

For Immediate Release: January 16, 2018

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100Kin10 Announces Recipients of \$1 Million Grant For STEM Teaching Experiments

Teachers Empowered to Pursue New, Innovative Techniques and Experiments

NEW YORK – Today [100Kin10](#), the national network training and retaining 100,000 excellent K-12 science, technology, engineering, and math teachers by 2021, announced \$1 million in funding to five recipients for Teacher Experimentation Grants. 100Kin10 invited applicants to answer the question, ***“How can we empower teachers to experiment with their STEM instruction, or create conditions that allow them to do so?”***

100Kin10 established this year’s grant to foster experimentation in search of better instruction and deeper STEM learning for students. The grantees’ solutions will address one of the most difficult challenges facing the STEM community: teachers are not provided flexibility to experiment in the classroom. They lack permission to fail while striving for new approaches that help achieve deeper learning for students, and support their own professional development.

“Our national network has made huge progress in increasing the number of STEM teachers, but adding teachers alone is not enough. We need teachers to be empowered to create vibrant learning environments in their classrooms to attract and retain our greatest educators. The data show that this means we must give teachers permission to experiment in their teaching. There is no authentic STEM without experimentation; this can be true at every level in a school,” **said 100Kin10 Executive Director [Talia Milgrom-Elcott](#).**

Based on a rigorous analysis of thousands of perspectives in teaching, a school culture that supports teacher creativity leads not only to better retention but also to better recruitment of excellent teachers, especially in STEM.

Teacher Experimentation Grant recipients include:

- **Center for the Future of Arizona**, a "do tank" in Phoenix, Ariz., will work with schools with a track-record of innovative STEM teaching practice to apply to become STEM Demonstration Schools. These schools will design an immersive Learning Tour to spark ideas for teacher fellows and create the conditions for innovation.
- **National Network of State Teachers of the Year** in Arlington, VA, will develop a cohort of master teachers who will participate in an 18-month fellowship during which they will conduct research into systemic barriers to STEM teacher leadership, a key criterion for classroom experimentation.
- **Math Teachers Circle Network (MTCN)** in San Jose, CA, will offer teachers in Buffalo, NY and Rochester, NY additional professional development and training in inquiry-based learning to support their empowered teaching practice. MTCN will work in collaboration with *The Initiative for Mathematics Learning by Inquiry*.

- **ExpandedED Schools** in New York, NY, will offer STEM training and support to pre-service teachers and certified teachers. Participants will be paired in mentor-mentee dyads to test and refine STEM instructional techniques in afterschool settings.
- The **Fund for Public Schools** in New York, NY will facilitate a grant to the New York City Department of Education's STEM Department to develop new teacher-led peer groups in support of integrating afterschool Citizen Science programs into school-day classrooms.

This is the third challenge grant opportunity that 100Kin10 has run in this format, open to their entire network of over 280 partner organizations. The previous two grant opportunities focused on active early childhood STEM learning and computer science and engineering.

To schedule an interview with Talia Milgrom-Elcott or grant recipients, or to learn more about 100Kin10, please contact Michael Pauker at Michael.Pauker@berlinrosen.com or (646) 335-0330.

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ABOUT 100KIN10

100Kin10 is network of best-in-class organizations collectively responding to the moonshot call to put 100,000 new, excellent STEM teachers in America's classrooms by 2021. Through their pioneering networked impact approach, 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 generation of innovators and problem solvers. More information is available at www.100kin10.org.