

Speaker: Dr. Brent Davis, University of Calgary

Title: What we know about what math teachers (need to) know

Abstract:

What sorts of disciplinary knowledge must mathematics teachers master in order to teach the subject effectively? This question has been the focus of intense research for nearly 40 years, but it's only been over the last decade or so that serious strides have been made in understanding the subtle complexity of mathematics teachers' disciplinary knowledge. I'll be looking across some of the more recent studies, highlighting what's been learned, the roles teachers are playing in the current research, and where things might be going.