

# SmallTalk

**SmallTalk** is an informal colloquium series on topics related to Mathematics and Computer Science. Talks are limited to 30 minutes. Refreshments provided by the Mount MAA and ACM Student Chapters. For the 2010-2011 academic year, talks are **Fridays at 2:00 in Coad Science 125**, unless otherwise noted.

Date	Speaker(s)	Title	Abstract
2/28/11*** Monday at 12:00 and 12:30 in Coad Science 125	Junior and Senior Math Majors	TBA	
2/21/11*** Monday at 12:00 and 12:30 in Coad Science 125	Junior and Senior Math Majors	TBA	
2/18/11	TBA		
2/11/11	Joey Barvir	The Math 24 Game Challenge	In the 24 Game Challenge, players are given four numbers and the symbols +, -, x, ÷, and they have to quickly use them create an expression equal to 24. I'm going to go over the rules and tricks, and then we'll play the game. Education majors can use this game as a fun classroom activity.
2/4/11	Fred Portier	jQuery	jQuery is a JavaScript library which provides consistency between browsers and provides a very powerful and

			<p>expressive way of interacting with the elements of an HTML page.</p> <p>And it's way cool!</p>
1/28/11	Dylan Bernard	Simple 2D Game Development with Java	This presentation will cover the basic steps that go into the theory behind and development of aspects of simple 2-Dimensional games using Java code and examples from a Tetris remake. Explanations will be simplified to suit those unfamiliar with Java code, and broadened to cover many underlying theories of game development.
1/21/11	Kara Regan	The Cameroon Trip Database	Information on a CS Senior project
12/01/10*** Wednesday at 3:30	Amanda Kitzmiller	Topology	This Smalltalk will show an introductory look into the subject of topology.
11/17/10	James Bigony	Applications of Technology in Public Safety	Technology is becoming more prevalent in many jobs, including public safety. Everything from 911 dispatch to simple traffic stops have some sort of technology that makes those jobs less stressful and gives them a greater success. This talk explains how those individuals are able to do more thanks to technology.
11/10/10*** Wednesday at	Kara Regan &	Cellular Automata and	Come and hear about some important and interesting

3:30	Joaquin Rodriguez	String Matching	algorithms.
10/29/10	Karl Einolf	Location, Location, Location? Sports Franchise Placement in the Four Major U.S. Sports Leagues	A facility location model is used to determine an optimal assignment of sports franchises to metropolitan locations within the continental United States. This talk discusses how a league's financial structure affects the actual placement of franchises in light of the location model's optimal design.
10/22/10	Luca Petrelli	FIELDS MEDAL 2010 What is it? Who got it? Why?	You may know very well what a Nobel Prize is, but if you have never heard of the Fields Medal, it is time to set things right. We will find out all about it: who can compete, who wins, how they win, and maybe even why.
10/06/10*** Wednesday at 3:30	Sean Gannon and Joey Gannon	Counting Cards	Description: Have you ever wanted to count cards? Or do you not even know what blackjack is? Either way, this will help you with both of those questions.
10/01/10	Melanie Butler	Zombies!	We will look at a mathematical model of a zombie attack.
9/24/10	Jonelle Hook	Hunting the Snark	We will discuss an introduction to graph theory and a special type of graph called a snark. We will see how the snark is

			related to some important problems in graph theory.
9/17/10	Mike Mugno	Building your own desktop computer	I will show the basics and need-to-know information about building your own desktop computer.
9/8/10*** Wednesday at 3:30	Brian Heinold	Patterns	We will look at symmetric patterns created mathematically in ways that you probably haven't seen before. Many of these patterns are similar to those on oriental rugs or quilts.