

Proposal

Title:

NASA Endeavour Teaching Certificate Program as a Means of Supporting Excellent Science Teaching

Organization's Name for Presentation:

Georgia Science Teachers Association 2022 Conference

Justification:

The conference's theme is called Celebrating Phenomenal Science and is divided into different strands, based on the forementioned theme. There are two strands which I would like to focus

on: a) phenomenal science for all, which focuses on teaching and learning situations which

promote success for all students and allows them to make personal connections to the science they are learning

b) phenomenal stem/steam, where sessions centre on curricula, approaches, programs and partnerships that integrate STEM to support phenomenon learning

Brief Summary of Project:

What could be more phenomenal than what humans have accomplished through the NASA Space program? What NASA can offer teachers in the Endeavour Certificate program is not only incredible programming, activities and resources, but a supportive, nonthreatening environment to test new ideation as well as collaborative learning from other teachers.

I would also like to explore partnerships with industry and other institutions which could support more teachers' ability to take the program.

I plan to utilize some of the programs in Israel as a model.

Research shows success in bringing poor and underprivileged children out of poverty by instituting these programs in the most needy schools.

<http://www.nasa.gov/stem/foreducators/k-12/index.html>

<http://www.us-satellite.net/endeavour/>

<http://www.taubcentre.org.il/en/event/early-childhood-frameworks-in-israelconf/>

Georgia Science Teachers Association 2022 GSTA Call for Proposals

<http://www.georgiascienceteacher.org/event-4453873>

Obstacles:

- a) Fear in presentation