

## House Resolution 126

By: Representatives Park of the 107<sup>th</sup>, McClain of the 109<sup>th</sup>, Adeyina of the 110<sup>th</sup>, Beckles of the 96<sup>th</sup>, Okoye of the 102<sup>nd</sup>, and others

## A RESOLUTION

1 Recognizing and commending Sirish Subash, the winner of the 3M Young Scientist  
2 Challenge; and for other purposes.

3 WHEREAS, on October 16, 2024, 3M and Discovery Education named Sirish Subash, a  
4 ninth grader at the Gwinnett School of Mathematics, Science, and Technology, the winner  
5 of the 2024 3M Young Scientist Challenge, the nation's premier middle school science  
6 competition; and

7 WHEREAS, Sirish demonstrated ingenuity, innovative thinking, a strong application of  
8 STEM principles, a passion for research, exceptional presentation skills, and the ability to  
9 inspire others; and

10 WHEREAS, he spent four months competing against nine other finalists and secured his  
11 victory during the final challenge events held at 3M global headquarters in St. Paul,  
12 Minnesota, on October 14 and 15, 2024; and

13 WHEREAS, his winning project, Pestiscand, is a handheld device designed to detect  
14 pesticide residues on produce using a non-destructive method that employs  
15 spectrophotometry to measure how light of various wavelengths is reflected off the surface

16 of fruits and vegetables, with a machine learning model analyzing this data to determine the  
17 presence of pesticides; and

18 WHEREAS, Pestiscand consists of a sensor, a power supply, a display screen, and a  
19 processor; during testing, the device achieved an accuracy rate of greater than 85 percent in  
20 identifying pesticide residues on spinach and tomatoes, meeting the project's objectives for  
21 effectiveness and speed; and

22 WHEREAS, such achievements contribute to the advancement of scientific knowledge and  
23 highlight the importance of supporting educational endeavors in the sciences; and

24 WHEREAS, the State of Georgia, with its rich tradition of fostering excellence and  
25 innovation, takes immense pride in celebrating the achievements of its young scholars, whose  
26 brilliance and dedication illuminate a bright future not only for this great state but for the  
27 nation and the world.

28 NOW, THEREFORE, BE IT RESOLVED BY THE HOUSE OF REPRESENTATIVES that  
29 the members of this body recognize and commend Sirish Subash for his outstanding efforts  
30 and extend best wishes for his continued success in all future endeavors.

31 BE IT FURTHER RESOLVED that the Clerk of the House of Representatives is authorized  
32 and directed to make appropriate copies of this resolution available for distribution to the  
33 public and the press.