

Senate Resolution 1025

By: Senator Unterman of the 45th

#### A RESOLUTION

1 Recognizing March 11, 2016, 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; and

24 WHEREAS, Emory Healthcare and Children's Healthcare of Atlanta are in the initial stages  
25 of planning the eXtraordinary Kids Clinic of Atlanta to establish a regional center of  
26 expertise to serve patients and families in Georgia and surrounding states; and

27 WHEREAS, Emory University is holding a major scientific meeting funded by the  
28 Patient-Centered Research Institute on August 11-13, 2016, entitled, "Advances &  
29 Innovations in Collaborative Research in Fragile X, Autism, and Sex Chromosome  
30 Variations: Working Toward Patient Centered Outcomes" to bring much needed research  
31 resulting in outcomes that matter to patients.

32 NOW, THEREFORE, BE IT RESOLVED BY THE SENATE that the members of this body  
33 recognize March 11, 2016, as X & Y Chromosome Variations Awareness Day at the capitol.

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