CARNEGIE SCIENCE CENTER TO TRAIN 2,000 TEACHERS BY 2020
NEW INITIATIVE IS PART OF NATIONAL 100KIN10 PROGRAM

PITTSBURGH, Feb. 17, 2016 — By 2020, Carnegie Science Center will improve efficacy and retention of educators by training 2,000 teachers in STEM teaching practices as part of the 100Kin10 national initiative. 100Kin10, a national network coordinating and accelerating efforts to bring 100,000 new excellent science, technology, engineering, and math (STEM) teachers into schools by 2021, announced today the addition of 49 new partner organizations, including Carnegie Science Center, Girls Who Code, Harvard Graduate School of Education, Penn State University, The San Diego Zoo, and many more.

The 100Kin10 national network now includes more than 280 of the country’s top businesses, nonprofits, foundations, and academic institutions working toward this common goal.

Existing 100Kin10 partners have made great strides toward this goal, training more than 28,000 STEM educators for our nation’s schools in the first four years of the effort, while supporting tens of thousands more to improve their skills and stay in the classroom longer. The incoming class of partners, the organization’s largest to date, comes at a pivotal point in 100Kin10’s growth as they reach a halfway mark since President Obama’s call for 100,000 more and better STEM educators in his 2011 State of the Union address, a charge recently echoed in the White House’s “Computer Science for All” initiative.

Carnegie Science Center’s plan will include working with K-12 teachers to integrate instructional best practices, to introduce students to the concepts of “making,” and to encourage structuring classroom time to support inquiry-based learning. The Science Center intends to launch a professional development catalogue focused on those goals for the 2016-17 school year.

In addition, the Science Center’s 100Kin10 commitment will rely extensively on its existing Carnegie STEM Excellence Pathway, a rubric to help schools assess current STEM programming and create – and implement – a strategic, practical plan for improvement. Already, more than 7,000 schools across the nation have joined the Carnegie STEM Excellence Pathway -- a reach of 3.8 million students.
“STEM is at the core of the most pressing challenges of the 21st century. To solve them, we need to activate all the brainpower and diverse experiences of our nation’s most precious natural resource: its people. Without excellent STEM teachers inspiring all of our nation’s youth, this challenge will continue to elude us,” said 100Kin10 co-founder and Executive Director Talia Milgrom-Elcott. “100Kin10 partners are bringing their individual passion, strengths, ideas, and resources to create solutions and together forge a path forward to reach the goal of 100,000 excellent STEM teachers.”

100Kin10 partners have access to exclusive research, learning, innovation, and funding opportunities, all designed to foster collaborative problem-solving and support partners to fulfill their ambitious commitments and overcome the system-level challenges to achieving 100Kin10’s shared goal.

“The training educators to teach STEM effectively is the first step to inspiring learners who will fill the gaps in our nation’s STEM workforce,” said Jason Brown, Carnegie Science Center’s Director of Science & Education. “We look forward to our partnership with 100Kin10 and to working with teachers to integrate STEM teaching processes into the classroom.”

Organizations are accepted as 100Kin10 partners following a rigorous vetting process conducted by a team of partner reviewers and a national selection panel of experts in education and STEM. Applicants are considered for partnership based on their organizational strength and STEM and teaching expertise; clear, meaningful commitments toward the 100,000 STEM teacher goal; and dedication to building the 100Kin10 movement.

About Carnegie Science Center

Carnegie Science Center is dedicated to inspiring learning and curiosity by connecting science and technology with everyday life. By making science both relevant and fun, the Science Center’s goal is to increase science literacy in the region and motivate young people to seek careers in science and technology. One of the four Carnegie Museums of Pittsburgh, the Science Center is Pittsburgh’s premier science exploration destination, reaching more than 700,000 people annually through its hands-on exhibits, camps, classes, and off-site education programs.

About Carnegie Museums of Pittsburgh

Founded by Andrew Carnegie 120 years ago, Carnegie Museums of Pittsburgh is a collection of four distinctive museums dedicated to exploration through art and science: Carnegie Museum of Art, Carnegie Museum of Natural History, Carnegie Science Center, and The Andy Warhol Museum. The museums reach more than 1.3 million people a year through exhibitions, educational programs, outreach activities, and special events.

About 100Kin10

100Kin10 is an organization committed to recruiting, training, and retaining 100,000 excellent science, technology, engineering, and math (STEM) teachers by 2021. 100Kin10 encourages multi-sector collaboration and provides the vision and resources to help nonprofits, foundations,
academic institutions and businesses meet their ambitious commitments to educate the next

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