Fragile X Syndrome

Fragile X Syndrome (FXS) is a genetic condition that causes varying degrees of mental impairment ranging from mild learning disabilities to mental retardation (cognitive impairment). FXS is the most common inherited form of cognitive impairment known and a leading known cause of autism. FXS is caused by **one** gene that interferes with the formation of a special protein normally found in the brain. As many as **one in 151** women and **one in 468** men are carriers of this gene, and it affects one in 3,600 boys and one in 4,000 to 6,000 girls.

Some characteristics *(not all are always present)* of Fragile X Syndrome are:

- Mild learning problems to severe cognitive impairment
- Behavior issues such as ADHD and ADD
- Autistic-like features such as poor social skills, poor eye contact, hand-biting and hand-flapping
- Shyness and social anxiety
- Prominent ears, prominent forehead and long narrow face
- Sensitivity to sounds or lights
- Difficulty adjusting to change

Some older adults with premutations (carriers) may develop a neurological condition called Fragile X-associated Tremor/Ataxia Syndrome (FXTAS). Often misdiagnosed as a "Parkinson's-like" condition, individuals may also have symptoms of ataxia, memory loss and dementia.

Fragile X-associated Primary Ovarian Insufficiency (FXPOI), commonly causes early menopause, is a condition that affects 20-25% of the female FXS carrier population.

Where To Go For More Information

FRAGILE X ASSOCIATION OF MICHIGAN

P.O. Box 1414
Troy, MI 48099-1414
313-881-3340
contact@fxam.org
Fxam.org

University of Michigan Health System

Fragile X Syndrome Clinic

A. Alfred Taubman Health Care Center
1500 East Medical Center Drive
Ann Arbor, MI 48109
734-764-0579

NATIONAL **FRAGILE X** FOUNDATION

1615 Bonanza St. Suite 202
Walnut Creek, CA 94596
800-688-8765
NATLFX@FragileX.org
FragileX.org

FRAGILE X ASSOCIATION OF MICHIGAN

18th ANNUAL GOLF OUTING

Wesburn Golf and Country Club

September 9, 2017

The Fragile X Association of Michigan is a 501(c)(3) (fed. Tax ID# 56-2450171) charitable organization.

313-881-3340
Fxam.org

Mission

The **Fragile X Association of Michigan** unites the fragile X community to:

Enrich lives through educational and emotional support,

Promote public and professional awareness, and

Advance research toward improved treatments and a cure for fragile X syndrome.

Our sincere gratitude goes to the following businesses, organizations and individuals for their generous donations:

The Mickelson ($1,300+)

Bob & Evelyn Mannino

The Nicklaus ($1,000+)

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Weed Eraser Inc.
The Wurth Family

We would also like to thank the following businesses, organizations and individuals for their donations and/or time:

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Pia's Restaurant
Grace & Sam Pizzo
Dr & Mrs Lester Voutsos
Debbie Willard

We apologize if we omitted listing your donation. Due to printing requirements this list is not complete. Contributions will be noted in our October newsletter.