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BEYOND100K TO LAUNCH PHASE II EDUCATION INITIATIVE TARGETING THE ADDITION OF 150,000 STEM TEACHERS AT 2022 CLINTON GLOBAL INITIATIVE MEETING

Following successful first phase, new goals will also focus on teacher retention and representation and creating a sense of belonging for all students, especially Black, Latinx and Native American students, in STEM classrooms

New York, N.Y. – Beyond100K, formerly known as 100Kin10, will announce a “Moonshot goal” of preparing and retaining 150,000 new science, technology, engineering and math (STEM) teachers over the next 10 years. That’s almost 50% more than the 108,000 STEM teachers the 100Kin10 network successfully prepared in its first decade. Significantly, Beyond100K will put [special emphasis](#) on preparing and retaining Black, Latinx, and Native American teachers in its next phase as part of creating a sense of belonging for students who have traditionally been excluded from STEM opportunities.

“Belonging is not just a ‘nice to have – it’s essential,” said Talia Milgrom-Elcott, Founder and Executive Director of Beyond100K. “Our research conclusively shows that teachers are the most powerful force for fostering a sense of belonging in STEM. We are eager to build on our work over the past ten years to prepare *and* retain STEM teachers who can support learning and growth, because they are the magic to unleashing the limitless potential of a generation of problem solvers. If we are to hand the mantle to the next generation, we have to prepare them. Strong STEM teachers are the key to doing just that.”

Today, 60,000 STEM teachers – 8% of STEM teachers overall – leave the profession each year, with the greatest impact on communities of color. Among high schools that predominantly serve Black or Latinx students, 62% don’t have enough STEM teachers to offer Calculus, and 75% of high-poverty high schools don’t offer Computer Science.

Speaking in a video announcing Beyond100K’s new moonshot goal at Clinton Global Initiative’s (CGI) meeting, President Bill Clinton said, “Beyond100K will focus specifically on Black, Latino and Native communities, and teachers and students in schools with the greatest teacher shortages, working to cultivate classrooms and workplaces of belonging for teachers, students and communities alike. We need our children – all our children – to have the skills necessary to create a future we can all be proud to share. It may sound like an impossible goal, but we can learn from this community of educators and only together can we accomplish beyond what we dream possible.”

To prepare for phase two, Beyond100K created an “unCommission” to collect first-hand testimonials from 600 young people, primarily Black, Latinx, Native American and female students. They described their experiences with STEM, which was instrumental input in shaping the new Moonshot goal.

The unCommission study found that:

- When students felt like they belonged, they were twice as likely to pursue and persist in STEM.
- Among students who reported an increased sense of belonging in STEM, 68% attributed it to an influential teacher.
- Black and Native American students were twice as likely to say they felt a sense of belonging because they identified with their teacher’s race.

To achieve their goal by 2032, Beyond100K will focus on three key, reinforcing strategies: building and strengthening a diverse network to take on the goal, identifying the highest-leverage opportunities for shared action, and activating the network to make progress on those opportunities.

More than 130 leading organizations, spanning every sector, have joined us by making commitments to this new goal. Among them are the American Federation of Teachers, the Center for Black Educator Development, New York Botanical Garden, Smithsonian Science Education Center, Teach for America, UTeach, and the Young People's Project and Boston Teacher Cadet Program, a range that reflects the power and diversity of this next-generation network. Their commitments and more than 100 others will be shared on our website, www.beyond100K.org, on Monday.

In addition, 17 funders have contributed to the unCommission and the launch, including Tiger Global Investment Fund, Carnegie Corporation of New York, Chan Zuckerberg Initiative, the Bill & Melinda Gates Foundation, and the MacArthur Foundation. Their commitments, and more than 100 others, are [shared here](#).

“We believe we can end the STEM teacher shortage once and for all, and do it with equity,” Ms. Milgrom-Elcott said. “And if we do, we will see an entire generation – and a whole nation – transformed.”

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