

NO ONE IS COMING IT'S UP TO US

Building a Health Innovation Ecosystem

Systems Design Workshop Recap & Event Highlights 2023



Presented by:

**Global Health Security Fund
& Health Innovation Exchange**

Speakers:

Stacey Chang
& Natalie Privett, PhD
New Origin Studio

Event Details:

May 24, 2023
16:00 – 18:30
Geneva, Switzerland



“No One Is Coming, It’s Up to Us: Building a Health Innovation Ecosystem”

Systems Design Workshop Recap & Event Highlights

On Wednesday, May 24, 2023, the [Global Health Security Fund \(GHSF\)](#) and [Health Innovation Exchange \(HIEx\)](#) brought together a group of changemakers to explore how we might transform the landscape of global health innovation. This groundbreaking event was held alongside the 2023 World Health Assembly in Geneva, Switzerland.

During our time together, we took part in a series of discussions, exercises and reflections led by facilitators Natalie Privett, PhD and Stacey Chang of New Origin Studio. Attendees were provoked to identify unaddressed gaps and challenges in the existing global health innovation ecosystem, pinpoint opportunities for change, and develop action plans to address them. This unique cohort of innovators, investors, leaders, and experts helped to identify siloes and opportunities for transformation within existing systems. A foundation was established for future efforts to strengthen collaboration within the global health community.

The goals of the workshop were to:

1. Understand our roles as essential stakeholders in the global health innovation ecosystem;
2. Explore the current state of the innovation ecosystem;
3. Identify gaps and opportunities for transformation;
4. Propose actions to compel real systemic change; and
5. Establish a call to action.

The event was held at the Geneva School of Diplomacy & International Relations, which provided the perfect location for intimate conversations between stakeholders that took place in a “safe space” where thoughts would not be shared publicly. The event organizers worked carefully to bring together a curated

group of 75 registered attendees including investors, innovators, leaders, and experts with the perspective, influence, and passion to drive change.



MEET THE PRESENTERS



About Global Health Security Fund (GHS Fund)

The Global Health Security Fund (GHS Fund) is a Geneva, Switzerland-based nonprofit that supports impact investment in global health security innovation. Using a common impact assessment framework, the GHS Fund identifies promising global health security innovations, helps match these solutions to country-defined needs, and organizes the funding necessary to scale equitable, financially sustainable solutions. The GHS Fund lowers the barriers to scaling impact-focused innovation in the Global South, while building investor confidence in emerging technology ecosystems. To learn more, visit [GHSFund.org](https://ghsfund.org). Join the conversation, visit us [@GHSFund](https://twitter.com/GHSFund).



About Health Innovation Exchange (HIEx)

The Health Innovation Exchange (HIEx) identifies critical pain points in health responses of countries and connects the implementers to innovative new solutions and technologies. The HIEx, as a global entity, also connects funders and investors to innovators, thereby synergizing innovations with investments to ensure implementation of new solutions on scale for sustainable impact on journey towards the SDG3 goals. HIEx' mission is to Support countries, particularly in the Global South, to implement and leverage innovations for health in a cross-sectoral manner to fast-track progress towards the SDGs and to enable people to live healthier lives. To learn more, visit hiex.ch. Join the conversation, visit us [@UNAIDSinno](https://twitter.com/UNAIDSinno).

MEET THE SPEAKERS



Stacey Chang

Founder, New Origin Studio

Stacey Chang is a designer of new creative solutions to age-old dilemmas in health. Prior to founding New Origin Studio, Stacey served as the Founding and Executive Director of the Design Institute for Health at the University of Texas at Austin. The Design Institute was a first-of-its-kind institution, dedicated to creating systemic human-centered solutions in clinical and community contexts. Before his academic tenure, Stacey served as the Managing Director of the Healthcare practice at IDEO, the global design and innovation firm. Clients included governments, research institutions, hospitals, pharma, insurance, medtech, and all the upstarts trying to rewrite the script, in both established and emerging markets.

Stacey presents frequently and is widely published, including in the New England Journal of Medicine, NEJM Catalyst, Harvard Business Review, and Politico. He holds degrees in engineering from MIT and Stanford.

