National Heart, Lung, and Blood Institute

The NHLBI Strategic Vision

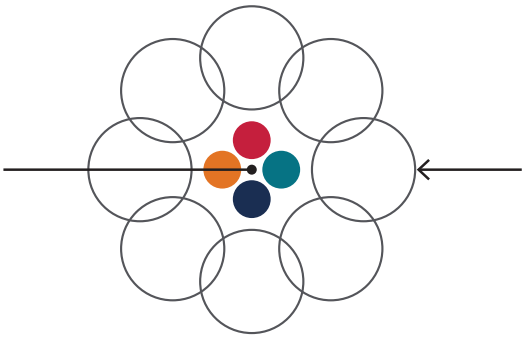
Accelerating our journey towards scientific and health advances in the next decade.

- Identifies and prioritizes the most compelling science
- Closes existing gaps in knowledge
- Breaks down barriers to research progress

Strategic Vision Goals and Objectives

- UNDERSTAND HUMAN BIOLOGY
- REDUCE HUMAN DISEASE
- ADVANCE TRANSLATIONAL RESEARCH
- DEVELOP WORKFORCE AND RESOURCES

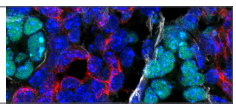
4 mission-oriented goals are at the center of the Strategic Vision



8 objectives provide a framework for moving heart, lung, blood, and sleep (HLBS) science forward

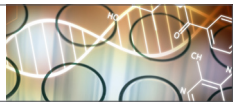
1. Understand normal biological function and resilience

2. Investigate newly discovered pathobiological mechanisms important to the onset and progression of HLBS diseases



3. Investigate factors that account for differences in health among populations

4. Identify factors that account for individual differences in pathobiology and in responses to treatments



5. Develop and optimize novel diagnostic and therapeutic strategies to prevent, treat, and cure HLBS diseases

6. Optimize clinical and implementation research to improve health and reduce disease

7. Leverage emerging opportunities in data science to open new frontiers in HLBS research

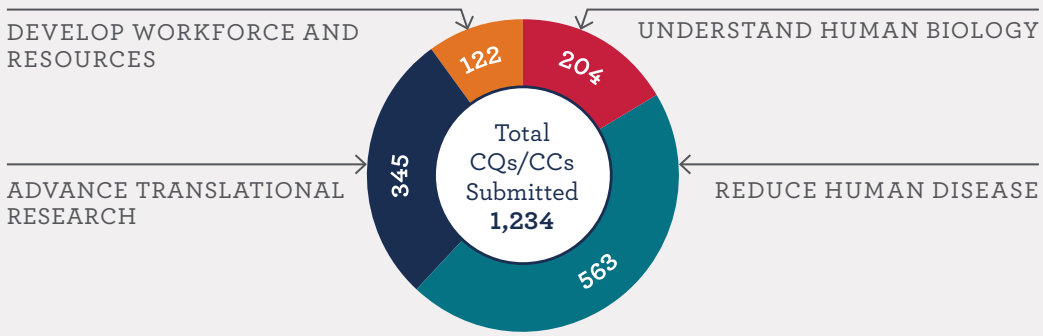
8. Further develop, diversify, and sustain a scientific workforce capable of accomplishing the NHLBI's mission

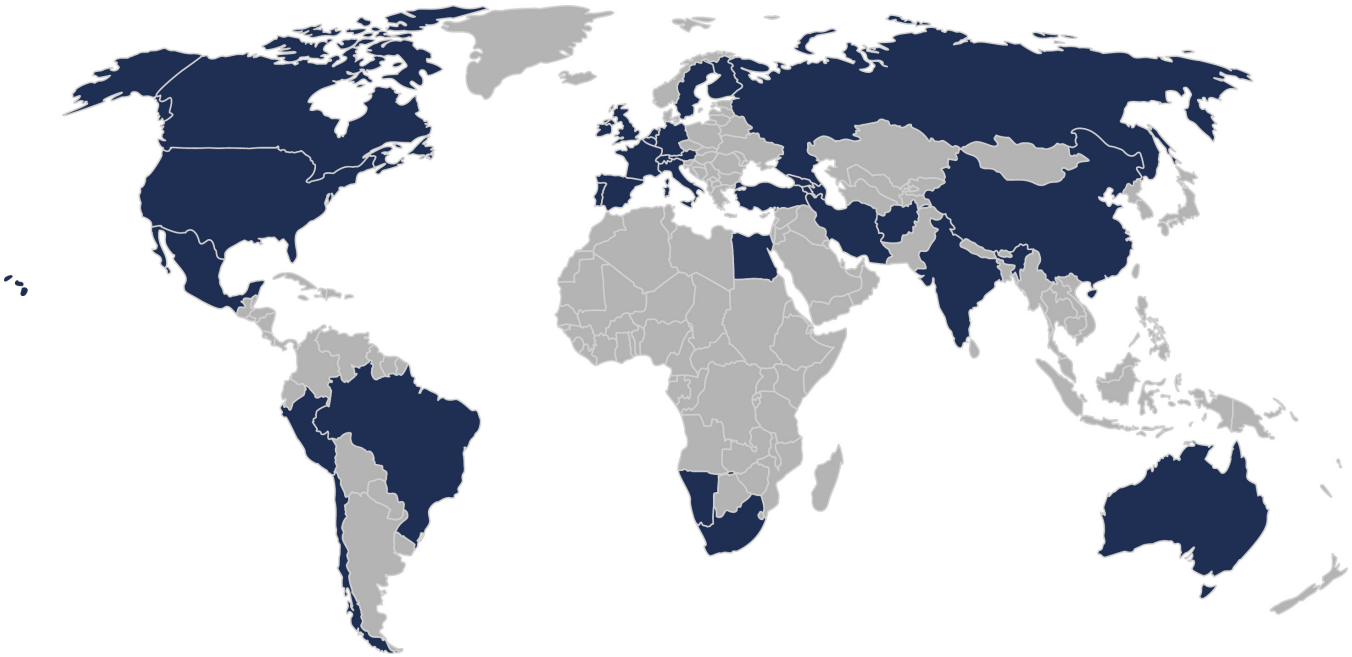
Strategic Visioning Process

Focused on the need to:

- Anticipate and capitalize on emerging scientific opportunities
- Foresee and identify approaches to overcome emerging barriers to progress
- Acknowledge transformational scientific advances that are emerging at an accelerated pace

COMPELLING QUESTIONS (CQs)/CRITICAL CHALLENGES (CCs) SUBMITTED: BREAKDOWN BY GOAL



GLOBAL PARTICIPATION IN STRATEGIC VISIONING

■ Participants came from 50 states and 42 countries
Registered Users on the Strategic Visioning Forum: 4,450; Ideas Supported: 42,000