

BAMA

School Year 2012—2013
Join us for a free talk...

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Tamsen McGinley

Proofs you can't forget



Santa Clara University, Daly Science 207

Wednesday, September 19, 7:30 pm

The binomial theorem. Identities with Stirling Numbers. Students of mathematics often encounter identities that they need to remember. The right proof can make this easy. Instead of simply showing that a statement is true, the "right" proof will explain why. In this talk we make an argument for why, quite often, the right proof is combinatorial. We will explore familiar (and some unfamiliar) identities, and introduce combinatorial tools that can be used to construct proofs that you can't forget.

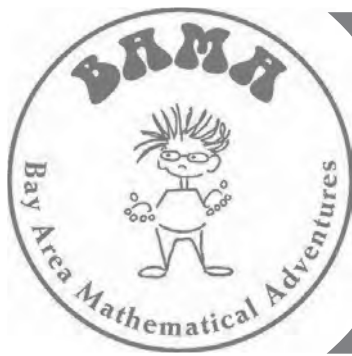
Tamsen McGinley is an Associate Professor in the Department of Mathematics and Computer Science at Santa Clara University. She received her PhD from the University of California, San Diego in 1991, and joined SCU in September of the same year. Her research interests involve the connections between algebra and combinatorics.



* 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).

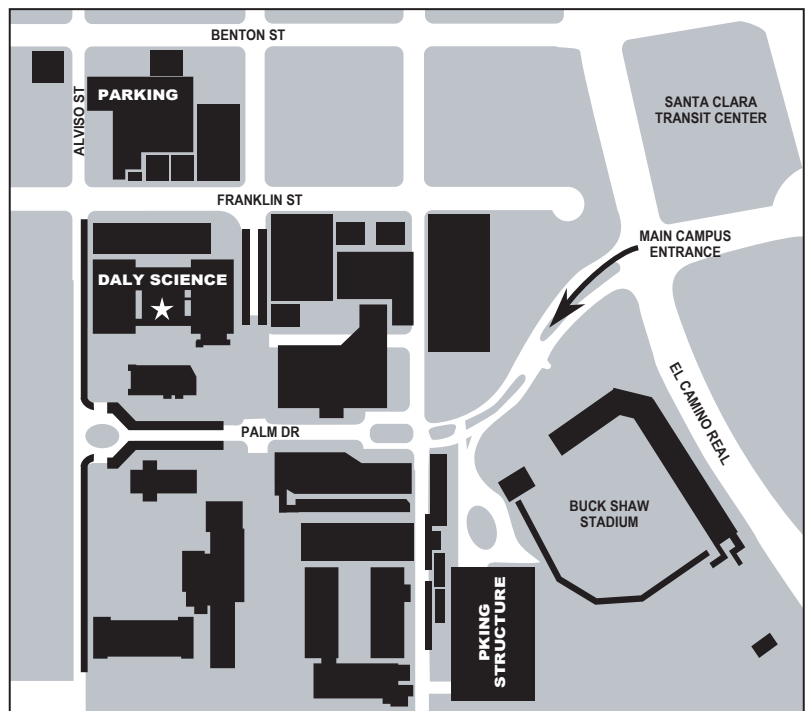
WHERE?

Santa Clara University Daly Science, rm. 207

- From US Highway 101, take the De La Cruz Blvd/Santa Clara exit and follow the signs to El Camino real and main campus entrance.
- From I-280, take I-880 north toward Oakland to The Alameda exit. Turn left onto The Alameda (which becomes El Camino Real) to main campus entrance.
- From I-880, take The Alameda exit, travel north (The Alameda becomes El Camino Real) to main campus entrance.

Note: If you bring your car to a talk at SCU, use the formal entrance to the University. You may buy a "conference rate" parking permit for \$3 if you tell the parking guard that you are attending a BAMA talk. We also offer a **coupon for free parking through our email list and website, but you must print the coupon and give it to the guard at the kiosk.** With your permit, you may park in the garage or in the lot on Franklin Street, which is closer to the talk location.

- If you have a disability and require reasonable accommodation, please call anyone on the steering committee, or 1-800-735-2929 (TTY—California Relay) 24 hours in advance.



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