U.S. NATIONAL ACADEMY OF MEDICINE
Healthy Longevity
GLOBAL GRAND CHALLENGE

Catalyzing Healthy Longevity:
National Academy of Medicine Global Innovator Summit

7:45-8:30AM Registration & Breakfast

8:30-9:00AM Welcome & Grand Prize Award Ceremony

- **Victor Dzau**, Duke University

9:05-9:30AM Catalyzing Healthy Longevity Keynote

Longer, healthier lives have the potential to transform societies, economies, health systems, and global development. Healthy longevity represents not only a scientific frontier, but one of the defining global opportunities of the 21st century. Realizing this potential will require collaboration across governments, philanthropy, investment, science, and innovation to ensure that gains in longevity translate into better health and greater well-being. By making healthy longevity a broader societal and economic priority, longer lives can become an asset for individuals, communities, and societies around the world.

- **Jim Yong Kim,** Global Infrastructure Partners

9:30-10:30AM PANEL 1: Healthy Longevity as a National Priority

Countries around the world are increasingly recognizing healthy longevity as both a scientific opportunity and a societal imperative. Governments, research agencies, and national organizations are developing strategies and investments to advance research and innovation, strengthen health and research ecosystems, and enable people to live longer, healthier lives. This panel will bring together international leaders to share how their countries are making healthy longevity a national priority through policy, investment, research, and cross-sector collaboration. Panelists will highlight emerging approaches and lessons learned, explore how national priorities are evolving, and identify opportunities for international collaboration to accelerate progress in healthy longevity worldwide.

- Moderated by **Linda Fried,** Columbia University
- Speakers:
  - **John Beard,** Columbia University
  - **Terry Fulmer**, Dartmouth College
  - **Depei Liu,** Peking University Medical College

- **Chorh Chuan Tan**, Singapore Agency for Science, Technology & Research

10:30-10:45AM BREAK

10:45AM-11:45AM PANEL 2: The Future of Healthspan: Breakthrough Science and Technologies Transforming Aging

Healthy longevity is being propelled by advances across an increasingly diverse range of scientific disciplines. From breakthroughs in the biology of aging and cellular rejuvenation to artificial intelligence, multi-omics, and precision health, researchers are developing new ways to understand and measure how we age, identify the mechanisms that drive age-related decline, and translate these insights into new approaches to prevention and treatment. This multidisciplinary panel will explore the scientific frontiers defining the next era of healthy longevity—including what we have learned, where the greatest opportunities now lie, and which emerging discoveries and technologies have the potential to meaningfully extend healthspan and improve human health.

- Moderated by **Thomas Rando,** University of California Los Angeles
- Speakers:
  - **Hal Barron**, Altos Labs
  - **Luigi Ferrucci**, National Institute on Aging, National Institutes of Health
  - **Kristen Fortney**, BioAge Labs
  - **Michael Snyder**, Stanford University School of Medicine

11:45AM-12:15PM Flash Talks: Meet the Innovators

In a series of rapid-fire presentations, Honorable Mention awardees and other Grand Prize semifinalists will offer a snapshot of their innovations and the problems they are working to solve. These brief previews will introduce attendees to the breadth of work represented at the Summit and invite them to learn more directly from the innovators later during the Healthy Longevity Experience Lab sessions later in the day.

12:15-1:15PM Lunch & Healthy Longevity Experience Lab

During the lunch hour, in-person attendees will have an opportunity to peruse exhibits – in the form of posters, demonstrations, and videos – to learn about projects that were selected as semifinalists for the NAM's Healthy Longevity Grand Prize.

1:15-2:15PM	Grand Prize Phase Awardee Spotlights

Healthy Longevity Global Competition Co-chairs welcome the Grand Prize, 2nd Place, and 3rd Place winners present their work, followed by a moderated conversation and Q&A with the audience.

- Moderated by:
  - **Roderic Pettigrew**, Healthy Longevity Global Competition Co-chair, Texas A&M University
  - **Tim Evans**, Healthy Longevity Global Competition Co-Chair, Concordia University
- Speakers: **TBA:** Grand Prize, 2nd Place, and 3rd Place Prize Winners

2:20-3:20PM	PANEL 3: Building the Healthy Longevity Innovation Ecosystem

Scientific breakthroughs alone are not enough to transform healthy longevity. Real-world impact depends on an ecosystem that supports translation—from early-stage research and proof-of-concept studies to clinical development, investment, commercialization, and broad implementation. This panel will bring together leaders from major initiatives, philanthropic organizations, venture capital, and other funding organizations to discuss how the field has evolved over the past decade, the partnerships that have accelerated progress, and the investments and collaborations needed to ensure that today's discoveries become tomorrow's health solutions.

- Moderated by **Mehmood Khan**, Hevolution Foundation
- Speakers:
  - **Dan Hartman**, Gates Foundation
  - **Cynthia Kenyon**, Calico Life Sciences
  - **Robert Tepper**, Third Rock Ventures
  - **Additional Speaker TBA**

3:20-3:45PM	Break & Healthy Longevity Experience Lab

During the extended break, in-person attendees will have an opportunity to peruse exhibits – in the form of posters, demonstrations, and videos – to learn about projects that were selected as semifinalists for the NAM's Healthy Longevity Grand Prize.

3:45-4:45PM	PANEL 4: Shaping the Future of Healthy Longevity: Ethics, Communication, and Public Trust

As advances in healthy longevity move closer to human application, they raise important ethical, societal, regulatory, and communication questions. How can the field foster innovation while ensuring scientific rigor, equity, and public trust? How should emerging interventions be evaluated and regulated, and how can their promise and limitations be

communicated responsibly? This multidisciplinary panel will explore the roles of scientists, clinicians, industry, regulators, policymakers, advocates, and the media in shaping the future of healthy longevity, including how the ways we talk about aging can influence public perceptions, expectations, and health. The discussion will consider the ethical principles, evidence standards, oversight, communication, and public engagement needed to ensure that progress in healthy longevity ultimately benefits people across society.

- Moderated by **Mildred Solomon**, Harvard Medical School, The Hastings Center for Bioethics
- Speakers:
    - **Arthur Caplan**, New York University
    - **Steven Kozlowski**, U.S. Food and Drug Administration
    - **Becca Levy**, Yale University
    - **Lina Walker**, AARP

4:45-4:55PM	**Summit Reflections**

4:55-5:00PM	**Final Remarks & Thank You**

- **Monica Bertagnolli**, National Academy of Medicine