

STEM MENTOR PROGRAM
YEARLY TIMELINE

JULY - AUGUST

- Mentor recruitment
 - > STEM Mentor Program Information Sessions for Professionals
 - > SMP staff attend networking events
- STEM professionals receive STEM Mentor Program Enrollment Form

SEPTEMBER - OCTOBER

- STEM Mentor Program Information Sessions for students
- STEM Mentor Program Enrollment Forms collected from students
- Mentors/mentees matched
- Kick-Off Reception
- STEM Forums and events for mentees and STEM students

NOVEMBER - DECEMBER

- Check-in with mentor/mentee pairs
- Programming for STEM students and mentees
- Holiday networking program for mentors/mentees
- Recruitment for Sanofi Experiential Learning Opportunity (SELO)
- Mentee and program staff meetup

JANUARY - MARCH

- Second semester check-in with mentors/mentees
- New mentees/mentors join program for spring semester
- Programming for STEM students and mentees
- Mentee and program staff meetup
- SELO selection and program participation

APRIL - JUNE

- Programming for STEM students and mentees
- Year-End Reception
- Program feedback survey distributed to mentors and mentees
- Produce Year-End report based on survey responses
- Schedule summer mentor information sessions



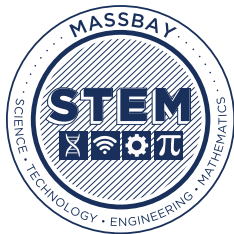
STEM MENTOR PROGRAM CONTACT:

Tracey Gustafson, Manager, STEM Mentor Program: tgustafson@massbay.edu
Valerie Kapilow, Director, STEM Starter Academy: vkapilow@massbay.edu

Interested in becoming a mentor or a student mentee?
Please visit: www.massbay.edu/stem/mentor

For more information about our STEM programs, please visit:
www.massbay.edu/academics/stem

The STEM Mentor Program is funded by **Sanofi**, **STEM Starter Academy**, **MathWorks** and **ABI-LAB**.



Wellesley Hills Campus

50 Oakland Street
Wellesley Hills, MA 02481
781.239.3000

Framingham Campus

19 Flagg Drive
Framingham, MA 01702
508.270.4000

Ashland Campus

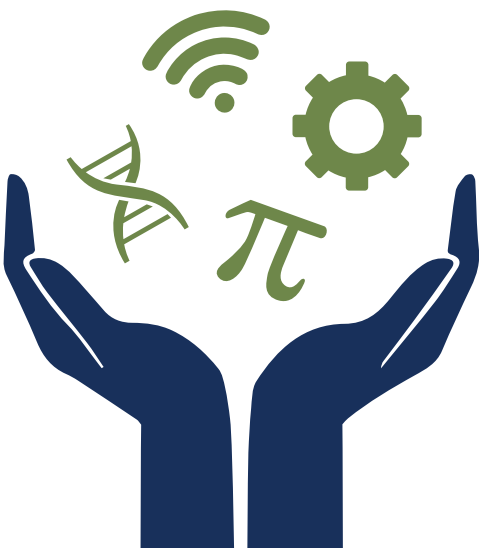
250 Eliot Street
Ashland, MA 01721
781.239.3030

MASSBAY.EDU
START HERE • GO ANYWHERE



STEM
MENTOR PROGRAM

Matching MassBay Community College
STEM Students with
STEM Industry Professionals



STEM MENTOR PROGRAM OVERVIEW

The STEM Mentor Program brings together MassBay Community College STEM students and regional STEM professionals to facilitate one-on-one mentoring relationships and provide substantive, skills-based programs and networking opportunities throughout the year. MassBay has developed relationships with and draws mentors from Sanofi, MathWorks, ABI-LAB, the U.S. Army Corps of Engineers, U.S. Food and Drug Administration (Winchester Engineering Analytical Center) and other regional employers. Originally launched in 2014 with a small group of STEM students and Sanofi employees, the program now includes professionals from more than 35 companies and students from all STEM majors.

