

**OCMA PD**  
**Thursday, November 5, 6:30 – 9:30 pm**  
**Sheridan College Brampton Campus**  
**Bring your smart phone or mobile device for this PD!**

**Look Ma! No Hands! Nurturing Fearless Mathematicians in Elementary School**

Kids are smarter than we think. A lot smarter. Even the youngest of our students are capable of remarkable mathematical thinking and problem solving if given complex, and interesting problems that encourage deep thinking. You are invited to join in a hands on investigation of some really rich mathematical problems that scale from the primary grades right into high school and beyond. Integrated across the strands of the mathematics curriculum as well as drawing authentically on other curricula like science, geography, and especially the arts. These activities help students to learn to be real, fearless mathematicians. Seeing is believing. You will see concrete examples of students sharing and celebrating their learning from the classrooms of St. Andrews Public School as they investigate infinity and limit, discover the normal curve, have fun with trigonometry, and play with linear functions.

**Presenter: Iain Brodie**

In over 25 years of teaching, Iain has managed to teach everything from grade one to grade eight, specializing in combined grades. A researcher by disposition, he has been searching for just how much even the youngest of our children can learn, and has not yet found that limit. Trained as a classical musician, he has a B. Mus. where he took calculus and statistics courses for a break from practicing the guitar and lute, a B. Ed., and an M. Ed. in mathematics curriculum. He has taken a great interest in the teachers of tomorrow, coordinating and mentoring the student teachers from York University in his school, and he has just begun teaching online for the graduate school of education at the University of Western Ontario.

**Cost:** \$25 for OCMA members. \$45 for non-members. (You are a member if you attended the annual conference last May.) This includes supper!

**Your early registration is required so that dinner reservations can be confirmed.** Please contact your college rep or Ramin Ghalati, (905) 459-7533 ext. 5446 [ramin.ghalati@sheridancollege.ca](mailto:ramin.ghalati@sheridancollege.ca) by October 27, 2015, directly with your commitment to attend.

**REGISTER FOR THIS PD: (fill in the information)**

Name \_\_\_\_\_

College \_\_\_\_\_

Email address \_\_\_\_\_

Choice for supper (circle one)    Roast beef                      Vegetarian                      Salmon

Any dietary restrictions? \_\_\_\_\_

License plate \_\_\_\_\_

**(Get your registration in before Oct. 27, include your license plate number, and you get free parking!)**

### **College contact reps:**

- Centennial College Chris Brown
- Conestoga College Tracy Worswick
- Durham College Lauren Fuentes
- Fanshawe College Jeff Fennell
- Sir Sandford Fleming Soobia Siddiqui
- George Brown College Paul Balog
- Georgian College
- Humber College Mohammad Hussain
- Mohawk College John Kezys
- Niagara College Nestor Komar
- Seneca College Maria Sairoglou
- Sheridan College Carol Ann Waite
- Lambton College Don Vander Klok

### **Directions to the Davis Campus**

There are two entrances into the campus, one is from Sheridan College Drive along McLaughlin Road (Main Entrance) and the other one is the entrance along Steeles Avenue . DO NOT ENTER ON STEELES AVENUE. Turn towards the main entrance.

Stay on the right lane when approaching the roundabout and enter Parking Lot 1 which is adjacent to the Student Residence Building. Parking is available at our designated lots—you can pay at any of our blue pay stations (cash and credit card only). Please use the following link for more details re parking:  
<https://www.sheridancollege.ca/life-at-sheridan/campus-services/parking/fees.aspx>

From the parking lot, walk towards the C-Wing. If you are unsure of the location of C use the link below to view the map:  
[https://www.sheridancollege.ca/~media/Files/Sheridan%20College/About/Campus%20Locations/Davis\\_Map\\_2012.pdf](https://www.sheridancollege.ca/~media/Files/Sheridan%20College/About/Campus%20Locations/Davis_Map_2012.pdf)

### **Directions to Room C322:**

Upon entering the C-Wing (double sliding doors with a sign that says “C2”) you will come to an open foyer. On your left is a set of double doors, with stairs leading up to the 2nd floor. On the 2nd floor, you will come to a café lounge area (Tim Horton’s) located on your right. Walk straight ahead to the end of the corridor, take the stairs to the third floor, and room C322 is the first room on your right.

