

**Tuesday,
Jan. 29, 2013**

5:00-6:00 PM

**General
Academic
Building,
Room 105**

A pre-lecture reception with cookies, coffee and tea will be held at 4:30 PM in the General Academic Building, Room 472.

The *RTG in Logic & Dynamics* is a research training group supported by the National Science Foundation and the University of North Texas.

Department of Mathematics
University of North Texas
1155 Union Circle #311430
Denton, TX 76203
(940) 565-2155

rtg@unt.edu
www.math.unt.edu/rtg

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<http://www.unt.edu/transit/>

BRIDGET TENNER

DEPAUL UNIVERSITY



MATHEMATICS AND VOTING

**Why are there so many voting procedures?
Is there really more than one way to tally the votes?
Do different methods lead to different outcomes?
What is the most "fair" option, and what does "fair" even mean?**

In recognition of the recent presidential election, we will explore some of the issues and surprising paradoxes of mathematics and voting. This talk will touch on highlights of this vast subject, and will hopefully inspire the audience to delve more deeply into the nuances of the field.

Bridget Tenner was born in Chicago and has been at DePaul University since 2007, with promotion to Associate Professor in 2011. She received her AB and AM degrees from Harvard and her PhD from MIT, advised by Richard Stanley. Professor Tenner She lives near Chicago with her husband and their three-year-old twins. Outside of mathematics, Prof. Tenner is a professional choral singer, and enjoys writing and cooking.