**Educational objectives:**

A. Examine how a single mutation at a given genetic locus (the Fragile X gene *FMR1*) can cause multiple clinical disorders.

B. Discuss the current state of Fragile X testing in clinical practice.

C. Review the current use of whole exome and whole genome sequencing at academic medical centers in the US and around the world.

D. Discuss how emerging technologies are likely to impact adoption of precision medicine and large-scale genomic sequencing into clinical practice.

E. Identify issues related to diversity, equity and inclusion that are raised by the ascension of genetic tools in neurologic practice.

**Join Microsoft Teams Meeting**

+1 313-261-5339 United States, Detroit (Toll)

Conference ID: 358 626 688#

Time: 8:00 AM

The Wayne State University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Wayne State University School of Medicine designates this live activity for a maximum of **1 AMA PRA Category 1 Credit(s)™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Target Audience: Obstetricians and Gynecologist; Fellows, Residents, and Senior Staff of our affiliated hospitals, and physicians practicing in the community.

Department of Obstetrics and Gynecology Website Address: [http://www.obgyn.med.wayne.edu/](http://www.obgyn.med.wayne.edu/)

For additional information contact: Alaina Bruce-Jackson at: (313) 993-4027, or email: abruce@med.wayne.edu

Bernard Gonik, M.D., Program Director has no commercial relationships to disclose.