

# Lethbridge Number Theory and Combinatorics Seminar

Monday — September 17, 2018

Room: C630

Time: 12:00 to 12:50 p.m.

# Darcy Best

## University of Lethbridge

# Transversal This, Transversal That

We will discuss several results related to transversals in Latin squares (think “Sudoku”) and other Latin square-like objects. These results centre around showing the existence of, the number of, or the structure of transversals in different cases. Several patterns have been unearthed via computation that will also be discussed. These patterns are often related to the permanent of certain 0-1 matrices that can be used to count the number of transversals in Latin squares.

**EVERYONE IS WELCOME!**

Visit the seminar web page at  
<http://www.cs.uleth.ca/~nathanng/ntcoseminar/>

