

UBC/UMC

undergraduate mathematics colloquium

clay ▪ bluman ▪ anstee ▪ martin ▪ kohler ▪ cytrynbaum

Greg Martin: *Prime Numbers:
What we know, and what we know we think*

Questions about the distribution of prime numbers, and about the existence of prime numbers of special forms, have been stymieing mathematicians for over two thousand years. It's almost necessary to study two different subjects: the theorems about prime numbers that we have been able to prove, and the (vastly more numerous) conjectures about prime numbers that we haven't yet succeeded at proving. In this talk I'll describe many of the open problems (and a few closed ones) concerning the distribution of primes, mentioning when I can some techniques that have been used to attack them.

UBC/UMC is on **wednesday**, november 4
3:00 to 4:00 in **GEOG 214** (GEOG is located just west of MATH)

drinks and snacks will be provided

for more information check out www.math.ubc.ca/~fsl, and follow the link at the bottom