

How to be an active CSTEPer

Collegiate Science and Technology
Entry Program (CSTEP)



What is CSTEP?

Outreach program meant to encourage & prepare more underrepresented minorities and low income students for entry into scientific, technical, health, and health related professions, including many areas where licensure is required.

- **Increase the number of these students who pursue professional licensure and careers in mathematics, science, technology and health-related fields**

Who are we?

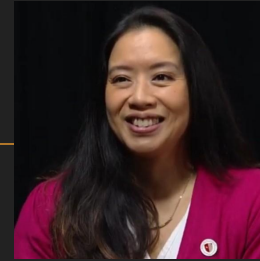
CSTEP STAFF



Directors



Dorys Johnson (Rm. 1429)



Dr. Christine Veloso (Rm. 1307)

Support Staff



Program Assistant:
Dr. Daniene Byrne (Rm. 1307)



Administrative Assistant:
Michelle Riley (Rm. 1430)



CSTEP/LSAMP Coordinator:
Risa Stein (Rm. 1307)

Qualities leading to Success in STEM

In addition to your academic training and skills...

- ❑ Critical Thinking
- ❑ Problem Solving
- ❑ “Grit”
- ❑ Passion
- ❑ Determination
- ❑ Communication Skills
- ❑ Team Work
- ❑ Leadership & Life Experience
- ❑ Life Goals
- ❑ Sense of Belonging/Support
- ❑ Networking
- ❑ Mentors

STEP/CSTEP offers ways to help their members obtain experiences & opportunities outside of the classroom to facilitate the development of these skills.

How does SBU CSTEP help?

Offer enrichment experiences through the exposure to the University's rich academic resources.



SBU CSTEP Mantra- EDUCATE, EQUIP & EMPOWER:

- Providing students with the information, experiences and the skill sets needed to graduate and succeed in their chosen field/major in STEM or a licensed profession

At SBU, STEP & CSTEP collaborate in a number of ways to help create a sense of community and support that provides enrichment opportunities for all !

What does SBU CSTEP offer?

Advising & Support

Academic & Personal Growth & Resources

STEM Internships and Research Opps

Internships to work with STEP students

Friendship & Community

Enrichment

Professional Development



CSTEP General Body Meetings

CSTEP OPENING GBM
 Let's celebrate the end of the first five weeks of classes this semester!
Friday, September 30th
 2 PM- 4PM
 Bauman CO29

Food & Raffles!

RSVP HERE: 

CSTEP PRESENTS
Don't Be Scared ... It's ONLY Failing
 Learn how failure is only one step closer to success!

FRI OCT 28
 2:00 PM to 3:00 PM
 SAC 305

FOOD & RAFFLES!!

RSVP HERE  

JOIN US IN OUR
CSTEP ETIQUETTE DINNER
 SAC 302

NOVEMBER 18th
 3:00 PM - 5:00 PM



Practice how to present yourself professionally over dinner at conferences or other networking events!

RSVP HERE 

CSTEP CLOSING CEREMONY

JOIN US IN CLOSING OUT THE FALL SEMESTER!
 DEVRIES CENTER

DECEMBER 2ND FROM **4:00 PM - 6:00 PM**
 FOOD AND DRINKS PROVIDED!

RSVP  

CSTEP PRESENTS
Opening GBM
3PM-5PM ON 02/17/2023
WHERE: SAC 306

LET'S CELEBRATE THE BEGINNING OF THE SEMESTER WITH FOOD & RAFFLES

ELEVATE YOUR SPEAKING

Envision yourself commanding a room, masterfully articulating ideas while making everyone feel heard. Regardless of profession, your potential becomes limitless.

Stony Brook CSTEP & Speak From Within invite you to the following public speaking workshop!

C-STEP General Body Meeting

Fri 3.31.23 | 3-5PM
 In-person @ SAC 306



Hosted by Emilio Ron, SBU CSTEP Alumna & Founder of Speak From Within


FUNDAMENTALS OF LEADERSHIP

Stony Brook CSTEP & Speak From Within invite you to the following leadership workshop!

- Fundamentals of Leadership
- Challenges Leaders Face & How to Overcome
- Identifying Personal Leadership Style

C-STEP General Body Meeting

Fri 4.7.23 | 3-5PM
 In-person @ SAC 306



Hosted by Emilio Ron, SBU CSTEP Alumna & Founder of Speak From Within

COME JOIN US TO CELEBRATE

35 YEARS
 1988-2023
 CELEBRATING NYU STEP CAREER CENTER
 HEALTH & WELLNESS DEPARTMENT

SUNDAY APRIL 30
 11-2PM
 SAC BALLROOM A

CSTSP awards
 Gourmet food
 Lots of FUN!!