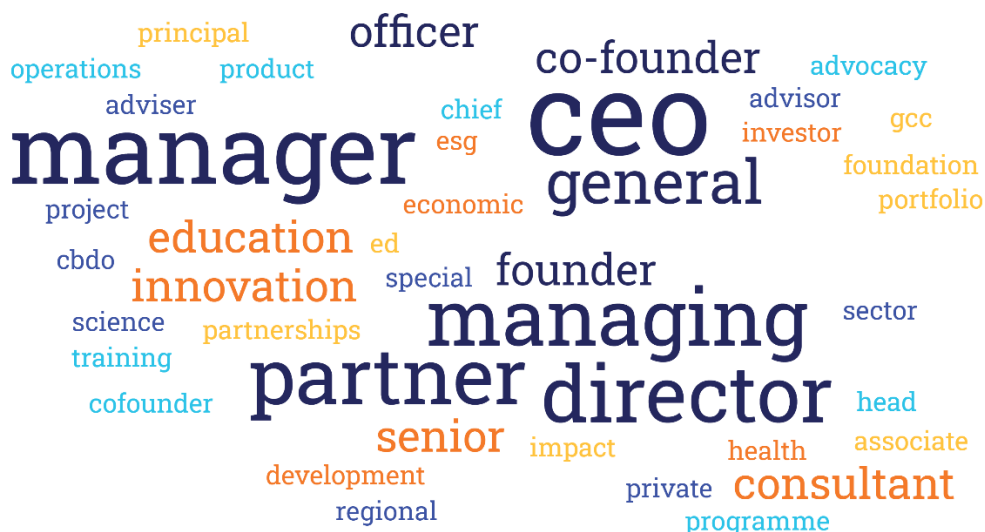


Natalie Privett, PhD
Director, New Origin Studio

Natalie Privett, PhD leans into messy challenges and complex systems. She leverages deep expertise in systems theory, design, and health systems to reframe tenacious problems and design transformational action to advance health. Before joining New Origin Studio, Natalie was Director of Systems Design at the Design Institute for Health at the Dell Medical School at the University of Texas at Austin. Concurrently, she also launched and taught for the Masters of Arts in Design in Health. Prior to University of Texas, Natalie served as Lead System Design Engineer and Assistant Professor of Health Systems Design & Global Health at the Mount Sinai Health System and Icahn School of Medicine at Mount Sinai in New York City.

Natalie has a MS and PhD in Management Science & Engineering from Stanford University and a BS in Industrial Engineering from Texas A&M University.

WORKSHOP ATTENDEES



WORKSHOP EXPECTATIONS

Voices from attendees:

