

Senate Resolution 101

By: Senator Unterman of the 45th

A RESOLUTION

1 Recognizing February 28, 2017, as X & Y Chromosome Variations Awareness Day at the
2 capitol; and for other purposes.

3 WHEREAS, X & Y chromosome disorders are common but frequently undiagnosed genetic
4 conditions that differ from the normal chromosome 23 pairings of XX for females and XY
5 for males; due to a chromosome mistake that produces additional X or Y chromosomes to
6 the normal complement of 46, the resulting total of 47 or more chromosomes may impact a
7 child's developing central nervous system and his or her body condition; and

8 WHEREAS, one child in 500 in the United States has an X & Y chromosome variation that
9 causes complex learning disabilities, including language impairment, motor planning deficits,
10 reading dysfunction, and attention and behavioral disorders; and

11 WHEREAS, ten babies born each day have an X & Y chromosome variation, but only three
12 will ever be diagnosed and receive the treatment he or she needs; and

13 WHEREAS, although health care professionals are taught that genetic anomalies can impact
14 a child's development, more information about X & Y chromosome variations is needed
15 since widespread misinformation about X & Y chromosome variations may cause
16 unnecessary distress to families dealing with such a diagnosis; and

17 WHEREAS, with greater national awareness about the existence of X & Y chromosome
18 variations, children with these disorders can be diagnosed and provided with the
19 syndrome-specific medical care and academic intervention they need; and

20 WHEREAS, X & Y Chromosome Variations Awareness Day will increase public awareness
21 and cooperative efforts among organizations and professionals with an interest in addressing
22 the numerous implications that living with X & Y chromosome variations can cause
23 individuals and their families without proper diagnosis and treatment; and

24 WHEREAS, Emory Healthcare has established a multidisciplinary clinic named "The
25 eXtraordinary Clinic" to serve as a regional center of expertise to serve patients and families
26 in Georgia and surrounding states; and

27 WHEREAS, Emory University will send scientists and clinicians to present research findings
28 at the National X & Y Advocacy Association known as "AXYS" at the Biannual Families
29 Conference in Denver, Colorado, in June of 2017.

30 NOW, THEREFORE, BE IT RESOLVED BY THE SENATE that the members of this body
31 recognize February 28, 2017, as X & Y Chromosome Variations Awareness Day at the
32 capitol.

33 BE IT FURTHER RESOLVED that the Secretary of the Senate is authorized and directed
34 to make appropriate copies of this resolution available for distribution to the public and the
35 press.