



2025 Healthy Longevity Global Innovator Summit VIRTUAL

AGENDA SEPTEMBER 29 & 30, 2025

The U.S. National Academy of Medicine (NAM) will host its fifth annual Healthy Longevity Global Innovator Summit on September 29 and 30, 2025, to be held virtually. The event is part of the NAM's Healthy Longevity Global Competition: a multi-year prize program that aims to catalyze innovation, research, and entrepreneurship in the field of healthy longevity.

The global summit aims to convene, connect, and inspire innovation in the field of healthy longevity. Participants will hear from a set of diverse actors—including academics, policy experts, industry leaders, and entrepreneurs—and learn about the bold, innovative projects from current and past Healthy Longevity Catalyst and Accelerator Awardees. This year, the NAM's global partner organizations, sponsors of the various Catalyst Award competitions, will showcase program accomplishments and spotlight successful awardees. Two panel sessions, on healthy longevity throughout the life course and social isolation, will also feature select award-winning projects from varied disciplines.

The event is free to stream for all members of the public, with opportunities to pose questions to speakers directly. Further, international Catalyst Awardees will have the opportunity to participate in small-group breakouts to connect with fellow awardees.

Questions? Contact us at healthylongevity@nas.edu

Register for the Summit [here](#).

Watch the Summit live stream [here](#).

All registered Catalyst Awardees, speakers, and NAM global collaborator staff should have received a Zoom link for the closed sessions and specific sessions where they have speaking roles. If you need assistance, please email BPandolfiSilva@NAS.edu.

DAY 1 – MONDAY, SEPTEMBER 29, 2025 7:30AM – 12:00PM ET	
7:30 AM ET	PUBLIC SESSION BEGINS <i>Streaming session for awardees and members of the public with option for audience participation via event webpage.</i>
7:30-7:45 AM ET (15 min)	Welcome & Introductory Remarks SPEAKER: Victor J. Dzau , President, National Academy of Medicine
5 MINUTE BREAK	
7:50-8:15 AM ET (25 min)	Global Collaborator Showcase 1: Chinese Academy of Medical Sciences The team from the Chinese Academy of Medical Sciences (CAMS) will provide an overview of their Catalyst Award competition, including its design, goals, unique features, and outcomes. The session will also feature one or more CAMS awardees that have been particularly successful since receiving the Catalyst Award. SPEAKERS: <ul style="list-style-type: none"> • Jing Xie, Program officer, Office of International Affairs, Chinese Academy of Medical Sciences • Ming Li, Xuanwu Hospital, Capital Medical University (Awardee) • Li Wei, Social Work Department, Peking Union Medical College Hospital, Chinese Academy of Medical Sciences (Awardee)
5 MINUTE BREAK	
8:20-8:45 AM ET (25 min)	Global Collaborator Showcase 2: UK Research & Innovation The team from UK Research & Innovation (UKRI) will provide an overview of their Catalyst Award competition—its design, goals, unique features, and outcomes. The session will also feature one or more UKRI awardees that have been particularly successful since receiving the Catalyst Award. SPEAKERS: <ul style="list-style-type: none"> • Rachel Carey, Chief Scientist, Zinc VC • Sophie Richter, AiKNIT (Awardee) • Suzanne Eldridge, Queen Mary University College London (Awardee)
5 MINUTE BREAK	
8:50-9:15 AM ET (25 min)	Global Collaborator Showcase 3: National Academy of Medicine The team from the National Academy of Medicine (NAM) will provide an overview of their Catalyst Award competition, including its design, goals, unique features, and outcomes. SPEAKERS: <ul style="list-style-type: none"> • Michele Toplitz, Program Director, Healthy Longevity Global Grand Challenge, National Academy of Medicine • Steve Downs, Building H (Awardee)

5 MINUTE BREAK	
9:20-10:20 AM ET (60 min)	<p>Healthy Longevity Across the Life Course [PANEL]</p> <p>This session will begin with a brief presentation on the World Health Organization's 2025 Framework to implement a life course approach in practice followed by a showcase and discussion with global Catalyst Awardees. Selected for their projects that focus on different life stages—including early childhood, adolescence, working age, and older adulthood—and/or include an intergenerational component, the awardees will speak to how their innovative work supports health throughout the life course.</p> <p>MODERATOR: Ritu Sadana, Head, Ageing and Health, World Health Organization</p> <p>SPEAKERS (with Catalyst sponsor & project):</p> <ul style="list-style-type: none"> • Ilhem Berrou (UK Research & Innovation) - CHERIE: Community Health Education, screening and prEvention • Yujun Hou (Research Grants Council of the Hong Kong Special Administrative Region, China) - Multitarget mechanism and application of small molecule compound PL402 in the treatment of Alzheimer's disease • Angela Narayan (National Academy of Medicine) - Positive Childhood Experiences to Counteract Childhood Adversity in Marginalized Families • Vinod A Prasad (Ministry of Health and National Research Foundation of Singapore) - Brain-Computer Interface based Neuroenhancement System for Sustaining Short-term Memory, Focused Attention, Visuospatial Attention and Error-related Potentials in Mild Cognitive Impairment Patients
10 MINUTE BREAK	
10:30-10:50 AM ET (20 min)	<p>AWARDEE SPOTLIGHT SESSION</p> <p>SPEAKER: Jenny Sones</p> <p>Catalyst sponsor: National Academy of Medicine (2022)</p> <p>Project title: Effects of maternal obesity on oocyte aging in female offspring of the BPH/5 preeclamptic-like mouse</p>
5 MINUTE BREAK	
10:55 AM- 12:00 PM ET (65 min)	<p>CLOSED SESSION – INNOVATORS CONNECT</p> <p><i>Closed session via Zoom for Catalyst Awardees and Global Collaborator teams.</i></p>

