

Inspiring the Next Generation of Scientists to Transform the Future of Healthcare

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» As a global, science-led biopharmaceutical company, AstraZeneca seeks to leverage its reach, scale and expertise to effect real change in our communities and society. To continue transforming the lives of millions of patients around the world, AstraZeneca supports the development of the next generation of scientists and engineers through contribution to the STEM (Science, Technology, Engineering, and Mathematics) curriculum provided to current students and practitioners.

This past fall, AstraZeneca and its partners Learning Undeclared and Discovery Education celebrated the first anniversary of its STEM program, Generation Health: How Science Powers Us. This three-year initiative is designed to make learning about health and disease engaging, accessible, and exciting for students in grades 6-8, primarily in under-resourced schools across the country.



Generation Health provides hands-on, standards-aligned STEM learning activities where students investigate both preventative measures and innovative solutions to key health concerns in the areas of oncology, cardiovascular, and respiratory disease. Through the initiative's website alone, more than 1 million students have been engaged in its first year alone. The program provides a suite of educational resources, including,

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Learning Undeclared's Drop Anywhere Labs, custom-outfitted STEM learning spaces built from modified shipping containers. These light, easy-to-access and inexpensive labs provide a range of career and skills education for middle school students, as well as flexible in-classroom resources that empower teachers and enables them to serve up to four classes simultaneously.

As the COVID-19 pandemic disrupted classroom education across the United States, as well as around the world, AstraZeneca and its partners created and distributed at-home science kits to high school biology students in Maryland to help enhance their online curriculum with hands-on, practical exposure to subject matter through observation and experimentation. This year, AstraZeneca, working with stakeholders in the community, will send 1,000 kits to students in Delaware.

AstraZeneca has also developed new infectious disease e-learning modules

and introduced an "Ask a Scientist" video series that aim to educate and inspire today's students to be champions of science and health literacy, especially during these unprecedented times. In these videos, AstraZeneca scientists break down complex topics underpinning the research that will lead to the next wave of innovative medicines. The bite-sized content is accessible to people of any age and background. The ambition is to create a new model for making research accessible – and to encourage everyone to be a champion of science.

AstraZeneca is proud of the progress it has made on behalf of STEM education but recognizes that there is far more to be done. The company remains committed to continuing this momentum and leveraging its global reach to elevate science across many channels and to make STEM education accessible to all.

To learn more about the Generation Health program, visit www.HowSciencePowersUs.com.