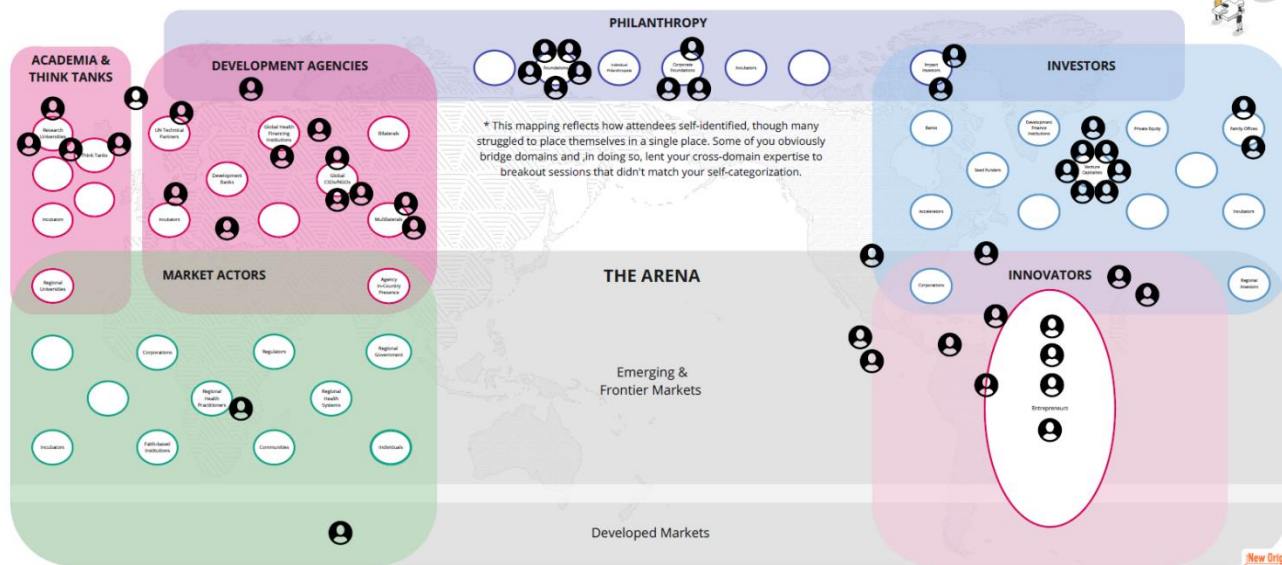
- ✓ “A clear roadmap on the partnership with the HealthTech Hub Africa”
- ✓ “Building meaning relationships so we can all create a robust investing environment to support our companies.”
- ✓ “Finally getting to a meet a lot of contacts in person, and building new relationships beyond my current geography (UK / US)”
- ✓ “Exchange of ideas and solutions for driving improved innovation in healthcare and life sciences.”
- ✓ “Learn from other experts, contribute a private-sector pharma lens where valuable.”
- ✓ “Connection with committed like-minded individuals who are not satisfied with the status quo and are willing to facilitate and take bold actions to scale up transformative innovations that will improve equity and dignity for the majority of the world's population.”
- ✓ “Get a better perspective of the health innovation landscape to be more catalytic with my investments.”
- ✓ “Connection with like-minded people who can make a difference.”

- ✓ “Looking to learn more about building a health ecosystem, hear about relevant global health topics with my team, and meet other professionals in the global health space.”
- ✓ “Shared understanding of what scope of work is needed to fill the current gaps and a tangible commitment to move the work forward.”
- ✓ “Learning from others in the health innovation ecosystem and sharing lessons on what has worked and make offers on how to leverage our work with this network.”
- ✓ “Building together.”
- ✓ “To learn from different perspectives, exchange ideas and hopefully find some interdisciplinary solutions.”
- ✓ “Understanding of priority challenges and stakeholders, networking.”
- ✓ “Participate in creating momentum within the community, potential new ideas on catalytic partnerships.”
- ✓ “Collaborations and experience sharing.”
- ✓ “Advancing impact in global health, relevant to the perspective of an investor.”
- ✓ “Attending with other partners in impact investing.”
- ✓ “Understand what role Gavi can play and connect with relevant innovation minded partners.”
- ✓ “To innovate and co-design new ways of developing the surgical care workforce.”
- ✓ “Good ideas and good people to connect with.”
- ✓ “To participate in shaping mechanisms to enable greater private sector investment in health for the Global South.”
- ✓ “Share experience and develop models with other peers for maximum impact on health.”
- ✓ “Understand opportunities.”
- ✓ “Comprehensive understanding of the most innovative solutions for healthcare and scarce workforce as well as gaps that exist within current advancements.”
- ✓ “Engage with stakeholders interested in integrating mental health into their work; share innovations and insights from our mental health partners around the world.”
- ✓ “To provide my expertise to the design workshop and learn more about how we can bridge the gaps between funding, innovation and implementation of mental health services .”
- ✓ “Networking.”
- ✓ “Investor connection.”

- ✓ “Networking and insights.”
- ✓ “Explore how we can be involved in addressing public child health problems in developing countries.”
- ✓ “New insights and updates.”
- ✓ “Understanding problems, creating prototypes, improve collaboration with teams.”
- ✓ “Health Innovation is the core of what we do and I hope to meet with like-minded organisations to make better connections within the ecosystem.”

