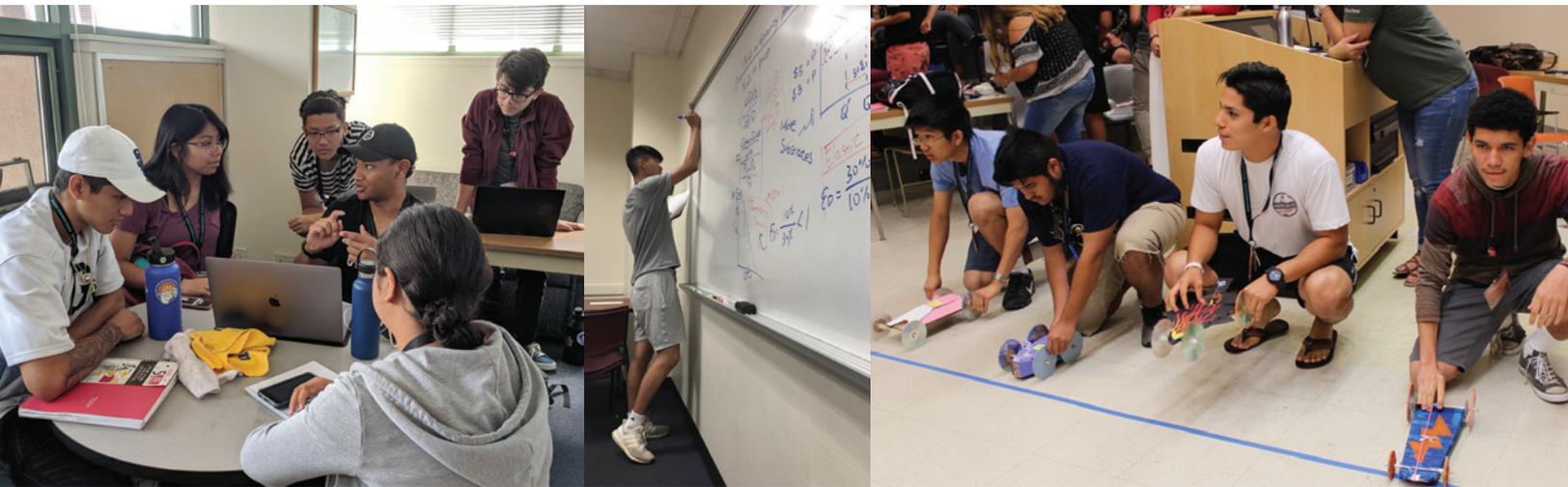




MATH & SCIENCE TUTORIAL PROGRAM



The Math & Science Tutorial Program (MSTP) provides academic support to all UC San Diego undergraduate students enrolled in lower division Chemistry, Mathematics, and Physics courses via workshops and drop-in tutoring. MSTP aims to deepen students' understanding of complex concepts and strengthen problem solving skills in a collaborative learning environment that reviews course material.

PROGRAM BY THE NUMBERS:

25 UNDERGRADUATE COURSES SUPPORTED EACH QUARTER

1076 TOTAL UNIQUE STUDENTS
SERVED IN 2019-2020

20,005 TOUCHES
IN 2019-2020 ACADEMIC YEAR (STUDENTS ATTENDING WORKSHOPS,
REVIEW SESSIONS, OFFICE HOURS, AND MAKE-UP WORKSHOPS)

37,423.6 tutoring hours
IN 2019-2020 ACADEMIC YEAR

53% OF WORKSHOP POPULATION ARE FROM OTP*

**OTP students are typically from groups that are historically underrepresented, economically disadvantaged, and first-generation college students.*



FUN FACT:

82%

of the Spring 2020 MSTP student staff participated in MSTP workshops as a student prior to working with the program.

MATH & SCIENCE TUTORIAL PROGRAM

HIGHLIGHTS:

- 100%** agree that their MSTP workshop leader promotes a friendly, comfortable environment
- 96%** agree that attending MSTP workshop sessions improved their understanding of course material/concepts
- 95%** agree that as a result of participating in MSTP workshop, they are more likely to seek other forms of academic support such as attending office hours, departmental tutoring, independent study groups, etc.
- 94%** agree that as a result of participating in MSTP workshop they are better able to develop problem solving approaches
- 93%** agree that attending their MSTP workshop positively influenced their grade

STUDENT TESTIMONIALS

"[My workshop facilitator] was extremely approachable and intrigued by the subject which made it easier to feel excited about it for students as well. She truly understood the student's perspective on many subjects which allowed her to explain it in a way we could easily understand that was often clearer than the professor's way of explaining."

- Chem 40B student, Spring 2020

"[My workshop facilitator] is clear in his teaching and extremely well-versed in the content. He engages students and makes sure that everyone in the workshop understands the content. I can definitely say that he cares about the students themselves beyond academics because he also makes sure to do a check-in every workshop."

- Math 20D student, Spring 2020

"She is capable of introducing the topic to the students more concisely and help us strengthen our foundation. I was able to really understand the concept and materials learned in class rather than trying to plug numbers into each equation."

- Phys 2A student, Fall 2019

STUDENT STAFF TESTIMONIALS



"I participated in MSTP workshops for the entirety of my first year in college. Today I lead those same workshops. When I finish my lesson, I come out knowing that I have just shaped the future of my generation. Molding students into effective learners through MSTP creates a community beyond the classroom. In my experience, these

communities attain more success in their classes and are more knowledgeable/inclusive of today's social climate. Furthermore, the support at MSTP carries throughout my day to day, and translates into increased confidence to strive towards excellence in a competitive environment. The Math and Science Tutorial Program at OASIS has been a major factor in my success in college and is vital to the growth of UCSD's student body."

- Zachary Manalo, staff since Fall 2019



"OASIS has taught me about the systemic barriers that students of low-income and underrepresented students face in their academic journey and how we, as tutors can help them academically as well as empower them elsewhere. I like working with students to help them be more resourceful and determined, able to handle any

obstacle academia can throw their way. Because of the diverse and inclusive environment OASIS provides, I as a queer, Chinese-American woman, have always felt the encouragement to not only succeed myself, but also act as an ally to help other people reach their goals. OASIS truly lives up to its name and I feel it has been a sanctuary for me during my college career. It is one of the jewels of UCSD and with its help, has undoubtedly been the foundation that many students have used to achieve collegiate fulfillment."

- Catherine Eng, staff since Fall 2018, class of 2020