Photo Booth / TapSnap
 Superlative awards
 Digital yearbook

RSVP 

Semi-formal Attire Recommended!

2022 Fall Workshops



CSTEP TRANSFER SOCIAL MOTIVATIONAL BRACELETS

Make your own motivational bracelet!



OCTOBER 18TH, 2022
5:30 - 6:30 PM
SAC 312



**ALL STUDENTS ARE WELCOME TO JOIN!

CSTEP PRESENTS

TRANSFER SOCIAL GLOWING GAME NIGHT

SNACKS WILL BE SERVED AND CSTEP SWAGS FOR WINNERS!

Sep 20th, 2022
5:30 PM at SAC 312

FRESHMEN AND SOPHOMORE MIXER

**Wednesday 9/21
4:25 - 5:45**

RSVP by 9/19

FOOD RAFFLES

FUN LEARNING
HOW TO
COMMUNICATE
AND NETWORK

CSTEP TRANSFER SOCIAL DIY DIAMOND PAINTING

DIY diamond painted thank you card!
Free snacks and CSTEP swag will be provided.

NOVEMBER 15TH AT SAC 312
5:30 PM - 6:30 PM

RSVP Here

CSTEP Sophomore Financial Literacy Event

Join us Thursday, 10/13 1-2PM
SAC 303

RSVP Here!

THE CSTEP TRANSFER ADVISORY BOARD
PRESENTS

Glits and Glam Diamond Card Painting!

MAKE DIAMOND THANK YOU CARDS FOR
FRIENDSGIVING!
NOVEMBER 15TH, SAC 312 @ 5:30 PM



2023 Spring Workshops

INTRO TO MEDICAL EXPERIENCE

LEARN MORE ABOUT HOW TO GAIN CLINICAL HOURS AND MEDICAL EXPERIENCE AS AN UNDERGRADUATE



APRIL 5TH, 2023
4PM-5PM
SAC RM 304

ENJOY FOOD, FUN, WHILE LEARNING ABOUT DIFF. OPPORTUNITIES IN STEM

Devise and Thrive

Sophomore Workshop

03/08/2023
3 - 4 PM SAC 311



RSVP

CSTEP PRESENTS

COURSE SCHEDULING/REGISTRATION WORKSHOP

COME JOIN US FOR AN INSIGHTFUL EVENING OF REGISTRATION PREPARATION! THERE WILL BE SNACKS AND PRIZES!



WHEN & WHERE?
**THURSDAY
MARCH 2, 2023
6PM - 7PM
SAC 311**

RSVP HERE




JOIN US FOR OUR

CSTEP SENIOR BBQ

(NOT JUST FOR SENIORS)

04.21.2023, 12-2 PM
Check-in at the Old Comp Sci Lobby



Professional Headshot
Career Center
Job Searching
LinkedIn & Alumni Network

CSTEP TRANSFER SOCIAL

WOMEN'S HISTORY MONTH JEOPARDY

Join us and put your knowledge to the test as we play Jeopardy for Women's History Month! All students are welcome & fun prizes for top competitors!



02 MARCH AT 3PM
SAC 312



RSVP here

CSTEP TRANSFER SOCIAL

TOTE BAG DECORATING

DONUTS AND COOKIES WILL BE SERVED AND CSTEP SWAGS FOR THE MOST CREATIVE PIECES!!

23 FEBRUARY AT 3PM
SAC 312



RSVP HERE



CSTEP X HENDY RAS

DIVERSITY FASHION SHOW

Join us as we break down traditional customs of professional attire!

Scan QR Code to RSVP



APRIL 22 2023
SAC 302
6 PM



We will have food and raffles!

CSTEP Transfer Social/CSTEP Club Presents

Resume Building & Internship Workshop

Featuring the Career Center

Come join us as we discuss how to advance our resume and apply for in-demand internships!

We will be serving empanadas, and giving out CSTEP swag

April 6, 3-4pm, SAC 312
RSVP Here to get a raffle entry!!




CSTEP Statewide Annual 29th Conference



Scholarships



Dr. David Ferguson Scholarship \$1000

Established to honor the life and work of David L. Ferguson, former Department Chair and Distinguished Service Professor of the CEAS Department of Technology and Society for his dedication and leadership in STEM education, as well as his commitment to increasing diversity in STEM. Provides support for one year to a student who demonstrates financial need. Preference given to students involved in the STEM Smart Initiative, which includes programs like CSTEP, LSAMP, etc..

2021-2022 Kahlil Pollack-Hinds

2022- 2023 Darla-Ena Boyer



Endowed Scholarship for Women in STEM \$1500

Provides support for two years to an academically promising STEM female transfer student from a disadvantaged background who has faced challenging social, economic, educational, cultural or other life circumstances, and who would qualify for acceptance into CSTEP.



