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THE GENERAL ASSEMBLY OF PENNSYLVANIA

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# HOUSE RESOLUTION

No. 467 Session of  
2017

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INTRODUCED BY M. QUINN, CORR, BAKER, BIZZARRO, BOBACK, BRADFORD,  
V. BROWN, CALTAGIRONE, D. COSTA, DAVIS, DIGIROLAMO, DRISCOLL,  
DUSH, GILLEN, HENNESSEY, PHILLIPS-HILL, KINSEY, LONGIETTI,  
MEHAFFIE, MILLARD, NEILSON, READSHAW, ROEBUCK, ROZZI, RYAN,  
SCHLOSSBERG, SCHWEYER, SONNEY, TOOHL, WARD, WARREN, WATSON  
AND WHEELAND, SEPTEMBER 6, 2017

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INTRODUCED AS NONCONTROVERSIAL RESOLUTION UNDER RULE 35,  
SEPTEMBER 6, 2017

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## A RESOLUTION

1 Designating the month of July 2017 as "Fragile X Syndrome  
2 Awareness Month" in Pennsylvania.

3 WHEREAS, Fragile X syndrome is an inherited genetic condition  
4 that causes intellectual and developmental disabilities; and

5 WHEREAS, Affecting approximately 1 in 4,000 males and 1 in  
6 8,000 females, fragile X syndrome causes varying degrees of  
7 intellectual disability and a range of behavioral issues and  
8 medical conditions; and

9 WHEREAS, Mild to severe mutation in the fragile X mental  
10 retardation 1 (FMR1) gene on the X chromosome is the single  
11 genetic cause; and

12 WHEREAS, This particular mutation alters early brain  
13 development and neurodevelopmental patterns, influencing  
14 behavioral, cognitive and physical development; and

15 WHEREAS, Fragile X syndrome is the most common inherited form

1 of intellectual disability in males and a significant cause of  
2 intellectual disability in females; and

3 WHEREAS, Related disabilities range from moderate learning  
4 disabilities to more severe intellectual disabilities; and

5 WHEREAS, Affected individuals often experience delayed speech  
6 and language development; and

7 WHEREAS, Repetitive behaviors, poor impulse control,  
8 depression, shyness and avoidance of social situations are some  
9 of the potential behavioral manifestations; and

10 WHEREAS, Mitral valve prolapse and seizures are among the  
11 related physical conditions; and

12 WHEREAS, Interventions include education and special  
13 education services, counseling and assistive technologies as  
14 well as drug therapies as needed; and

15 WHEREAS, Diagnostic and carrier screening is available; and

16 WHEREAS, As many as 1 in 468 males and 1 in 151 females carry  
17 the FMR1 premutation, which has an increased chance of expanding  
18 to a full mutation in subsequent generations; and

19 WHEREAS, Specialists in pediatrics, molecular genetics,  
20 psychiatry, psychology, neurology, genetic counseling, speech  
21 and language pathology, occupational therapy, neurobiology,  
22 pathology and social work contribute to our understanding of  
23 fragile X syndrome; and

24 WHEREAS, Research focuses on the fragile gene as expressed in  
25 persons with the syndrome and as carried by persons with the  
26 premutation; and

27 WHEREAS, Related clinical trials and safety studies are being  
28 conducted throughout our nation; therefore be it

29 RESOLVED, That the House of Representatives designate the  
30 month of July 2017 as "Fragile X Syndrome Awareness Month" in

1 Pennsylvania.