

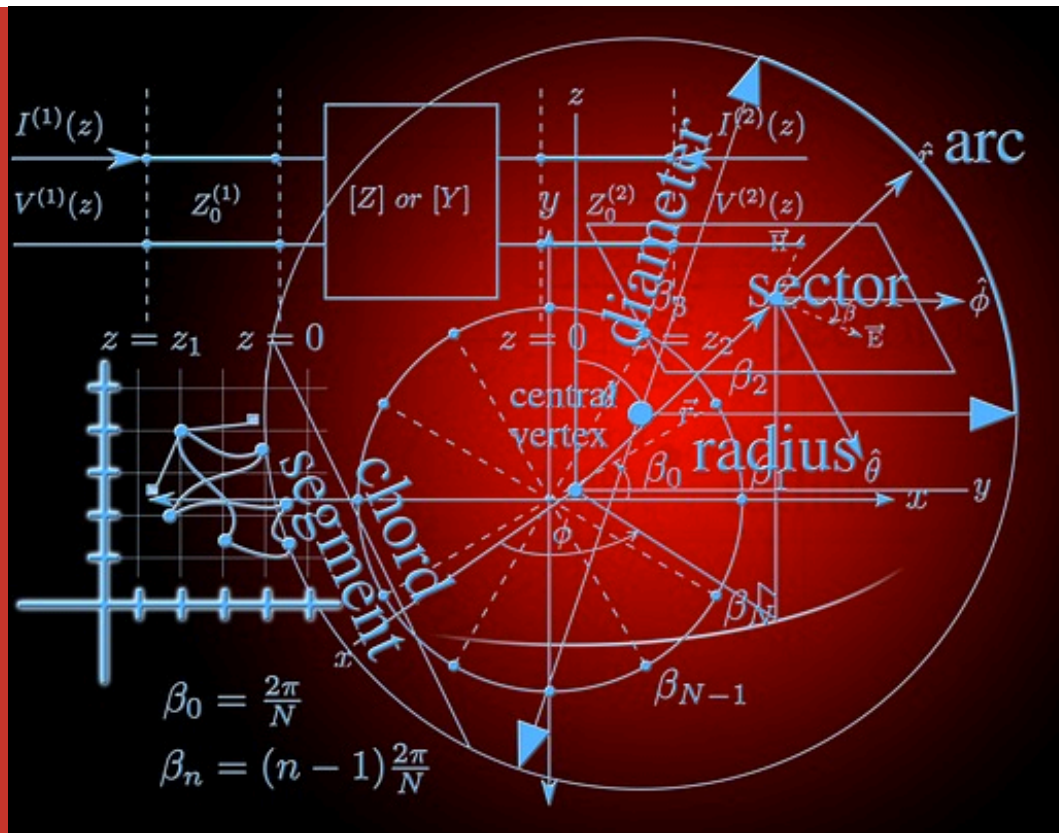
STATE OF MATHEMATICS

ADDRESS

A focus on students' mathematics achievement in Prince Edward Island and the impact of trends on post secondary education and future careers.

Friday
January 17th @ 1:30

Room 242 McDougall
UPEI



Presentation Overview & Dialogue

A wave of anxiety is growing across PEI surrounding students' math abilities. This may be well founded given that recent trends in national and international assessments of mathematics raise concerns related to the math ability of PEI students. The

impact of low math ability effects students' success at UPEI as well as their career options.

We are inviting you to join this address and dialogue about mathematics learning in PEI. As a community we can review factors

influencing student math ability, discuss research that shows the importance of developing students' early numeracy concepts, and discuss strategies for intervention.



Facilitator & Discussant ~ Dr. Tess Miller

Dr. Miller is a member of UPEI's Faculty of Education where she teaches mathematics education, assessment, and quantitative statistics. She has consulted with the Department of Education and Early Childhood Development on a number of projects including a review of grade 9 mathematics from 2007 to 2010. Currently she is working with the Atlantic Veterinary College examining entrance criteria and indicators of student success (unsurprisingly, issues of PEI students' mathematics ability are raised). In May 2013, Dr. Miller was a keynote speaker at Ontario's provincial mathematics conference.

Dr. Miller is an expert in mathematics education. She taught mathematics for 15 years in the public school system; two which were as a Department Head of Mathematics. She has co-authored 4 mathematics textbooks, was an advisor on 4 additional texts, and an assessment and pedagogy consultant on 2 other texts; all focusing on math education.

Dr. Miller was trained as a psychometrician at Queen's University where she earned her doctorate. During that time, she also studied with Canada's lead psychometricians at the University of Alberta and University of Toronto.