See next page for Day 2

DAY 2 – TUESDAY, SEPTEMBER 30, 2025 7:00AM – 12:00PM ET	
7:00-7:55 AM ET (55 min)	CLOSED SESSION BEGINS – INNOVATORS CONNECT <i>Closed session via Zoom for Catalyst Awardees and Global Collaborator teams.</i>
5 MINUTE BREAK	
8:00 AM ET	PUBLIC SESSION BEGINS <i>Streaming session for awardees and members of the public with option for audience participation via event webpage.</i>
8:00-8:25 AM ET (25 min)	Global Collaborator Showcase 4: Ministry of Health of Singapore The team from the Ministry of Health (MoH) of Singapore will provide an overview of their Catalyst Award competition, including its design, goals, unique features, and outcomes. The session will also feature one or more MOH awardees that have been particularly successful since receiving the Catalyst Award. SPEAKERS: <ul style="list-style-type: none"> • Tricia Teo, Assistant Director, Research Grants, National Medical Research Council (NMRC) Office • Lim Jie En (Co-Investigator), on behalf of Professor Tan Ngiap Chuan (Principal Investigator), Research Officer, SingHealth Polyclinics (Awardee)
5 MINUTE BREAK	
8:30-8:50 AM ET (20 min)	AWARDEE SPOTLIGHT SESSION SPEAKERS: Sungmee Park & Sundaresan Jayaraman Catalyst sponsor: National Academy of Medicine Project title: Enhancing Health Longevity of Individuals with Limited Mobility
10 MINUTE BREAK	
9:00-10:00 AM ET (60 min)	Addressing Social Isolation through Innovation in Healthy Longevity [PANEL] This session will feature a diverse group of global awardees who will briefly present their projects and engage in a discussion on the importance of mental health for healthy longevity. MODERATOR: Thomas Cudjoe , Associate Professor of Geriatric Medicine and Gerontology, Johns Hopkins University AWARDEE SPEAKERS (with Catalyst sponsor & project): <ul style="list-style-type: none"> • Jane Chung (National Institute on Aging/National Institutes of Health) - Voice2Connect: Informing the Design of Smart Speakers for Social Connectedness in Low-income Older Adults • Tot Foster (UK Research & Innovation) - Tabletop Travels

	<ul style="list-style-type: none"> • Paloma Lillo (Agency for Research and Development of Chile) - E-ACTIVE AGING: effects of active exergames programs on muscle strength, lower limb muscle mass and physical fitness in older adults at risk of falls • Alexander Novokhodko (National Academy of Medicine) - System for Improving Quality of Life and Mobility in Kidney and Liver Failure • Jennifer Stamps (National Academy of Medicine) - Expanding a Multimodality VR Fitness Platform to Remotely Assess, Monitor, and Report Cognitive and Physical Function for Seniors
5 MINUTE BREAK	
10:05-10:30 AM ET (25 min)	<p>Global Collaborator Showcase 5: Agency for Research and Development of Chile</p> <p>The team from the Agency for Research and Development (ANID) of Chile will provide an overview of their Catalyst Award competition, including its design, goals, unique features, and outcomes. The session will also feature one or more ANID awardees that have been particularly successful since receiving the Catalyst Award.</p> <p>SPEAKERS:</p> <ul style="list-style-type: none"> • Cristián Lagos Villegas, Agency for Research and Development of Chile • Nelson McArdle Draguicevic, University of Magallanes (Awardee) • Juan Carlos Forero Oliveros, Universidad de Valparaíso (Awardee)
10:30-10:45 AM ET (15 min)	<p>Wrap-Up & Celebration of 2025 Catalyst Awardees</p> <p>SPEAKER:</p> <ul style="list-style-type: none"> • Michele Toplitz, Program Director, Healthy Longevity Global Grand Challenge, National Academy of Medicine
10:45 AM ET	Adjourn