MathCats Weekly Newsletter

09-17-12

"Pressure makes diamonds."

~ General George S. Patton

MathCats Announcements and Reminders

- The next MathCats meeting is **September 24th** in **Math 501** at **6pm**. This is a VERY important meeting for all members to attend! We will be collecting dues, and making major announcements that will be extremely beneficial to all members of the club!

MathCats Upcoming Events

- Tomorrow, **September 18th** there will be a panel on Graduate School from **5:30 – 6:30 PM** in **Math 501**. Worth 2 points! All members are encouraged to attend this, but especially if you have ambitions of Grad School since you'll get to hear the experiences of current Grad students!

Introducing…
The Undergraduate Teaching Assistantship (UTA) Program!

The UTA program provides undergraduate math majors with the opportunity to learn about teaching mathematics by working with an instructor of an undergraduate course and meeting regularly as a group with a mentor. Duties include participating in the weekly UTA seminar, running review sessions, grading, possible classroom demonstrations, and a few hours a week of tutoring.

The UTA program offers an amazing amount of opportunities for all Math majors. Whether you are interested in joining the program for teaching experience, or take advantage of their awesome weekly UTA seminars, it is a great addition to the Math Department and something you should all value and take advantage of!

Get To Know Your UA Math Department:



Professor David Savitt

"My research area is number theory: the study of whole number and rational number solutions to algebraic equations. Number theory is one of the oldest branches of mathematics, dating at least to the Greek mathematician Pythagoras and his followers, who understood that the square root of 2 is irrational. The major attraction of number theory to me is that, although many of the basic questions (such as Fermat's Last Theorem) can be stated relatively easily, actually solving these problems requires an array of sophisticated modern techniques drawn from algebra, analysis, and geometry.

During the summer, I am the Deputy Director of Canada/USA Mathcamp, a five-week summer program for mathematically talented high school students from around the United States and the world."

Symbol to Learn: ∈

Set membership, is an element of.

Definition: $a \in S$ means a is an element of the set S.

Dilbert of the Week:



Have a great week!

-Justin