

# Russell Gordon

OCT#: 500605

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## Teaching Experience

August 2014 - present

Mathematics, Computer Studies

*Royal St. George's College (Independent)*

- Led classes with a particular focus on representing relations in multiple forms, using technology where appropriate, in grades 9 and 12. (MPM1D, MDM4U).
- Project-based approach to instruction for Grade 10 Computer Studies (ICS2O).

August 2011 - June 2014

Mathematics, Computer Studies

*The Bishop Strachan School (Independent)*

- Led inquiry-driven classes in grades 9, 10, 11 (MPM1D, MPM2D, MCR3U).
- Technology teacher in grade 9; developed project-based approach for TIJ1O.
- Computer Studies teacher in grade 11; instructional lead for ICS3U.

Sept. 2007 - June 2011

Mathematics, Computer Studies

*North Park Secondary School, Peel District School Board*

- Led engaging, technology-infused mathematics classes in grades 9, 10, and 12.
- Computer Studies teacher in grades 10, 11 and 12.

Sept. 2006 - June 2007

Mathematics (LTO)

*Erindale Secondary School, Peel District School Board*

Mathematics (LTO)

*Barton Secondary School, Hamilton-Wentworth District School Board*

## Position of Responsibility

Sept. 2009 - June 2011

Department Head - International, Business, and Technology Program

*North Park Secondary School, Peel District School Board*

- Assisted teachers with professional development and course differentiation.
- Managed and organized IBT program outreach and application process.
- Organized special events for IBT students and the portfolio review process.

## Qualifications

Jan. 2009 - Apr. 2009

Faculty of Education, University of Western Ontario

Additional Qualification: Honour Specialist, Computer Studies

## Qualifications *(continued)*

2005-2006

Ontario Institute for Studies in Education, University of Toronto  
Bachelor of Education, **Intermediate/Senior**: Mathematics, Computer Studies

1996-2001

University of Guelph  
Honours Bachelor of Arts, Major: Computing and Information Science (Co-op)

## Professional Learning

2009, 2010, 2012, 2013, 2014

CEMC Summer Conference for Computer Studies Educators  
University of Waterloo, Waterloo, Ontario

2006, 2007, 2010, 2011, 2012

Anja S. Greer Mathematics, Science, and Technology Conference  
Phillips Exeter Academy, Exeter, New Hampshire

2008, 2009

Annual Conference, Ontario Association for Mathematics Education

Aug. 2007, Aug. 2009

TI-Nspire Hands-on Summer Institute (3 days)  
Brampton, Ontario

- Also: Member, The Association for Computer Studies Educators
- Member, Ontario Association for Mathematics Education
- Member, National Council of Teachers of Mathematics

## Contribution to a Learning Community

Summer 2013, 2014

CEMC Summer Conference for Computer Studies Educators

- Led session on using Processing for introducing students to Computer Science.
- Led session on using GameSalad for project-based instruction in programming.

Spring 2013

Annual Conference, Ontario Association for Mathematics Education

- Led sessions on using real-world data for mathematical modeling in MCR3U.

Summer 2012

Mathematics, Science and Technology Conference at Phillips Exeter Academy

- Led session on the theory and practice of implementing a "flipped classroom".

2010 - 2011

Co-editor, Tech Tips column, Mathematics Teacher magazine (NCTM)

- Together with Larry Ottman, reviewed and edited author manuscripts.

## Contribution to a Learning Community *(continued)*

Fall 2010, Summer 2010

Association for Computer Studies Educators Annual Conference (Univ. of Toronto)  
& CEMC Summer Conference for Computer Studies Educators (Univ. of Waterloo)

- Led session on how to configure a self-contained web development environment on a USB stick.

2008-2010

Nspiration Conferences for TI Nspire (Fletcher's Meadow Secondary School)

- Each year, led sessions on mathematical modeling with quadratics.

Spring 2009

Annual Conference, Ontario Association for Mathematics Education

- Led session highlighting Nspire CAS activities published in TIPS4RM resource.

2008, 2009, 2010

Professional Development Days (North Park Secondary School)

- Presented sessions on student-centred use of interactive whiteboard technology (SMART); weblogs (Wordpress), and learning management system (Angel).

## School/Community Involvement

- At Royal St. George's College, co-coach of VEX Robotics team.
- At The Bishop Strachan School, co-coach of Cross-Country Running, Indoor Track, and Outdoor Track teams.
- At North Park, co-coach of Cross-Country Running team.

## Other Work Experience

October 2013 - June 2014

Technology Integration Specialist

*The Bishop Strachan School (Independent)*

- Worked collaboratively with Junior, Middle, and Senior School teachers to develop the appropriate and effective use of technology in their classes.

2003-2005

Software Developer and Technical Support Specialist

*Global Beverage Group, Waterloo, Ontario*

- Frequently worked to resolve technical issues in time-sensitive situations with non-technical customers working in the field, such as sales representatives.

2002-2003

Software Developer & Project Lead for SCORM Compliance

*Desire2Learn, Inc., Kitchener, Ontario*

- Lead developer for Desire2Learn import/export functionality to allow for migration of lesson and teaching assets to and from D2L learning management system.