39 New Partners Join 100Kin10, Commit to Bold Efforts to Train and Retain Excellent STEM Teachers

"The magnitude and complexity of the challenge of 100,000 excellent STEM teachers demand new ways to galvanize an array of organizations from universities and nonprofits to states and media companies," noted Talia Milgrom-Elcott, program officer at Carnegie Corporation of New York who, with Maya Lundhagen of Opportunity Equation, is leading this effort. "That is why Carnegie Corporation and Opportunity Equation created 100Kin10, a national network through which a broad cross-section of best-in-class organizations commit to take action in a networked way toward the overall goal. We are enthusiastic about the contributions of this newest cohort of 100Kin10 partners and welcome them to the effort."

More and better trained STEM teachers are essential to preparing America’s students to fully participate in our democracy and to comprehend, and devise solutions to, complex national and global challenges. All students—not just those fortunate enough to attend certain schools—must have STEM literacy to find meaningful employment in a rapidly changing economy that has at its center a range of jobs based on skills grounded in the STEM disciplines. The 39 new partners—ranging from the American Federation of Teachers, TED-Ed, American Chemical Society, and Girl Scouts to Rider University and the San Francisco Teacher Residency—are unified by a single, ambitious goal: to prepare all students with the high-quality STEM knowledge and skills to equip them for success in college and the workplace.

“National Geographic Education is excited to partner with 100Kin10 and a group of innovative organizations dedicated to the common goal of meeting our nation’s need for qualified STEM teachers,” said Daniel Edelson, Vice President for Education at National Geographic. “We have been concerned that the earth and environmental sciences have been left behind in previous waves of STEM education reform, so we are pleased to be able to bring our focus on teachers of those subjects to 100Kin10.”
Organizations are accepted as 100Kin10 partners following a rigorous vetting process conducted by the University of Chicago, which reviews the boldness and innovative nature of each organization’s commitment(s) toward expanding, improving, and retaining the best of the nation’s STEM teaching force, or building the 100Kin10 movement, while also determining the organization’s capacity to meet the proposed commitment.

Each nominated organization must demonstrate its unique resources and know-how, as well as a proven ability to deploy those assets creatively and strategically to address the nation’s shortage of STEM teachers and ensure high-quality STEM learning for all students. A complete list of partners—with new partners highlighted—appears below and is also available on the 100Kin10 website.

All partners bring content expertise and programmatic or funding capacity to advance the initiative. As they fulfill their ambitious commitments and work together to spark innovation, they have access to exclusive opportunities, including competitive research grants, leading-practice case studies, capacity-building workshops, collaboration grants, and a funding marketplace. To date, 28 partners have engaged in joint problem-solving or new, collective work as a result of 13 collaboration grants, and more than 32 innovation grants have been awarded to 22 different 100Kin10 partners.

**About 100Kin10**
100Kin10 is a multi-sector mobilization that responds to the national imperative to train 100,000 excellent science, technology, engineering, and math (STEM) teachers over the coming 10 years. The partnership was founded and is led by Carnegie Corporation of New York and Opportunity Equation.

Additional comments from 100Kin10 partners:

“The Dana Center is honored to join the 100Kin10 movement as it so clearly reflects our core commitments to improving math and science education in the United States,” said Uri Treisman, director of the Charles A. Dana Center at the University of Texas at Austin. “We look forward to supporting our nation’s teachers by equipping them with the tools and opportunities they need to nurture their students’ interest in STEM careers.”

“Our Innovation Economy here in Massachusetts relies heavily on the STEM industries for continued growth and future strength,” said Massachusetts Secretary of Education Matthew Malone. “We are thrilled to be part of 100Kin10 to engage more of our students in STEM subjects from their earliest years, and key to that effort is recruiting and professionally supporting the best and brightest teachers, from Pre-K on, who will help us inspire and prepare our students for success in these critical fields.”

“As former teachers ourselves, we believe that addressing the STEM challenge requires supporting high-quality teaching,” said Mathalicious Founder Karim Kai Ani. “We’re excited to be a member of the 100Kin10 network, and are thrilled to provide teachers with lessons that help them engage their students to think critically about the world.”

“We are proud to be one of the few school districts in the country participating in 100Kin10, and have made it a priority to open new STEM schools as we continue to raise the bar to prepare...
students for college and careers. Every student should have access to rigorous math and science classes, but we can’t do it without more STEM teachers. The future of our children and our country rests on being able to compete in the 21st century workforce,” said New York City Department of Education Chancellor Dennis M. Walcott.

