

# Math and Stat Colloquium

Friday, Dec. 7

3 pm ENGR 104

Refreshments will be served in the Animal Science Lounge at 2:30 p.m.

**Speaker:**

**Roland van der Veer**

**University of California, Berkeley**

**“Gluing equations and their quantization”**

Abstract: Gluing equations play a central role in low dimensional topology. They express the way the simplices of a triangulation fit together to produce a geometric structure. Due to their combinatorial algebraic nature they form an ideal starting point for quantum topology. In this talk we will give an overview of the topic with a focus on knots and time permitting, new results on knotted graphs.

