

Breaking the Boundaries:

Reimagining Health Research and Clinical Practice for a Healthier Tomorrow

JUNE 9-10
New Orleans, LA



HOW TO PREPARE

This guide has been created to help attendees think about topics ahead of time, so they may actively participate and contribute to the conversation. The information in this document is not meant to be comprehensive. It is intended for general guidance.

Our goal is to create a respectful venue for participatory dialogue. Appreciating the relationships between health, biology, environment, and behavior and taking into consideration scientific, technical, and commercial advances, this symposium will strive to craft a blueprint of innovation to prevent disease and improve health outcomes from clinical encounters that builds trust in science, furthers collaboration, and accelerates translation from research to practice. The views expressed by individuals in the conduct of this symposium do not necessarily reflect the views of the sponsors or organizers.

(from our sponsor)

BACKGROUND

Health outcomes in the United States remain stubbornly below what should be achievable. This is despite biomedical research producing astonishing advances in technology to diagnose and treat human illnesses... Open dialogue between stakeholders in health innovation and coordinated effort across sectors and communities to identify a path forward is timely and necessary. Beyond identifying research priorities, we need better pathways for incentivizing and applying research. The market for research and development opportunities to prevent disease and improve health outcomes from clinical encounters is not well developed. While broad goals and ongoing work for a healthier population exist, pathways for funding, conducting, and applying innovative health research towards those goals need strengthening. Consequently, investment opportunities guided by social impact are not self-evident. Led by the Doris Duke Foundation, the **Collective to Strengthen Pathways for Health Research** is seeking to bring greater attention and resources to improve how we prevent and care for disease.

Opportunity

This symposium is one of 18 events held around the United States supported by the Collective to inform efforts to:

- **Forge pathways** that connect societal priorities for health improvements, research ideas, and commercial incentives to facilitate support for knowledge generation, and application of effective innovations to prevent and improve clinical encounters.
- **Develop a blueprint for action** that builds to reimaged funding models, to policy changes, and to industry investments that produce transformative gains in lives saved and population health.
- **Galvanize a core group of champions** for strengthened national health research funding to inform approaches for prevention and improvement in clinical encounters.

Goals

As part of a national effort, this symposium seeks to:

- Identify opportunities of societal priority to build, strengthen, reimagine, or accelerate pathways to fund, carry out, and apply (through policy or commercial and non-profit investments) research toward prevention of disease or improvement in health outcomes from clinical encounters;
- Heighten participant appreciation of and support for innovations to prevent or improve clinical encounters as areas of necessary investment to improve health;
- Elevate understanding of and engagement with the health research workforce (e.g. their training and competencies, career and commercial incentives) leading the charge to prevent or improve clinical encounters.
- Seed a cross-sectoral community with aspirations for national change in conditions to stimulate innovations to prevent or improve clinical encounters with the aim of delivering broad gains in health.



SCHEDULE AT A GLANCE

Monday, June 9



11am

Networking
Lunch



12pm

Keynote
Presentation



1pm

Group
Brainstorming
Session



2:20pm

Trainee
Presentations



3:45pm

Panel
Discussions

Tuesday, June 10



7am

Networking
Breakfast



8am

World Café
Idea-thon



11am

Keynote
Presentation



11:40am

Top 10
Summary &
Next Steps



Setting the Frame:

Sailboat Anchors & Winds

Objective(s):

- To refine a vision for the future
- To describe the facilitators (winds), barriers (anchors) and risks (rocks) to achieving this vision

Session Method:

This session will combine open discussion and post-it notes to capture audience input

Starting Premise:

We strive for a healthy society in which every individual is able to live their best life, in which rigorous scientific insights inform evidence-based care and in which preventable health challenges are prevented.

Discussion Prompt(s):

Vision:

- What is the opportunity cost to Americans' health without further investments in innovations?
- What does healthcare look like in a perfect world?
- What would research priorities and processes look like in the ideal?
- What are the steps that we would need to take to go from where we are now to where we want to be? What do we think we could accomplish in the next 12 months? 2-5 years? 5-10 years?

Winds (facilitators)

- What is working?
- What is currently propelling progress?
- What are the strengths of the players? The institutions? The processes?
- What competitive advantages are in development?

Anchors (barriers)

- What is slowing the team down?
- What are the gaps in training/workforce development?
- What expertise do we need to build?
- What processes are or appear to be intransigent?
- What stands in the way of change?"

Risks (rocks)

- What are we dismissing / not considering at the moment?
- What are areas of tension or disagreement?
- Where are there bottlenecks?
- What threatens progress?



NextGen:

Trainee Lightning Talks

Objective(s):

To involve trainees – undergraduates, graduate students, and post-graduate fellows – to offer novel solutions to the application of rigorous scientific evidence to improve health

Session Method:

In 3 slides, trainees will present succinct ideas of a barrier they have experienced or observed and a potential solution or innovation that may overcome the obstacle

“Younger Scientists Are More Innovative, Study Finds”

Younger individuals are sometimes more creative, possibly because they have not accumulated the same level of societal norms and practical limitations as more experienced individuals. This relative freedom allows folks to think innovatively and to explore unconventional solutions without being restricted by "wisdom," which can sometimes mean adhering to established ways of doing things. By Katherine Irving, The Scientist, Oct. 2022.

