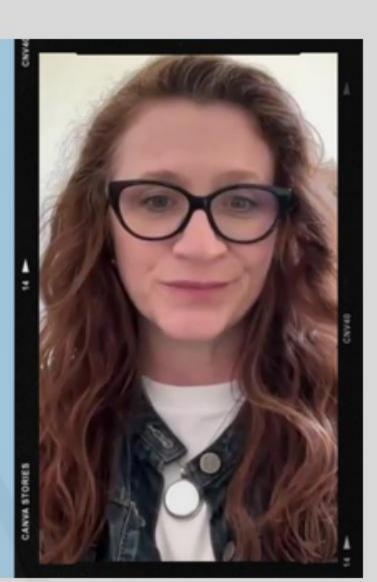


EVENTS & OUTREACH:









TOP POSTS



Bharat Biotech Gene & Cell Therapy Ribbon Cutting



Tulio de Oliviera story with Dept of Biochemistry

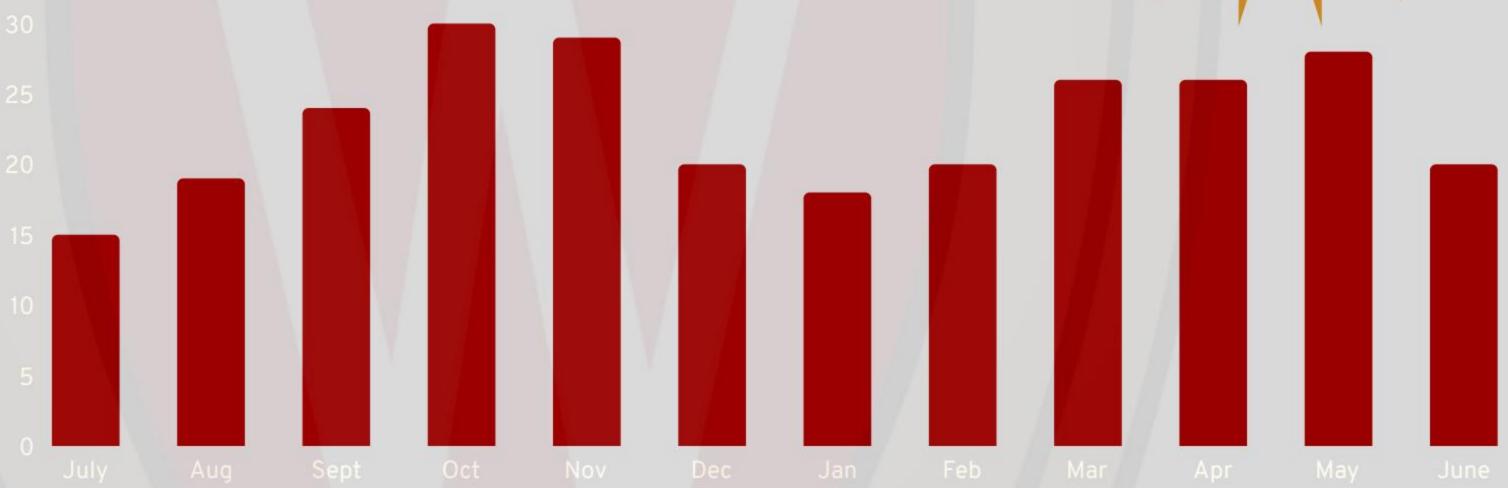


Bloomberg Story: Deep in the Jungle, with OHC - Colombia

SOCIALS

GHI saw an increase in social postings, continuing to promote global health-related news and events from across campus.







183,680

Impressions across all four social networks

SHARING CONNECTIONS ACROSS CAMPUS, WISCONSIN, & THE WORLD



VOICES OF GHI

GHI launched a new social video series to provide perspectives and insights from members of GHI's board of visitors, advisory committee, staff, students, partners, and collaborators, on a variety of public health issues affecting communities both locally and globally.

The first campaign honored Women's Health Month in May 2025. Videos are shared both on GHI's YouTube and social media channels.

TWONEW PLAYLISTS!



Voices of GHI & GHI Journeys: Global Health Thru a Student Lens

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NEWSLETTER: EVENTS+

121,828

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