



BAMA 2

School Year 2013–2014
Join us for a free talk...

Brian Conrey

Intransitive Dice

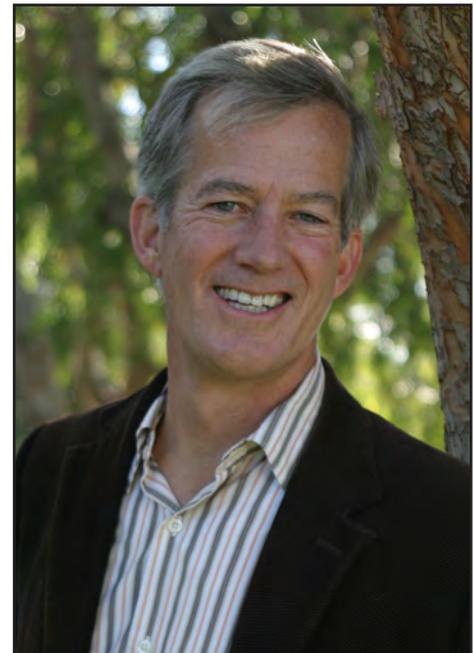


San Jose State University*
Science Building, Rm. 142

7:30 pm
Wednesday, October 16, 2013

Suppose you have selected at random three many-sided dice A, B, and C (whose face-numbers all add up to the same constant) and suppose that on average A beats B and B beats C. Is it necessarily true that A beats C? If not, what is the probability that A beats C? We will discuss some research into this question done by the speaker jointly with Kent Morrison (AIM) and three high school students from Morgan Hill: James Gabbard, Katie Grant, and Andrew Liu.

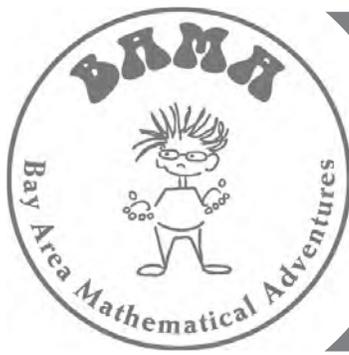
Brian Conrey is the Director of the American Institute of Mathematics (AIM). The mission of AIM is to solve important mathematics problems through focused collaborative research. Each year AIM organizes 20 focused workshops that bring together mathematicians from around the world to collaborate on the important mathematical questions of our time. AIM has also started more than 60 Math Teachers' Circles around the U.S. These are groups of middle school math teachers and professional mathematicians who meet regularly to work on interesting math problems. Conrey's area of research is in number theory, especially the analytic theory of L-functions. He thinks that the Riemann Hypothesis is the world's most interesting unsolved mathematics problem.



* See back for map and directions.

Visit the Bay Area Mathematical Adventures (BAMA) at <http://mathematicaladventures.org>

To receive email notifications about BAMA talks, please contact Frank Farris at ffarris@scu.edu.



BAMA

Bay Area Mathematical Adventures

A series of presentations on diverse topics by remarkable mathematicians. All talks are free and open to the public.

WHY?

BAMA aims to challenge and motivate students to think mathematically. Speakers will present real mathematics, and will share with the audience modern views of mathematics. Some talks will provide students with related problems, or will enable teachers to expand later on the topics with their students.

WHO?

BAMA is aimed at bright high-school age students. However, all are welcome: younger or older students, teachers, parents, and the general public.

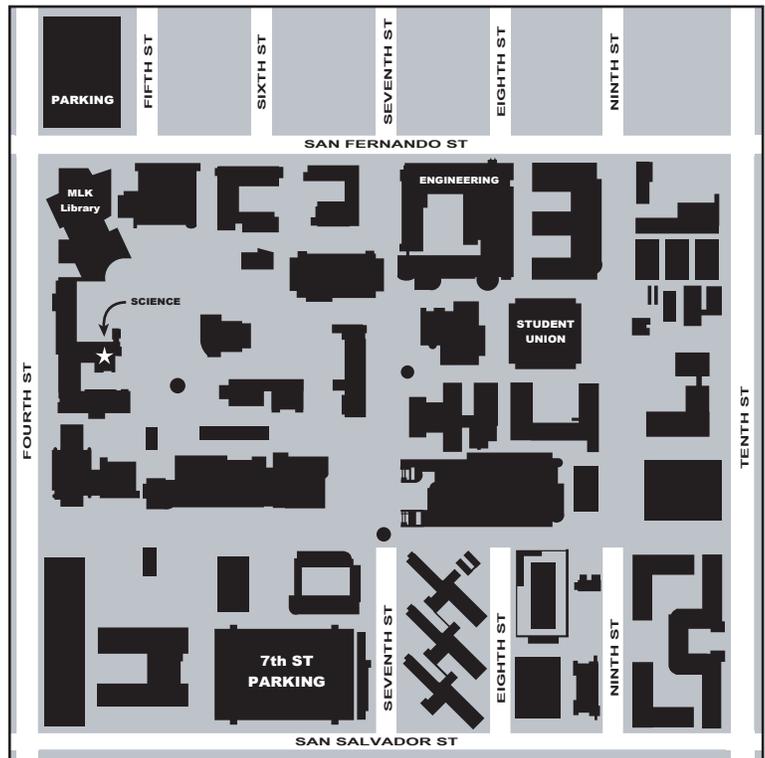
WHEN?

Evening talks will be given approximately once a month between September and April. Each talk will be self-contained (speakers will not assume their audiences have attended previous talks).

WHERE?

San Jose State University Science Building, Rm 142

- From 101 take the First Street or Guadalupe Expressway exit and go to Fourth Street.
- Take Fourth to San Salvador Street; turn left onto San Salvador and park in the South Garage. The automated pay stations located on level 3 and above accept coins, \$1, \$5 and \$10 bills, Visa or Master Cards. Parking is \$1.00 per ½ hour or \$5.00 day pass after 5:30.
- From 280 take the 7th Street exit and turn North on Seventh St. The garage is on the left after 5 or 6 blocks.



SPONSORS:

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Department of Mathematics and College of Science

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American Institute of Mathematics
Mathematical Sciences Research Institute

FOR MORE INFO:

<http://www.mathematicaladventures.org>

BAMA Steering Committee:

Tatiana Shubin	SJSU	408-924-5146
Frank Farris	SCU	408-554-4430
Bradley Jackson	SJSU	408-924-5100
Gerald L. Alexanderson	SCU	408-554-6894