WORKSHOP OUTCOMES: Audience Identification

GLOBAL HEALTH INNOVATION ECOSYSTEM

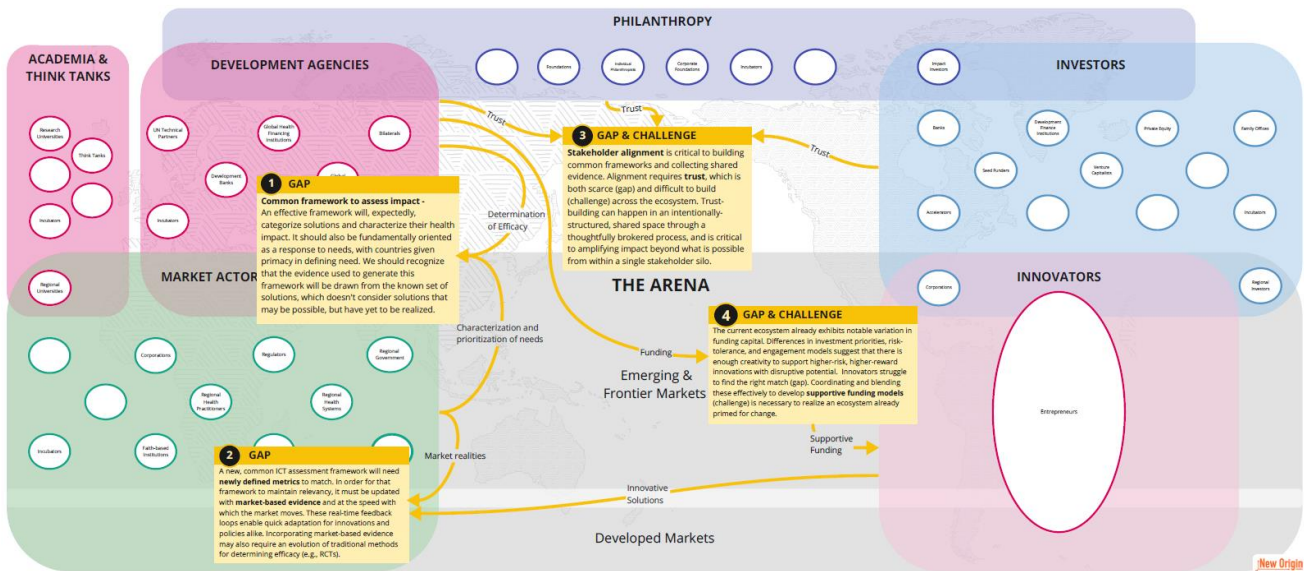


Audience stakeholders include the below representatives who were present at the workshop and participated in group thinking and design discussion:

- Academia & Think Tanks
- Development Agencies
- Market Actors
- Philanthropy
- Emerging & Frontier Markets Arena
- Developed Markets Arena
- Innovators
- Investors

Resulting Themes, Gaps & Challenges

The themes described below were identified and developed in the plenary and breakout sessions of our workshop. Importantly, these prioritized gaps, challenges, and opportunities are drawn from the feedback provided via the Next Steps postcards collected at the close of the workshop.



1. GAP: Common framework to assess impact

An effective framework will, expectedly, categorize solutions and characterize their health impact. It should also be fundamentally oriented as a response to needs, with countries given primacy in defining need. We should recognize that the evidence used to generate this framework will be drawn from the known set of solutions, which doesn't consider solutions that may be possible, but have yet to be realized.

2. GAP: A new, common ICT assessment framework will need newly defined metrics to match

In order for that framework to maintain relevancy, it must be updated with market-based evidence and at the speed with which the market moves. These real-time feedback loops enable quick adaptation for innovations and policies alike. Incorporating market-based evidence may also require an evolution of traditional methods for determining efficacy (e.g., RCTs).

3. GAP & Challenge: Stakeholder Alignment

Stakeholder alignment is critical to building common frameworks and collecting shared evidence. Alignment requires trust, which is both scarce (gap) and difficult to build (challenge) across the ecosystem. Trust-building can happen in an intentionally structured, shared space through a thoughtfully brokered process and is critical to amplifying impact beyond what is possible from within a single stakeholder silo.

