

**State of Vermont
Executive Department
A Proclamation**

WHEREAS, Fragile X-associated Disorders (FXD) is a family of genetic conditions that can affect individuals in a variety of ways. The conditions are all caused by changes in the FMR1 gene; and

WHEREAS, Fragile X Syndrome (FXS) is the most common cause of inherited intellectual disability and the most common known genetic cause of autism or autism spectrum disorders, affecting people of every race, income level and nationality; and

WHEREAS, Fragile X-associated Tremor Ataxia Syndrome (FXTAS) is an adult-onset condition, occurring more commonly in males than females, that causes tremor and affects balance and memory in some "carriers" of the Fragile X gene and is often mistaken for Parkinson's, Alzheimer's, and other conditions; and

WHEREAS, Fragile X-associated Primary Ovarian Insufficiency (FXPOI) is a condition of decreased ovarian function that can lead to reduced fertility or infertility, irregular or absent menstrual periods, and early menopause in some female "carriers" of the Fragile X gene; and

WHEREAS, over one-million Americans carry (are carriers) of a Fragile X mutation and thus have, or are at risk for developing, a Fragile X-associated Disorder (FXD). One in 3,600 males and one in 4,000 to 6,000 females in the United States have; and

WHEREAS, the genetic defect causing Fragile X has been discovered and is easily identified by DNA testing; and

WHEREAS, Fragile X is a powerful research model for neuropsychiatric disorders, such as autism, schizophrenia, pervasive developmental disorders and other conditions including Alzheimer's, Parkinson's, reproductive problems in women and other medical conditions that may have a genetic basis; and

WHEREAS, with concerted research efforts, a cure for Fragile X syndrome and associated disorders may be developed;

NOW, THEREFORE, I, Peter Shumlin, Governor, do hereby proclaim July 22, 2016 as

FRAGILE X AWARENESS DAY

in Vermont.

Given under my hand and the Great Seal of the State of Vermont on this 29th day of June, A.D. 2016



A handwritten signature in black ink, appearing to be 'Peter Shumlin', written over a horizontal line.

Peter Shumlin
Governor