STEM MENTOR PROGRAM GOALS

The goals of the STEM Mentor Program are to nurture STEM students’ academic success and support students’ pursuit of academic and career aspirations by providing:

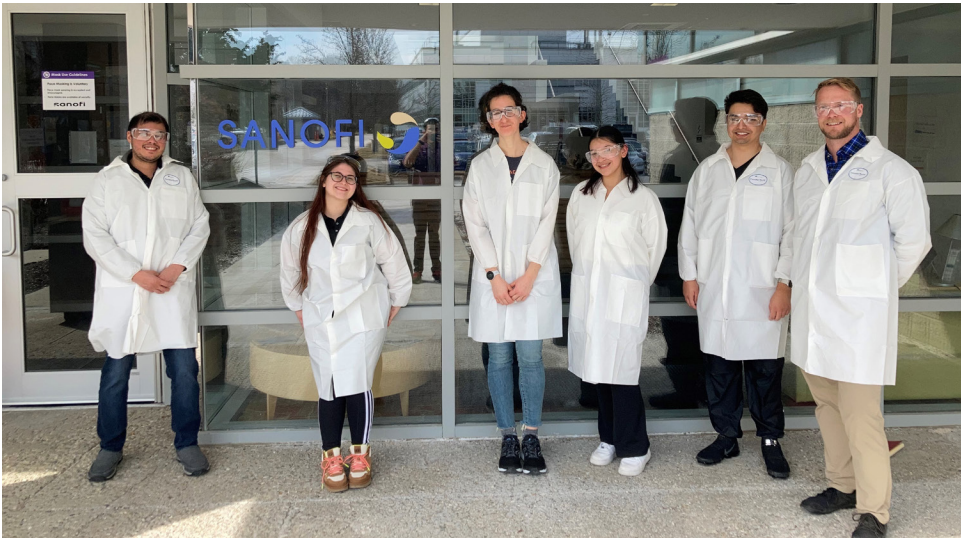
- **Supportive mentoring relationships**
- **STEM-focused events and opportunities**



HOW THE PROGRAM WORKS

The STEM Mentor Program runs throughout the course of the academic year. The program includes individual meetings between mentors and mentees, group activities, networking events, and career and academic workshops. Potential mentors and mentees receive independent orientation/training sessions that provide an overview of the program, expectations of the mentor/mentee relationship, the roles, responsibilities and benefits of each party and suggested activities to do together. Mentor/mentee pairs are required to meet at least once a month face-to-face, either in person or using a virtual meeting platform. The first meeting is typically at the Kick-Off Reception in early October.

The commitment to this program for both mentor and mentee is for the academic year, from October to May.



SUGGESTED ACTIVITIES FOR MENTORS AND MENTEES

- Review resume and cover letters
- Discuss study and time-management skills
- Attend a professional networking or company event
- Introduce mentee to colleagues
- Invite mentee to job shadow mentor
- Include mentee in a staff or business meeting
- Prepare for an internship or job interview
- Review and critique a school paper, presentation or project
- Discuss course selections/curriculum planning
- Discuss transfer options to four-year institutions
- Get together with other mentor/mentee pairs
- Participate in social activities

PROGRAMMING

Throughout the course of the academic year, the STEM Division provides programming for the mentees as well as the larger MassBay STEM community. STEM Forums are held once or twice a month with programs that focus on substantive STEM topics, 4-year baccalaureate transfer, career development or professional networking. Mentors and mentees come together as a group several times during the year for the STEM Mentor Program Kick-Off Reception, Speed Networking Program, Year-End Reception as well as for other team building events. In addition, mentees are eligible for SMP Scholarships, the Sanofi Experiential Learning Opportunity (SELO), and stipends to reimburse educational and career related expenses.



“It was a great opportunity for us to host six enthusiastic MassBay students at Sanofi for the SELO program. The students spent three days in our R&D labs and were able to appreciate why and how we do science. Looking forward to many more years of the MassBay-Sanofi collaboration.”

- Akshat Mullerpatan
Scientist, Sanofi



“The STEM Mentor Program has been fundamental to my academic and professional growth. I’ve been able to explore and learn about different career paths in STEM through my mentors. I also received support through scholarships and resources made available exclusively for mentees. I am grateful for the connections I’ve made and the support I’ve received; it’s reaffirmed that STEM is the path I should pursue.”

- Marilyn Machuca
Computer Science, AS



“In addition to encouraging my mentee to persevere in his academic endeavors, I was also able to build a meaningful friendship beyond academia. I provided helpful advice to him, but I also learned from my mentee as I understood his unique life experience and why he chose STEM. It has been a very worthwhile experience!”

- Frank Manu
Robotic Systems Development Engineer,
Amazon