The complete list of partners follows:

Academy for Urban School Leadership • The Achievement Network • The Algebra Project, Inc. • American Association of Physics Teachers • American Chemical Society • American Federation of Teachers • American Modeling Teachers Association • American Museum of Natural History • Amgen Foundation (F) • Ashoka Changemakers* • Aspire Teacher Residency • Baltimore City Public Schools • Bank Street College of Education • S.D. Bechtel, Jr. Foundation (F) • Boston College • The Boston Foundation (F) • Boston Teacher Residency • Breakthrough Collaborative • The Broad Institute of Harvard & MIT • CA Technologies (F) • Cal Teach at University of California Irvine • California State University • California STEM Learning Network • Capital Teaching Residency • Carnegie Corporation of New York (F) • Center For High Impact Philanthropy • Center for Mathematics Education at the University of Maryland, College Park • Change the Equation • Charles A. Dana Center • Chattanooga-Hamilton County Public Education Foundation • Citizen Schools • Clinton Global Initiative • DC Public Schools • Michael & Susan Dell Foundation (F) • Denver School of Science and Technology • Denver Teacher Residency • DonorsChoose.org • The Dow Chemical Company (F) • Drexel University School of Education • Educate Texas • Education Pioneers • ElevateED • EnCorps • Erikson Institute • Exploratorium Institute for Inquiry • Florida International University • Freeport-McMoRan Copper & Gold Foundation (F) • The Bill & Melinda Gates Foundation (F) • Girl Scouts • GOOD • GOOD/Corps • Google (F) • The Greater Texas Foundation (F) • Gulf of Maine Research Institute • Hamilton County (Tenn.) Department of Education • Heising-Simons Foundation (F) • The William and Flora Hewlett Foundation (F) • High Tech High • IDEA Public Schools • Illustrative Mathematics • Indiana Department of Education • Industry Initiatives for Science and Math Education • Intel Corporation • Internationals Network for Public Schools • Jhumki Basu Foundation • JP Morgan Chase Foundation (F) • Kenan Fellows Program for Curriculum and Leadership Development • KIPP Houston • Lawrence Hall of Science • Learning Research and Development Center at the University of Pittsburgh • Lehman College (Research Foundation of The City University of New York) • Los Angeles Unified School District • Loyola Marymount University School of Education • John D. and Catherine T. MacArthur Foundation (F) • Mary Lou Fulton Teachers College at Arizona State University • Maryland Business Roundtable for Education • Mass Insight Education & Research Institute • Massachusetts Executive Office of Education • MATCH Teacher Residency • Mathalicious • Memphis Teacher Residency • Merrimack College • Michigan State University • Montclair State University • Museum of Science and Industry • Mytonomy • National Academy Foundation • National Academy of Sciences • National Aeronautics and Space Administration (NASA) • National Association for Research in Science Teaching • National Center for STEM Elementary Education at St. Catherine University • National Center for Technological Literacy at the Museum of Science, Boston • National Commission on Teaching and America’s Future • National Council of Teachers of Mathematics • National Geographic Education Program • National Math and Science Initiative • National Oceanic and Atmospheric Administration • National Science Foundation • National Science Teachers Association • NewSchools Venture Fund (F) • New Teacher Center • New Visions for Public Schools • New York Academy of Sciences • New York City Department of Education • New York Hall of Science • North Carolina New Schools Project • NYU Steinhardt School of Culture, Education, and Human Development • Office of Colorado State Senator Mike Johnston • Opportunity Equation • PhET Interactive Simulations at the University of Colorado Boulder • Philadelphia Education Fund • PhysTec (led by APS, in partnership with AAPT) • Polytechnic Institute of New York University • Public Impact • Relay School of Education • Rider University • RoadtripNation.org • Samueli Foundation (F) • San Francisco Teacher Residency • The Charles and Lynn Schusterman Family Foundation (F) • Science and Mathematics Teacher Imperative of the Association of Public and Land-grant Universities • Science Foundation Arizona • AZ STEM Network • Sesame Workshop • SRI International • Stanford Teacher Education Program • State of Arkansas •
State of Colorado • State of Maryland • Teach For America • Teacher Education Program at the University of Pennsylvania, Graduate School of Education • Teacher Quality Retention Program at Thurgood Marshall College Fund • Teaching Institute for Excellence in STEM • TED-Ed • Tennessee Department of Education • The Texas Tribune • The New Teacher Project • The Young People’s Project • Torrance (Calif.) Unified School District • Twin Cities Teacher Collaborative • Uncommon Schools • University of Arizona STEM Learning Center • University of California, Berkeley • University of California Los Angeles California Teach • University of California, Merced • University of California, San Diego • University of Chicago Urban Education Institute and Center for Elementary Mathematics and Science Education • University of Colorado Boulder • University of Indianapolis • University of Washington College of Education • University System of Maryland • Urban Teacher Center • Urban Teacher Residency United • USC Rossier School of Education • USNY Regents Research Fund • UTeach-Pan American • The UTeach Institute • Washington STEM • WestEd • WNET • The Woodrow Wilson National Fellowship Foundation

F - Funding Partner
B - New Partner
* - This Organization’s Commitment Is Completed