



The Ontario Association for Mathematics Education
L'Association ontarienne pour l'enseignement des mathématiques

OAME 2014 **Leadership** Conference

For ALL Mathematics Educators

Promoting Mathematical Mindsets



JO BOALER



AMY LIN



CATHY BRUCE



SHELLEY YEARLEY

November 6 – 8, 2014
Holiday Inn, Toronto International Airport
970 Dixon Rd, Toronto ON

All Inclusive Registration Fee: \$500/\$545 (OAME/non-OAME)
See Page 4 for Group Incentives



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Dr. Jo Boaler

Dr. Jo Boaler is Professor of Mathematics Education at the Stanford Graduate School of Education. Her research focuses on the how different teaching approaches impact students' learning, how equity is promoted in mathematics classrooms and the opportunities students receive to develop active relationships with mathematics. Her work also focuses on gender and learning, the role of group work and mathematical discussions in the development of understanding and the ways teachers may be supported in moving towards equitable and effective teaching environments. She is also the driving force behind [YouCubed](http://YouCubed.com), a non-profit organization that provides K-12 resources for parents and teachers.



Amy Lin

Amy Lin's background in the sciences and the arts helps explain why her passion in mathematics education is to develop both the logical and creative aspects of the subject. She is currently teaching at Craig Kielburger SS, is a PhD candidate in math education and is co-director of her global education social enterprise, Blue Skies Teaching and Learning. Amy is often asked to speak on mathematics teaching and learning around the province and beyond and she is an author on a number of mathematics resources for students and teachers at both the elementary and secondary levels. Amy recently presented a TEDx talk entitled "Teaching Math-ishly". Amy has won awards for teaching and leadership, and has worked as a teacher, department head, math coach, program consultant, ministry researcher and provincial lead. Amy has significant expertise with differentiated instruction for student success, transitions, and the use of technology supports for students. (www.amylin.me)



Dr. Cathy Bruce

Dr. Cathy Bruce is Associate Professor in the School of Education and Professional Learning at Trent University. She is passionate in her conviction that all learners are capable of success in mathematics, from the young child to the experienced educator, and that our ultimate goal is to support learners to become capable and creative solution finders for the day-to-day and world-class problems we face. Her research areas include teacher and student efficacy, assessing the effects of professional learning models for educators, and technology use in the mathematics classroom. Dr. Bruce initiated the Math for Young Children (M4YC) project in Ontario with Dr. Joan Moss to feature, and learn more about, young children's mathematics thinking and capabilities by collaborating with JK to Grade 2 educators and students in the form of lesson study. She is also conducting a three-year study in collaboration with the Ministry of Education on fractions teaching and learning using collaborative action research with teachers in Ontario schools. You can see her work featured at www.tmerc.ca.



Shelley Yearley

Shelley Yearley is currently on assignment with the Ontario Ministry of Education (from Trillium Lakelands DSB) as a Provincial Mathematics Lead. She is engaged in a multi-year research project with Dr. Cathy Bruce and the Trent University Mathematics Education Research Team. This project, focused on the teaching and learning of fractions, allows her to work collaboratively with educators from seven school boards on the design and field testing of high-quality tasks. Additionally, Shelley supports school board leaders in their planning and implementation of professional learning plans, including connecting such boards with Provincial Mathematics Facilitators to lead the professional learning. During her time as a consultant with TLDSB, Shelley supported the development of the TLDSB Mathematics Profile, explored teaching and learning through lesson study in grade 7-10 classes, and co-organized a number of GAINS Math CAMPPPs. You can contact her at s.yearley@tldsbc.on.ca



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2014 Leadership Conference Overview		
DAY	TIME	ACTIVITY
Thu. Nov. 6	6:00pm - 7:30pm	Registration
	7:30pm - 9:00pm	Plenary Session with Amy Lin <i>Tales of Passion</i> - As educational leaders, we are committed to taking action and to bring about challenge and change. In this presentation, Amy will share and reflect on stories that will bring to life the importance of speaking success mindsets, building relationships, increasing confidence by developing skills and deep understanding, and the power of voice.
Fri. Nov. 7	7:30am - 9:00am	Breakfast and Registration
	9:00am - 12:00pm	Plenary Session with Jo Boaler <i>Promoting Mathematical Mindsets</i> - A revolution in the way we see and teach mathematics.
	12:00pm - 1:00pm	PUBLISHERS' /SUPPLIERS' LUNCHEON: preview of new products and an opportunity to view displays
	1:00pm - 4:00pm	Plenary Session with Jo Boaler
	5:30pm - 7:00pm	DINNER
Sat. Nov. 8	7:30am - 8:45am	BUFFET BREAKFAST
	8:45am - 11:30am	Plenary Session with Cathy Bruce and Shelley Yearley <i>The Visible and Invisible Work of Math Leaders</i> - Cathy and Shelley will describe the activity and results of a collaborative action research program with math facilitators. In this project, facilitators of mathematics professional learning identified some key features of their work that are unique to math. They also mined particular tensions and challenges as facilitators, with the goal of articulating what it means to facilitate mathematics learning with educators. Additionally, our work with educators has centred squarely on the topic of fractions - a difficult to teach and difficult to learn area of mathematics. (mid-morning nutrition break included)



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Registration Fees:

WITH ACCOMMODATIONS: OAME MEMBER \$500; NON-MEMBER \$545

Fee includes:

- Full session
- Two nights at Holiday Inn Toronto Airport (2 people/room)
- parking
- 2 breakfasts, workshop refreshments
- 1 lunch
- 1 banquet
- taxes & gratuities

Note: Surcharge for Single Room - \$70.

WITHOUT ACCOMMODATIONS: OAME MEMBER \$400; NON-MEMBER \$445

Fee includes:

- Full session
- 2 breakfasts, workshop refreshments
- 1 lunch
- 1 banquet
- parking
- taxes & gratuities

Early Bird and Group Incentives:

- **10% discount when groups of 4 or more register and pay before July 31, 2014.**
- **5% discount for individuals who register and pay before July 31, 2014.**
- **5% discount for groups of 4 or more who register and pay between July 31st and Oct. 1, 2014.**

REGISTRATION DEADLINE: October 1, 2014

SPACE IS LIMITED TO 200.

2014 LEADERSHIP REGISTRATION

To complete registration, please
click [here](#) or visit <http://goo.gl/LXpizT>