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Transforming Science Education through Research-Driven Innovation

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BSCS Science Learning is an independent nonprofit that has been at the leading edge of science education reform in the US for over 65 years. Our work is motivated by our vision of a world in which everyone enters adulthood prepared to use science to build a better future for themselves and their communities. In our pursuit of this vision, BSCS engages in research, development, and implementation in three areas: resources to support teaching and learning, professional learning for educators, and development of leaders.

Our research-driven innovation has already brought student-centered inquiry learning to thousands of science classrooms in communities across the US, but we are committed to improving science learning for all young people, particularly those in underserved communities.

BSCS has used the National Research Council's *Framework for the Improvement of K-12 Science Education* since its release in 2012 as a guiding document for our efforts to improve science teaching and learning in schools. For example, the *Framework* guided the instructional materials development efforts that created the OpenSciEd Middle School Science Program and *BSCS Biology: Understanding for Life* in recent years. In addition, we organize our teacher professional learning programs and our district- and state-level leadership development efforts around the *Framework*.

BSCS has a deep and abiding commitment to coordinated action, so we are pleased to commit 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* (CASTL-K12). These include the following four primary goals:

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

Signed,



Daniel C. Edelson, Ph.D.  
Executive Director