

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	Spectra Survey of Mathematics Conference (SSMC) <i>An Introduction to Mapping Class Groups</i>	Lexington, Kentucky, USA May 2023
REMOTE	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>	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	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 <i>Small Group Tutor</i> <ul style="list-style-type: none">Led small peer based interactive groups up to 4 students per sessionFacilitated 2-3 weekly tutoring/study sessions per class outside of class hoursSupported the upper division Abstract Algebra (Group Theory) course	Santa Cruz, California, USA April 2023 - September 2023 September 2022 – March 2023
*REMOTE		

<i>Supplemental Instruction Learning Assistant</i> <ul style="list-style-type: none"> ▪ 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
<i>Study Group Leader & Learning Assistant*</i> <ul style="list-style-type: none"> ▪ 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) <i>Ignite Fellow*</i> <ul style="list-style-type: none"> ▪ 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 <i>English Conversation Assistant</i> <ul style="list-style-type: none"> ▪ 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 <i>Math Camp Counselor</i> <ul style="list-style-type: none"> ▪ 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 <i>Paraeducator</i> <ul style="list-style-type: none"> ▪ 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 	June 2021 – July 2021
UCSC Cal Teach: Cypress High School <i>Math Intern*</i>	October 2020 – December 2020

- 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 College Nine & John R. Lewis College UCSC Summer Housing: Crown & Merrill Colleges *Resident Assistant (RA)*

Santa Cruz, California, USA
August 2022 – Present

- Cultivate an inclusive and accepting environment for 40+ 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.

UCSC Women in Science Society *Fiscal Representative (Treasurer)*

June 2021 – June 2023

- 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

UCSC Mathematics Department

September 2022 – March 2023

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

Amazon.com, Inc.

Stockton, California, USA
June 2022 – August 2022

Area Manager Intern in Operations

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

California, USA
July 2021 – August 2022

*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)