
THE GENERAL ASSEMBLY OF PENNSYLVANIA

HOUSE RESOLUTION

No. 417 Session of
2015

INTRODUCED BY QUINN, BISHOP, BOBACK, CALTAGIRONE, COHEN,
D. COSTA, CUTLER, DAY, DIGIROLAMO, DUSH, FARINA, GOODMAN,
HELM, HENNESSEY, KILLION, KINSEY, KIRKLAND, MAJOR, MILLARD,
MURT, O'NEILL, READSHAW, ROSS, ROZZI, SCHLOSSBERG, SCHWEYER,
SONNEY, THOMAS, WARD, YOUNGBLOOD, McCARTER, MARSICO AND
LONGIETTI, JUNE 30, 2015

INTRODUCED AS NONCONTROVERSIAL RESOLUTION UNDER RULE 35,
JUNE 30, 2015

A RESOLUTION

1 Designating the month of July 2015 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 250 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 2015 as "Fragile X Syndrome Awareness Month" in

1 Pennsylvania.