

Jasmine Nguyen Tom (she/her)

CONTACT INFORMATION	University of California, Santa Cruz Mathematics Department	Email: jangtom@ucsc.edu Web: jasminenguyentom.com
EDUCATION	University of California, Santa Cruz (UCSC) <i>Master of Arts in Mathematics</i> <i>Bachelor of Science in Mathematics with Dean's Honors & Minor in Statistics</i> Advisor: Kasia Jankiewicz University of Barcelona (UB) <i>University of California Education Abroad Program</i>	Santa Cruz, California, USA Expected Graduation: June 2024 September 2019 - June 2023 August 2021 - January 2022
PRE-PRINTS & PUBLICATIONS	1. Morales-Almazan, Pedro, Hanjue Pan, and Jasmine Tom. "High-Structure and Its Impact on Performance Gaps in Large-Enrollment Frosh Courses." (2021): n. pag. Print.	
EXTERNAL TALKS *REMOTE	Spectra Survey of Mathematics Conference (SSMC) <i>An Introduction to Mapping Class Groups</i> Underrepresented Students in Topology and Algebra Research Symposium (USTARS) <i>Dehn Twists About Curves on a Surface</i> University of California Education Abroad Program (UCEAP) <i>UCEAP Spain Alumni Panel*</i> Science Technology Engineering Art Mathematics (S.T.E.A.M.) Conference <i>Monterey Bay Area Math Project (MBAMP): Math Games</i>	Lexington, Kentucky, USA May 2023 Seattle, Washington, USA March 2023 Santa Barbara, California, USA November 2022 Santa Cruz, California, USA March 2021
INTERNAL TALKS	Undergraduate Mathematics Colloquium <i>An Introduction to Mapping Class Groups</i> <i>Sylow's Theorem: A Partial Converse to Lagrange's Theorem</i> Directed Reading Program Symposium <i>Braid Groups: Three Intertwined Perspectives</i> <i>Sylow's Theorem: A Partial Converse to Lagrange's Theorem (brief)</i>	Santa Cruz, California, USA June 2023 June 2022 June 2023 June 2022
TEACHING EXPERIENCE *REMOTE	UCSC Mathematics Department <i>Teaching Assistant (TA)</i> <ul style="list-style-type: none">Attend and enhance the active learning experience for 200 students in the Calculus I lecturesConduct two weekly discussion section meetings comprised of 30 students eachEngage with the teaching team and students regularly in meetings and office hours UCSC Learning Support Services <i>Math Study Hall Tutor</i> <ul style="list-style-type: none">Delivered personalized support for math concepts ranging from algebra to all levels of calculusCreated a space for students to work individually or in groups on math assignments twice a week in 4-hour time blocks	Santa Cruz, California, USA September 2023 - Present Santa Cruz, California, USA April 2023 - September 2023

Small Group Tutor

- Led small peer based interactive groups up to 4 students per session
- Facilitated 2-3 weekly tutoring/study sessions per class outside of class hours
- Supported the upper division Abstract Algebra (Group Theory) course

September 2022 – March 2023

Supplemental Instruction Learning Assistant

- Provided group and individualized support to 250+ students during lectures
- Held 3 weekly tutoring/study sessions for the BioCalculus I & II courses outside of class hours
- Attended meetings with the teaching team (professor, teaching assistants, etc.) once per week

January 2022 – June 2022

*Study Group Leader & Learning Assistant**

- Created a collaborative and interactive environment for a diverse group of learners
- Guided Vector Calculus students through the material and provided resources to enhance their study skills
- Attended lectures and supported the course with a no-pass rate of 20% or above

September 2020 – June 2021

Teach For America (TFA)

*Ignite Fellow**

- Accelerated learning and foster belonging with 6th grade math students at Vela Middle School
- Leveraged research-based best practices for high-impact tutoring for 1-3 students for 3-5 hours per week
- Participated in ongoing training and development from TFA and veteran educators

