



# UBC UMC

the undergraduate mathematics colloquium  
bennett ▪ homsy ▪ peirce ▪ johnson-leung ▪ hamieh ▪ duncan

## Alia Hamieh: *The Congruent Number Problem*

*A positive rational number is said to be congruent if it is the area of some right triangle with rational sides. The question of determining whether a given number is congruent is called the congruent number problem. This is a thousand-year-old unsolved problem in number theory. In this talk, we present a detailed description of this problem and discuss its connection with the theory of elliptic curves.*

UBC/UMC is on **wednesday**, march 31  
**3:00** to 4:00 in **MATH 105**  
drinks and snacks will be provided

for more information check out [www.math.ubc.ca/~fsl](http://www.math.ubc.ca/~fsl), and follow the link at the bottom