4. GAP: Funding Capital

The current ecosystem already exhibits notable variation in funding capital. Differences in investment priorities, risk tolerance, and engagement models suggest that there is enough creativity to support higher- risk, higher- reward innovations with disruptive potential. Innovators struggle to find the right match (gap). Coordinating and blending these effectively to develop supportive funding models (challenge) is necessary to realize an ecosystem already primed for change.

From the speakers:

“We all gathered under the premise that collectively we could achieve more than we could individually, starting with identifying the fundamental challenges that limit innovation in global health. Enabling the primary value exchange of the ecosystem – transformative solutions judiciously matched to country- defined needs – will require coordination between a broad set of stakeholders.

“Our initial conversation reveals an emergent pathway, one that begins with a shared framework utilizing common language to assess impact, that responds to real- time market- based evidence to inform evaluation, but requires intentional and thoughtful trust- building between stakeholders. That alignment between stakeholders can then help to channel and organize the funding and investment necessary to support and scale creative solutions. The immediate next effort is to organize this intent into discrete and executable work efforts, with defined scope, timelines, and deliverables. We will be drafting these work efforts immediately, and for those of you who were keen to engage, we will ask your assistance in shaping scope, recruiting funders, and helping to execute. Please don't hesitate to reach out if you'd like to be actively involved.

“Thank you again for your commitment of time, effort, and perspective to the launch of something meaningful.”

Stacey Chang

SChang@neworiginstudio.com

Natalie Privett, PhD

NPrivett@neworiginstudio.com



Event Photos:



The workshop brought together leaders in global health across multiple sectors. (From left: Andrew Nerlinger, MD, GHS Fund Executive Director, Lisa McDonald, MD, GHS Fund President, Bill Wood, Director of the Board, Bill Wood Ventures // Shannon Shibata-Germanos, PhD, HIEEx Board, Lacuna Advisors)



Workshop speakers convene in the auditorium to recap important findings from breakout room conversations. (From left: Pradeep Kakkattil, Co-Founder, Health Innovation Exchange // Lisa McDonald, MD, GHS Fund President, Stacey Chang, Principal, New Origin Studio // Natalie Privett, PhD, Director, New Origin Studio with Dr. McDonald)

Event Photos (continued):



Attendee Feedback:



Jami Taylor, Protagonist Therapeutics

[View Testimonial](#)



Joe Stringer, Healthtech Investor

[View Testimonial](#)



Omar El Fata, Nextsense

[View Testimonial](#)



Daisy Isaiho, Zuri Health

[View Testimonial](#)

EVENT HIGHLIGHTS

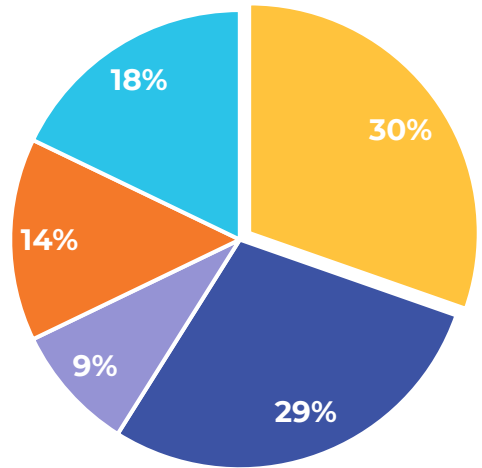
AUDIENCE REACH

64 ATTENDEES



RSVPS BREAKDOWN

- Investor
- Agency & Academia
- Market Actor
- Philanthropy
- Innovator



64

IN-PERSON ATTENDEES

20%

WALK-UPS
(13 New Arrivals)

85%

SUCCESS RATE IN
ATTENDANCE/RSVPS
(75 RSVP'd YES)

40.9% EMAIL OPEN RATE // 12.9% CLICK RATE



POSTER



 HEALTH INNOVATION EXCHANGE
ACCESS • IMPACT • INVESTMENT

 Global Health Security Fund

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**Building a Health
Innovation Ecosystem**

**SYSTEMS DESIGN
WORKSHOP**
GENEVA, SWITZERLAND

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*Stacey Chang & Dr. Natalie Privett, New Origin Studio
Presented by Global Health Security Fund &
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