2021-2023 Adriana Saloman Campodonico

2022-2024 Kristen Lland



Special Enrichment Opportunities *

- ❖ CSTEP Research Program
 - ❖ SB Home Interpreter Internship
 - ❖ CSTEP/LSAMP Mentor Program
 - ❖ CSTEP/CentriSeed Internship
 - ❖ CSTEP/BNL Winter Mini-Semester, Summer Internship

 - ❖ Include New Students through a Peer Introduction to Research Experience (INSPIRE)
 - ❖ Increasing Diversity in Undergraduate Cancer Biology Education and Research (INDUCER)
 - ❖ Stony Brook Underrepresented Premed Scholars (SUPREMES)
 - ❖ Explorations in STEM
- 
- 

Leadership Opportunities*

For example...CSTEP Student Advisory Board

- Consists of 2-3 students per category below.

- Academic Year: Freshman, Sophomores, Juniors, Seniors
- Commuter Students
- Transfer Students

- Paid position; Board Members help CSTEP develop and implement workshops, activities, etc. for the CSTEP membership

- Manage our social media and Blackboard pages to ensure our membership stays informed

- Applications open NOW!







Optional Freshman Courses

*

Stony Brook University Mandated Undergraduate College (UGC) 101's

<u>Mondays</u>	<u>Wednesdays</u>	<u>Thursdays</u>	<u>Fridays</u>
<i>SJE 101.352</i>	<i>GWC 101.248</i>	<i>GWC 101.249</i>	<i>CTI 101.124</i>
8-8:55 am	4-4:55 pm	4-4:55 pm	10- 10:55 pm
(Union, Room 111-40)	(Psy A, Rm 146)	(Psy A, Rm 146)	(Humanities, Rm 2047)
Kathleen Erhard	Dr. Veloso	Dr. Veloso	Dr. Byrne
(STEP Coordinator)	(CSTEP Director)	(CSTEP Director)	(CSTEP Program Coordinator)

*IF you want to be added to any of the above and it is listed as closed/capped, etc., please email mariana.torres@stonybrook.edu

- Tell her you are part of CSTEP
 - Tell her your SBU ID#
 - Give her the course number/date/time info of the section you would like to be added to
- 
- 



Optional Freshman Courses

*



CSTEP Freshman Summer Supplemental “Success 101” Course

EST 104.22 Projects/Technology Society

Tuesdays, 4- 5:20 pm *SOLAR incorrectly lists time as 4- 6:50 pm

(Computer Science Bldg, Room 1310)

○ *ALL new CSTEP Freshman are granted permission to register for this course but, if you get a message that you don't have permission to register, please email Dr. Veloso (christine.veloso@stonybrook.edu) and she will get you the necessary permission.



The Social Arm of CSTEP

- ❖ Social Events that Foster Relationships and Build Community Among Students
- ❖ Driven by **Collaboration**
- ❖ Committed to **Community Service**

*For **CSTEP** and **Non-CSTEP** Students Alike*

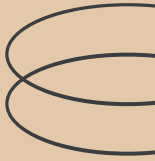
We're Recognized By



Find Us On



Active CSTEPers also...



- ★ Follow us on Instagram and Facebook!
 - FB: Sbu Cstep; IG: @SBUCSTEP

- **Summer Instagram Challenge**

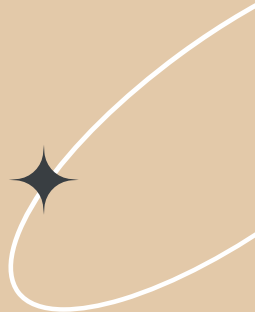
- ★ Stay up to date through Brightspace, via email on
- ★ Join CSTEP club
- ★ Participate in special events like conferences and trips!
- ★ Visit Us

We're Recognized By

SB ENGAGED



- ★ Participate in GBMs,
 - Workshops,and be engaged!



SOCIETY OF WOMEN ENGINEERS

- A national non-profit organization active for more than 70 years, giving student and professional women engineers a voice in the engineering community
- **Mission:** to foster a community of women in STEM and encourage leadership and positive development in an engineering or STEM field
- Our members have the opportunity to
 - Develop professional skills through professional events .
 - Network with others in STEM through social events
 - Expand their technical skills through workshops
- **Today's Activity:** Create your own battery!



SOCIETY OF ASIAN SCIENTISTS AND ENGINEERS

What is SASE?

- A non-profit national organization dedicated to helping Asian heritage scientific and engineering professionals achieve their full potential and find a community of where people of pan Asian cultures can connect and support each other.

SASE's mission:

- Prepare Asian heritage scientists and engineers for success in the global business world.
- Celebrate diversity on campuses and in the workplace.
- Provide opportunities for members to make contributions to their local communities.



