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Commitment Statement in support of the National Academies of Sciences, Engineering, and
Medicine Collaborative on Advancing Science Teaching and Learning in K–12

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An initiative of Harvard University's Office of the Vice Provost for Advances in Learning, LabXchange envisions a world where everyone has equal access to STEMM education and career resources. Through free, high-quality science learning content that links learning to career paths, LabXchange empowers everyone, everywhere, to follow their own path in science.

In *A Framework for K–12 Science Education: Practices, Crosscutting Concepts, and Core Ideas*, the National Academies of Science, Engineering, and Medicine assert that science, engineering, and technology hold the key to solving many of humanity's most pressing current and future challenges—but that the United States' position in the global economy is declining, in part because U.S. workers lack fundamental knowledge in these fields.

To ensure that U.S. students experience a world-class science education and inspire them to pursue STEM careers that align with their passions, LabXchange is joining other institutions and the National Academies of Sciences, Engineering, and Medicine to form an Action Collaborative on Advancing Science Teaching and Learning in K–12. With the other institutional members of the Action Collaborative, we aim to achieve targeted, collective action toward advancing K–12 science and engineering education through cross-sector collaborations that allow us to tackle persistent problems together.

CASTL-K12 will pursue four primary goals:

- develop a coherent strategy for supporting implementation of science standards across states and districts,
- launch and coordinate a networked community of practice for stakeholders at all levels and across sectors,
- build on and share existing evidence-based policies, tools, and examples, and
- develop a coherent communication and engagement strategy for advancing K–12 science and engineering education broadly.

LabXchange commits to supporting the goals of the National Academies of Science, Engineering, and Medicine's Action Collaborative on Advancing Science Teaching and Learning in K–12.

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