



PRESENTS...

The Genetics of Reading Disabilities

Dr. Cathy Barr Senior Scientist

Dr. Barr completed her Ph.D. in molecular biology at the University of Texas, Graduate School of Biomedical Sciences (M.D. Anderson Hospital) in Houston, Texas. She then pursued her postdoctoral training in the genetics of complex behaviours at Yale University and subsequently at the Hospital for Sick Children in Toronto. Currently Dr. Barr is a Senior Scientist at the Hospital for Sick Children, Senior Scientist at the Toronto Western Research Institute, University Health Network, and Professor in the Department of Psychiatry at The University of Toronto.

Date: February 10th, 2010

Dyslexia has long been known to run in families and twin studies indicate that dyslexia has a substantial genetic component (40 - 60%). There is now evidence from genetic studies for as many as 10 genes contributing to dyslexia! Dr. Cathy Barr and her team have been involved in the exciting research that identifies these genes and how they function differently in people with dyslexia. Dr. Barr's lab is examining questions like:

Is dyslexia caused by a gene turning on and off at the appropriate time?

Do the same genes contribute to both dyslexia and ADHD?

How do identified genes affect the migration of neurons in the developing brain and why is this important?

How do environmental factors like print exposure and specific reading training interact with genetics?

This special presentation is a **MUST** for anyone interested in finding out how genetics contribute to dyslexia.

Dr. Barr's presentation will be suitable for **all audience levels** from beginner to advanced knowledge - **parents and professionals** are invited to join us for this unique educational opportunity!

Location: University of Toronto Campus *
 Bahen Centre for Information Technology
 Room: BA 1170
 40 St. George St; immediately south of Russell Street

Time: 6:30 – 7:00 refreshments & networking
 7:00 – 8:15 lecture
 8:15 – 8:30 Q & A

For more information and to register online, go to www.idaontario.com or call 416-716-9296 to reserve your seat

FREE to Members and Public
Limited spaces available.