

**State of Vermont
Executive Department
A Proclamation**

WHEREAS, X & Y chromosome variations are common, but frequently undiagnosed genetic conditions that can differ from the normal sex chromosome pairings of XX for females and XY for males.

WHEREAS, due to a chromosome mistake that produces additional X or Y chromosomes to the normal complement of 46, the resulting total of 47 or more chromosomes may impact a child's developing central nervous system and his or her body condition; and

WHEREAS, 1 in 500 children in the United States have X & Y chromosome variations that cause complex learning disabilities, including language impairment motor planning deficits reading dysfunction, and attention and behavioral disorders; and

WHEREAS, there are many variations of SCA, but the most common and familiar is 47, XXY, otherwise known as Klinefelter syndrome; and

WHEREAS, although healthcare professionals are taught that genetic anomalies can impact a child's development, more information about X & Y chromosome variations is needed; and

WHEREAS, widespread misinformation about X & Y chromosome variations may cause unnecessary distress to families dealing with such a diagnosis; and

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

Now, Therefore, I, Peter Shumlin, Governor, do hereby proclaim May 2015 as

X & Y CHROMOSOME VARIATION MONTH

in Vermont.

Given under my hand and the Great Seal of the State of Vermont on this 5th day of May, A.D. 2015



Peter Shumlin
Governor