Discussion Prompt(s):

- How might you imagine your solution could generalize to other applications?
- If you had \$1,000,000, what would you do first toward advancing your idea?
- What role can members of the academy, community, industry and/or government play to help test your idea?
- Other



Panel Discussions

Objective(s):

To leverage insights from representatives from academic, community, government and industry sectors to prime a discussion to explore select topics in further detail.

Session Method:

This session will feature panelists to provide insights on a topic. Audience members will be invited to ask questions and offer their points of view in real time.

Discussion Prompt(s):

Panel Sessions (1) - *What is possible with a boost in funding centered on preventing disease and improving health outcomes from clinical encounters?*

- Do current clinical reimbursement models preclude preventative health measures?
- What perceived/real obstacles limit the uptake of established preventive health measures?
- Are there financial incentive strategies (e.g., to patient, to provider, to organization, to community) with demonstrated return on investment and/or improved health?
- What cross-sector collaborations do we need to bolster to advance this goal?
- When might generalizable strategies work, and when do we need tailored approaches to individual patient needs?
- What indicators would show that investments in prevention during clinical encounters are working—for individuals, systems, and populations?
- How do we get clinical service providers to reimagine clinical preventive care? What are the prominent barriers inherent in the current system (e.g., how and when one can schedule an appointment, access to specialists for rural and other populations)?
- Where does research fit in? Most clinical practices are not designed or able to participate in clinical services research. How do we change that? How can we lower the barrier to research involvement for community health centers where much of the care of lower income people takes place.



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Discussion Prompt(s):

Panel Sessions (2) - *How could we redesign and operationalize research structures and funding priorities to measurably and meaningfully improve the health of Americans?*

- How could we influence funding priorities, structures, and incentives on research outputs to increase the dissemination and implementation of evidence-based recommendations?
- What health research could happen to measurably and meaningfully improve clinical encounters and health outcomes?
- How can we forge stronger bridges between sectors to bolster knowledge generation and application of effective innovations to prevent disease?
- How can multiple sectors share the financial burden of high-risk/high-reward science?
- What would research look like if it were truly designed with community needs at its core?

Panel Sessions (3) - *How do we build and connect the relevant researcher workforce for current and future needs?*

- What new skills, knowledge, and competencies are needed in the future workforce?
- What steps can be taken now to enhance the effectiveness of teams?
- What kinds of career and commercial incentives needed to heighten engagement of the health research workforce?
- What are the opportunities to reimagine the research career path to prevent disease or improve health outcomes?
- What barriers still exist for creating a sustainable and inclusive research workforce, and how might we dismantle them?



World Cafés:

Actionable Solutions

Objective(s):

Drawing on the insights and ideas established in previous sessions, the World Cafés will foster dynamic, team-based discussion to enrich, accelerate, and integrate innovations to prevent disease or improve health outcomes from clinical encounters at scale needed to affect the health of the country, that are driven by and aligned with local priorities to improve health outcomes, and that are informed by scientific expertise and creativity.

Session Method:

In a series of three moderated discussions, teams of individuals at each table will be prompted to ideate and propose solutions that address the gaps and opportunities that have been explored throughout the meeting, with special consideration of sector point of view.

Discussion Prompt(s):

World Café 1: Research Process Perspectives / Considerations / Proposed Solutions

- In what ways do research priorities need to change to move the needle on improving health outcomes?
- Are we harnessing the full potential of sites or sectors where impactful research could be done?
- What needs to happen to efficiently build a robust pipeline of innovations to prevent disease or improve health outcomes from clinical encounters that pulls innovations into practice to improve the health of Americans?

World Café 2: Health Provider Perspectives / Considerations / Proposed Solutions

- What changes in policy or commercial incentives are needed to prevent or improve clinical encounters?
- How can we strengthen underutilized financial incentives to pull research into application?
- What are the obvious opportunities that the research enterprise could take on that could have outsized impact on health outcomes?

World Café 3: Community Perspectives / Considerations / Proposed Solutions

- What can philanthropy do to shape a blueprint for action that transcends disciplinary and funding agency boundaries for greater inclusion of the breadth of knowledge required to improve health?
- What are the benefits of and best practices for facilitating community involvement and public/private partnerships in research to prevent disease and improve health outcomes from clinical encounters?
- Which metrics would guide progress and facilitate cross-sector participation?



Top Ten:

Meeting Summary

Objective(s):


The Top Ten session hopes to capture the ideas and recommendations established in previous sessions to inform a set of priorities that can lend to a national charter for change.

Session Method:

Representatives of the meeting and the Strengthening Pathways Collective will be collecting audio, notes and pictures throughout the two-day event towards this real-time Top Ten summary, a meeting progress report and a cross-symposia Blueprint for Action. Meeting participants will be invited to react to this Top Ten Summary to offer feedback whether additional content should be considered with higher priority.

Discussion Prompt(s):

- Are the prominent ideas from the symposium reflected in the summary?
- Are there other topics, concepts or suggestions that need to be prioritized?
- How would meeting participants like to stay engaged in this dialogue?



There's a new
national conversation
about strengthening
health research.



STRENGTHENING PATHWAYS

a national conversation about health research from
THE COLLECTIVE

