

SF State Genentech Foundation (GF)

Scholars Programs

We have developed a signature program to educate and train entering STEM freshman, sophomore, junior, senior and graduate students (masters') for careers in the biosciences. Based on this approach, freshmen participants will be able to complete a STEM BS degree in 4 years with the priority registration and scholarship funding provided.

The Genentech Foundation Scholars program is designed as three 2-year segments, 20 freshmen/20 sophomores (\$5,700/year), 16 juniors/16 seniors (\$13,200/year stipend + tuition = \$20,500) and Masters - 10 year 1 & 10 year 2 (\$21,000/year stipend + tuition = \$33,200). Each has a focus on participating in research in the major as a critical component for preparation to be a scientist. All of the research activities are designed to be supported by peer and faculty mentoring at each stage of development. Each cohort has a structured weekly colloquium led by a senior faculty member to facilitate level-appropriate preparation for a career in STEM. In the summer after the freshman year, each individual in the cohort will participate in full-time summer research in the Directed Research Workshop after which they will be placed with a College of Science & Engineering (CoSE) faculty member. Ideally, the student will continue to conduct research in the same lab 10-15 hours/week during the academic year while enrolled in Undergraduate Research (Biol 699 or Chem 699). During the Sophomore year, GF Scholars (and other SFSU as well as community college transfers) will apply for opportunities to enter one of the several junior/senior programs to continue in a research focused program (GF Scholars (16), NIH MARC (11), NIH RISE (5) and NIH BUILD (7)).

How to Apply:

- 1) **CSU** - <https://www2.calstate.edu/apply>
- 2) **Metro Academy** - <https://metro.sfsu.edu/how-apply>
- 3) **GF Scholarship:**
<https://seo.sfsu.edu/content/genentech-foundation-freshmensophomore-associates-program>



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GENENTECH
FOUNDATION
SCHOLARSHIPS
(\$5,700)

FRESHMEN/SOPHOMORE
SCHOLARS PROGRAM



METRO COLLEGE SUCCESS PROGRAM (METRO)

About the Metro College Success Program

The Metro College Success Program (Metro) uses targeted outreach to support first-generation, low-income, and historically underrepresented students in their success at San Francisco State University. Each Metro Academy is a learning community with personalized in-class academic support, advising, and tutoring.

Why Metro?

Adjusting to college can be challenging. Learning in a small, supportive community of students and faculty can help students thrive throughout their first two years. Metro's goal is to help students graduate in a timely manner and gain the skills they need to succeed in college and find a meaningful career.

A Learning Community for the First Two Years of College

The Metro College Success Program (Metro) was developed to support the next generation of leaders in urban communities. Each Metro Academy is a 'school within a school' to give students an educational home in their first two years of college. Metro gives students personalized support for college success through in-class academic support and tutoring. At the core of Metro is a learning cohort made up of linked courses each semester, pairing a general education course and a Metro course. In Metro, students will build a solid foundation for college success and meaningful work in a variety of careers.

Who Can Apply to Metro

First- and second-semester freshmen who are able to attend full-time are eligible to submit a Metro application. High school seniors accepted to SF State are also eligible to apply. AB 540/undocumented students are encouraged to apply.

Find out more about Metro and how to apply <https://metro.sfsu.edu/>. Students can also inquire about the program in HSS 301 or call (415) 338-3034.



SUMMER BRIDGE

The Program provides for enrollment of entering Freshmen STEM majors in a Summer Bridge Program that starts in the summer before they enter their freshman year in the fall of 2020. Each student receives \$1000/month in the summer and is enrolled in a special section of pre-calculus (Math 199) and preparation for college chemistry (Chem 100). Completion of the summer courses insures the participants will enter required major's courses (Math 226 - Calculus I and Chem 115 - General Chemistry) in their first semester and thereby will be in a position to graduate in 4 years.

There are 20 positions targeted to entering Freshmen students who receive \$5,700/year and summer tuition. The scholars receive \$300/month during the fall and spring semesters to participate in a weekly colloquium and then receive \$1000/month in the summer after the freshman year (rising sophomores) to participate in the Directed Research Program. Participants are also enrolled in the Metro Academy that provides wrap around support and tutoring as needed.

Upon completion of the Sophomore year, Scholars are eligible to apply to the upper-division Genentech Foundation Scholars Program to continue in the Junior & Senior years with scholarships that provide \$1,100/month year-round as well as full tuition

Directed Research Program (Summer after Freshman Year)

Description: This is an eight-week hands-on research activity lead by Research Coordinators for the Genentech Foundation Scholars Program, Dr. Julio Ramirez and Ms. Lisa Galli. The Genentech Foundation Scholars will learn several molecular techniques and be exposed to different model organisms. During their time they will carry out four projects utilizing these techniques to investigate biological questions and analyze the data for each. The skills developed and the laboratory training will prepare the participants for entry into a faculty research laboratory. Working in teams of 2 or 3, they will choose one project to create and present a poster of their findings at the Summer Research Symposium held in the first week of August.

