

R E S O L U T I O N

1 WHEREAS, A science experiment designed by three El Paso
2 Community College students was selected to fly on the final mission
3 of the space shuttle *Endeavour*; and

4 WHEREAS, Two of the students, Michelle Holguin and Jarisma
5 Rodriguez, attend the Early College High School, while Diana Pahman
6 is enrolled at EPCC; and

7 WHEREAS, Under the direction of faculty members Gertrud
8 Knoings-Dudin and Maria Alvarez, these outstanding young
9 scientists designed an experiment to test the effects of low
10 gravity on the growth of *E. coli* bacteria on particles of
11 polystyrene plastic; and

12 WHEREAS, The spread of a biofilm formed by this bacteria on
13 polystyrene has been a problem for water stations; by sending
14 samples into space and keeping other samples on the ground as a
15 control, the team will be able to test the difference in growth
16 through a scanning electron microscope and perhaps help develop
17 antibacterial treatments; this innovative experiment is one of only
18 16 student projects from across the nation chosen to accompany the
19 flight; and

20 WHEREAS, Ms. Holguin, Ms. Pahman, and Ms. Rodriguez have
21 earned distinction for their school, city, and state with their
22 ingenuity, creativity, and insight, and they may indeed take great
23 pride in their achievement; now, therefore, be it

24 RESOLVED, That the House of Representatives of the 82nd Texas

H.R. No. 1992

1 Legislature hereby congratulate Michelle Holguin, Diana Pahman,
2 and Jarisma Rodriguez for having their experiment selected to ride
3 on the final flight of the *Endeavour* and extend to them sincere best
4 wishes for the future; and, be it further

5 RESOLVED, That official copies of this resolution be prepared
6 for Ms. Holguin, Ms. Pahman, and Ms. Rodriguez as an expression of
7 high regard by the Texas House of Representatives.

Margo

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Speaker of the House

I certify that H.R. No. 1992 was adopted by the House on May 26, 2011, by a non-record vote.

Chief Clerk of the House