

BAMA

School Year 2016—2017
Join us for a free talk...

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Brian Conrey

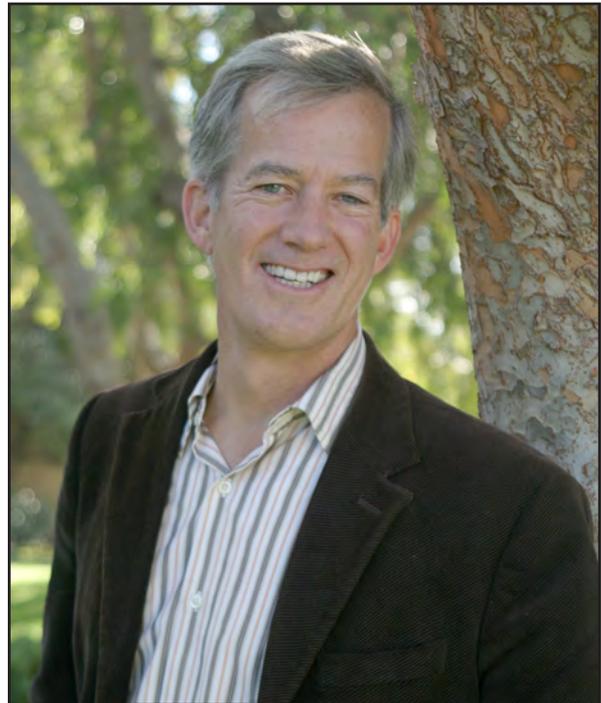
Randomness in the Prime Numbers



San Jose State University*
Yoshiro Uchida Hall (YUH), room 124
7:30 pm
Friday, October 21, 2016

Everyone agrees that primes seem to appear randomly amongst the integers. But in what ways can we quantify that? For example, test scores are random but may be distributed along a bell curve. Are there any analogous statements about primes? We will find that such questions lead us into some of the deepest and least understood area in all of mathematics!

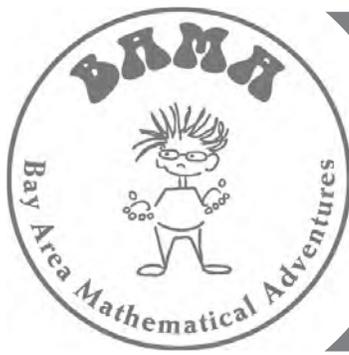
Brian Conrey is the Director of the American Institute of Mathematics (AIM). The mission of AIM is to solve important mathematics problems through focused collaborative research. Each year AIM organizes 20 focused workshops that bring together mathematicians from around the world to collaborate on the important mathematical questions of our time. AIM has also started more than 80 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.

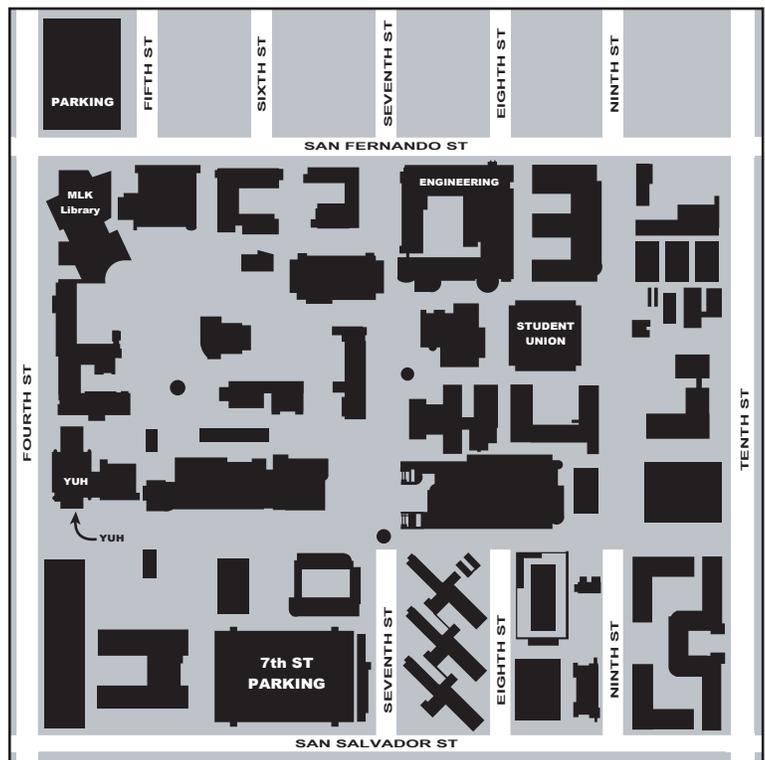
WHEN?

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 Yoshiro Uchida Hall (YUH), Rm 124

- 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:

San Jose State University
Department of Mathematics and College of Science

Santa Clara University
Department of Mathematics and Computer Science

American Institute of Mathematics
Mathematical Sciences Research Institute

FOR MORE INFO:

<http://www.mathematicaladventures.org>

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