Institute of Electrical and Electronics Engineers

- **What is IEEE?**
 - We are the Stony Brook Student Branch of IEEE, an international organization of professionals in the fields of electrical and computer engineering
 - Our mission is to help our members with their academic work, technical skills, and professional growth during their time in college
- **Today's Activity:** Night Light
 - Learn basics of electric circuits and what an LED is, then make and decorate your own light up art to take home!



NATIONAL SOCIETY OF BLACK ENGINEERS

- NSBE, founded in 1975, supports and promotes the aspirations of collegiate and pre-collegiate students and technical professionals in engineering and technology.
- **Mission:** To increase the number of culturally responsible black engineers who excel academically, succeed professionally and positively impact the community.
- NSBE Membership Benefits
 - Technical Training and Networking Opportunities at conferences
 - Leadership Development – Receive Exceptional Training at Regional conferences, the National Convention, and through our local chapter.
 - Scholarships and grants available



Today's Activity: 3D Printed Easter Eggs

Make your own candy-filled Easter Eggs using 3D Printing Pens!



American Society of Civil Engineers



Also known as ASCE! ASCE at Stony Brook University is a chapter of the national ASCE organization.

We expose our members to the different paths they can take within the civil engineering field. We host professionals/alumni as guest speakers from different companies, visit construction sites, workshops, and social events.

Every year, we build a canoe made of concrete and compete in a concrete canoe race.

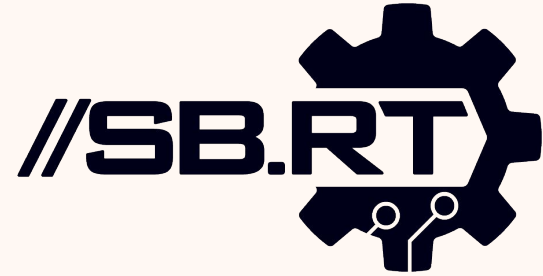
Today's Activity: Popsicle Stick Truss Bridge



Stony Brook Robotics Team

- SBRT is a competitive, multidisciplinary, engineering design team
- **Mission:** Foster an interest in robotics, empower students to gain practical engineering experience, and develop a community at Stony Brook
- Throughout the year, SBRT
 - Works collectively on a competition robot and other smaller projects (mentorship, personal projects, etc.)
 - Organizes a university-wide competition where students work in teams to design a robot for prizes
 - Hosts technical and professional workshops to equip members with practical skills for the professional world

Today's Activity: Minecraft Robots



Environmental Club

- **Environmental Club's Mission**
 - To improve, protect, and conserve the environment on a local and global scale through activism, education, and appreciation.
- Environmental club holds weekly meetings as well as cleanups, volunteer events, and off campus trips.
- Activity: Tragedy of the Commons 'Fishing'!



ColorStack

- **What is ColorStack?**

- A nonprofit organization founded in 2020 that aims to help Black and Latinx students pursue computing related higher education, and to be successful in the industry.

- **ColorStack's Mission**

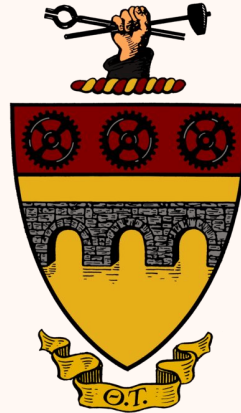
- To increase the entrance, retention, and success of Black, Latinx, and Native American college students pursuing computing.





Theta Tau

Theta Tau is a co-ed professional engineering fraternity aiming to develop leaders for service, profession, and brotherhood.



The purpose of Theta Tau is to develop and maintain a high standard of professional interest among its members, and to unite them in a strong bond of fraternal fellowship.





Society of Hispanic SHPE Professional Engineers

Leading Hispanics in STEM.

SHPE's mission is to change lives by empowering the Hispanic community to realize its fullest potential and to impact the world through STEM awareness, access, support, and development.

Everyone is welcome! Regardless of your background.



Solar Racing Team



- The Stony Brook Solar Racing Team is a competitive organization at Stony Brook University that competes with our solar powered boat annually in the Solar Splash competition in Ohio.
- Our goals are to:
 - Help members gain hands-on engineering experience in electrical, mechanical, and software fields.
 - Improve our boat and performance every year
 - Promote the usage of solar energy





The Week Ahead...

Wednesday

- 5-6 dinner
- 6- 6:30 Staller Steps
- 6:30- 7 Seating for 7 pm Stony Brook Film Festival Movie w/Mentors
- 7- 9:30 pm
 - The Short
 - The Film

***Both will be included in a Jeopardy category for next week's Community Building Jeopardy**

Thursday

- 5-6 pm grab your dinner then head up to SAC 305
- 6- 7:30 pm The Amazing Race
- 7:30- 8 pm Race End/Debrief @ Hendrix Lounge