Rio Grande Valley, Texas, USA
September 2022 – December 2022

UB Faculty of Philology and Communications

English Conversation Assistant

- Helped to improve the English oral expression of 20 local students
- Prepared interactive and engaging activities, such as presentations and games, for facilitating 3 weekly sessions
- Composed a 10+ paper detailing my experience with the internship

Barcelona, Catalonia, Spain
October 2021 – December 2021

Santa Cruz County Office of Education: Cabrillo College

Math Camp Counselor

- Collaborated with the leadership team to plan learning activities and met to reflect on our impact
- Engaged a diverse group of students, including language learners and students with special needs
- Encouraged 10+ rising sixth graders to develop their own power, identity and leadership as young mathematicians

Santa Cruz, California, USA
July 2021

Santa Cruz City Schools: Harbor High School

Paraeducator

June 2021 – July 2021

- Joined the instructional team for their summer academic programs, namely, Summer Bridge and Math Boosters
- Supported 50+ students in the credit recovery program in a variety of subjects including math and chemistry
- Worked 60 hours during the span of 4 weeks

October 2020 – December 2020

UCSC Cal Teach: Cypress High School

*Math Intern**

- Inspired students and supported instruction in a math classroom twice/week for 3-4 hours/week
- Mentored by a K-12 host teacher to teach a lesson to the Algebra and Pre-Calculus courses
- Enrolled in a concurrent Cal Teach seminar course, a 2-credit seminar that enhances one's classroom placement

LEADERSHIP EXPERIENCE

*REMOTE

UCSC Mathematics Department

Board Member of the DEI Committee

- Enhance diversity, equity and inclusion within the department
- Address concerns and propose solutions to better support undergraduate and graduate students
- Assist with organizing departmental colloquiums and various initiatives

Santa Cruz, California, USA
November 2023 – Present

UCSC College Nine & John R. Lewis College

UCSC Summer Housing: Crown & Merrill Colleges

Resident Assistant (RA)

- Cultivate an inclusive and accepting environment for 50+ residents on the floor
- Foster a community of interdependent, compassionate and open-minded individuals through planned events
- Provide on-call and scheduled support for conflicts, room lockouts, etc.

June 2022 – Present

UCSC Women in Science Society

Fiscal Representative (Treasurer)

- Oversaw the financial operations of the organization by completing forms and transactions
- Created budgets and organize fundraising events to grow the current balance of \$2,000
- Maintained contact with national representatives to discuss finances and official chapter registration

September 2022 – March 2023

UCSC Mathematics Department

Co-organizer of the Undergraduate Colloquium

- Collaborated with 2 UCSC graduate students to organize talks for undergraduates
- Assisted with outreach for participation in useful workshops and mathematical presentations
- Ensured events run smoothly and provide an encouraging environment to promote math confidence

Stockton, California, USA
June 2022 – August 2022

Amazon.com, Inc.

Area Manager Intern in Operations

- Developed and led a team of 50-200 inbound Associates in a distribution warehouse environment

California, USA
July 2022 – August 2022

- Ensured that the highest levels of safety, quality, attendance performance and engagement are maintained
- Implemented and presented a project in the form of a 6-page white paper on benchmarking to site leadership

Project Reduce Income Disparities Through Education and Empowerment (R.I.D.E.)

*Director of Training and Development**

- Managed 25+ tutors and volunteers for trainings and serve as their liaison with students
- Supported underrepresented students from high-need schools throughout the state with two official university chapters and one college high school partnership
- Designed and led useful programs for academic resources and higher education

AWARDS & SCHOLARSHIPS

Reinvent Stockton Foundation

Shriram Scholars Program (\$4,000)

Stockton, California, USA
April 2019 - June 2023

UCSC Undergraduate Honors

College Scholars Program

Santa Cruz, California, USA
February 2020 - June 2021

California Department of Education

State Seal of Biliteracy in Spanish

Stockton, California, USA
May 2019

AFFILIATIONS

Association for Women in Mathematics (AWM)
American Mathematical Society (AMS)
UCSC College Nine: International and Global Perspectives