

Let's Talk STEM With Dr. Calvin Mackie Podcast Outlines Ways to Help Black & Brown K-12 Students Improve STEM Learning

On a new episode, Dr. Joyce Baynes, a lifelong educator, discusses actionable options for helping children overcome barriers impeding their STEM education.

NEW ORLEANS, LOUISIANA, UNITED STATES, September 17, 2021

/EINPresswire.com/ -- On the new episode of the Let's Talk STEM with Dr. Calvin Mackie podcast, the founder of [STEM Global Action](#) (SGA) and Dr. Joyce Baynes, a lifelong educator, discuss actionable options for helping children of color overcome barriers that impede their learning of science, technology, engineering and math (STEM) skills and becoming STEM professionals.

In an engaging conversation, they noted that parents must be more engaged in their children's education, teachers need improved professional development, K-12 students should have STEM activities outside the classroom and parents should be guiding their children towards summer programs that can provide additional STEM learning opportunities.

"What we've done is bring STEM to the community," said Dr. Mackie, citing SGA programs in New Orleans and around the country. "We do STEM after school, we do STEM at churches, whoever wants STEM outside of schools, we make sure that we...bring STEM to them."

Dr. Baynes added: "What you're doing with STEM Global Action is right on point because students really do need to see how this affects their lives and how they can move along the career track and be something that they thought they could never be." Further, Dr. Baynes called on more professional development for teachers, especially at the elementary school level. She also urged parents to learn more about STEM, such as facts like STEM jobs pay more than



(L-R) Guest Dr. Joyce Baynes Host Dr. Calvin Mackie Moderator Ken Sain

other fields, so they can better guide their children to successful careers.

Dr. Mackie and Dr. Baynes acknowledged these measures are necessary because of the discrimination still rampant today that stigmatizes girls and minorities. “In the 12th grade, I took calculus as well as physics. The first day I went to my physics class I looked at the teacher, he looked at me, and he said, ‘I don’t think you belong here,’” recalled Dr. Baynes. Similarly, Dr. Mackie described being confronted by a professor in a college thermodynamic class. “Are you in the right place?” the Black student was asked.

“

What we’ve done is bring STEM to the community. We do STEM after school, we do STEM at churches, whoever wants STEM outside of schools, we make sure that we...bring STEM to them.”

Dr. Calvin Mackie

Both overcame racial and gender stereotypes. Dr. Baynes has an undergraduate mathematics degree from Swarthmore College, an M.A.T. in mathematics from Harvard University and an M.Ed. in Administration and a Doctorate in Mathematics Education from Columbia University. Dr. Mackie holds a Bachelor of Science in Mathematics from Morehouse College, as well as a Bachelor’s, Master’s and Ph.D. in Mechanical Engineering from Georgia Tech. Dr. Mackie is a former tenured engineering professor at Tulane University, and Dr. Baynes

is a retired teacher, administrator and superintendent of schools of two school districts in New Jersey.

###

(For print or broadcast interviews with Dr. Calvin Mackie, please contact Michael K. Frisby, mike@frisbyassociates.com or 202-625-4328.)


Visit the STEM Global Action website at www.STEMglobalaction.com where you can find:

STEM Global Action Today, a newsletter with comprehensive articles on some of the most important issues related to STEM, and takes readers into the lives of STEM educators and their extraordinary students, who will be the STEM leaders of tomorrow.

STEM Global Action Data Center, a one-stop resource library for studies, reports, video presentations and news coverage about STEM.

STEM Global Action Public Square, an open forum where everyone can share their ideas and thoughts on STEM and where we need to go from here. The forum will present exchanges on education strategies, programs, job openings and whatever is top of mind about STEM.

STEM Global Action Newsroom, an archive of press releases, media coverage, videos and online stories about SGA’s work and our affiliate organizations, such as STEM Baton Rouge (LA), STEM



Let's Talk STEM with Dr. Calvin Mackie

▶ Play Newest + Follow

Let's Talk STEM with Dr. Calvin Mackie, a podcast series that features interviews [with guests from all aspects of STEM – entrepreneurs, educators, corporate leaders, students – who will talk about the importance of STEM in their lives today. They are the mentors for the next generation of STEM leaders,...

Show More

pod 3 x

Grambling (LA), STEM NOLA (LA), STEM Illinois (IL) and STEM Lafayette (LA) as well as our associate organizations - STEM Little Rock (AR), STEM Houston (TX), STEM Charlotte (NC), STEM Ghana (Africa) and STEM Tanzania (Africa).

Michael K. Frisby
Frisby & Associates
+1 202-625-4328

[email us here](#)

Visit us on social media:

[Facebook](#)

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/551662592>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2021 IPD Group, Inc. All Right Reserved.