



The Lawrence Hall of Science at the University of California, Berkeley

Commitment Statement in support of the The National Academies of Sciences,
Engineering, and Medicine Board on Science Education Commitment to the
Collaborative on Advancing Science Teaching and Learning in K-12


December 18, 2025

On behalf of the Lawrence Hall of Science at the University of California, Berkeley, we are pleased to express our strong commitment to supporting the goals of the National Academies of Sciences, Engineering, and Medicine's Action Collaborative on Advancing Science Teaching and Learning in K-12 (CASTL-K12).

The mission of the Lawrence Hall of Science aligns closely with the vision of science education articulated in the *Framework for K-12 Science Education*. As UC Berkeley's public science center, we are dedicated to inspiring and engaging in science discovery and learning in ways that advance equity and opportunity. Research is core to our work; we build on existing research and study learning in order to foster equity, innovation, and effectiveness in science education. Specifically, our Center for K-12 Science works to address inequities, foster inclusive learning environments, and promote sustainable, systemic change in K-12 education.

We fully support CASTL-K12's mission to advance high-quality science education and are eager to contribute to the following goals:

- Developing a coherent strategy for supporting the implementation of science standards across states and districts: Our expertise in creating high-quality instructional materials and leadership development programs equips us to contribute innovative strategies to this effort.
- Launching and coordinating a networked community of practice for stakeholders at all levels and across sectors: Through initiatives focused on improving science teaching, learning, and leadership development, we excel



in fostering meaningful collaboration among stakeholders to advance equitable access to science education.

- Building on and sharing existing evidence-based policies, tools, and examples: We are excited to share our current evidence-based approaches and tools and plan to use our CASTL-K12 learnings and efforts to refine and amplify our evidence-based approaches with our multiple educator audiences to help drive equitable student outcomes.
- Developing a coherent communication and engagement strategy for advancing K-12 science and engineering education broadly: Drawing on our leadership and experience with national discourses, convenings, and collaborations with multiple state and district leaders, we have honed strategies for engaging diverse audiences and promoting promising practices and resources.

The Lawrence Hall of Science commits to supporting the goals of the National Academies of Sciences, Engineering, and Medicine's Action Collaborative on Advancing Science Teaching and Learning in K-12.

Our shared vision and ongoing efforts uniquely position us to contribute meaningfully to CASTL-K12's mission. We are excited about the opportunity to collaborate with partners across sectors, amplify the impact of our work, and advance the equitable implementation of science education standards nationwide.

Sincerely,



Rena Dorph, Ph.D.
Director, The Lawrence Hall of Science, UC Berkeley



Jessica Parker, Ph.D.
Executive Director, Learning Group, The Lawrence Hall of Science, UC Berkeley