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Left to right: Lydia Villa-Komaroff, Dorceta Taylor, Nergis Mavalvala, Tarika Barrett, Danica McKellar, Mae C. Jemison

# Welcome to March



Welcome to March and Women’s History Month! CSME has a wonderful display in our hallway of amazing women in STEM and STEM education. Some are famous, many are just like you and me. Stop by and learn about women's contributions to our everyday lives through STEM.

Spring is around the corner and so is spring break. As we get ready for the middle of the semester, CSME invites you and your classmates, study

mates, and friends to take advantage of our study spaces or join us for tea every Wednesday from 3 pm - 3:30 pm in the main office. This is a relaxed space to talk with each other and meet other students, staff, and faculty in and around CSME. Yes, our in-person Coffee Hour is still in person from 12 pm - 1 pm on Tuesdays and online from 1 pm - 2 pm on Fridays, but we want you to know **we are in your corner! We have your back!** Come hang out, ask for advice, and share your thoughts and feelings, or just be. You are part of our STEM education community and we are glad you are here.

There are a lot of cool opportunities in this newsletter including opening our Supplemental Instruction applications for Fall 2024, research opportunities, and of course, a chance to meet fellow students!

Welcome to Spring.

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## WHERE TO FIND US

Our main office is located in the Creative Arts building in room 127. Feel free to drop by anytime for a quiet place to study or to grab a snack between classes. You're always welcome at CSME.



CENTER FOR  
 SCIENCE &  
 MATHEMATICS  
 EDUCATION

# Women's History Month



March is dedicated to the brilliant women in our lives. This month CSME is spotlighting women who have made important steps forward in STEM and STEM education.



Dorceta Taylor, an environmental sociologist and social justice activist, uses her voice to speak out on how conservation ideas and politics are tied to social dynamics such as racism, classism, and gender discrimination. She explores these ideas further in her book, *The Rise of the American Conservation Movement: Power, Privilege, and Environmental Protection*.

**Dorceta Taylor**



As the CEO of Girls Who Code, a non-profit international organization, Tarika Barrett works to inspire and educate young women in the field of Computer Science. Before becoming CEO, Tarika was the Chief Program Officer at iMentor, a program that supports students from low-income households and their college journeys.

**Tarika Barrett**



Deanna Burgart, a chemical engineer and advocate for Indigenous STEAM students, has 20 years of experience in energy and pipelines. She is the President of Indigenous Engineering Inclusion Inc. and co-founder of IndigeSTEAM, a non-profit youth initiative that connects Indigenous professionals and youth in the spirit of mentoring and collaboration.

**Deanna Burgart**

# STUDENT SPOTLIGHT

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## Tyler Cruz



“I am Tyler Cruz, my pronouns are he/him, and I am a fourth-year bio physiology major with future aspirations to work in the medical field as an emergency physician.

I was inspired by my first experience with the Supplemental Instruction course to join the program in 2022 to play a more active role in supporting my college community.

Through this opportunity, I have had the blessing of making lifelong connections, acquiring mentees, and aiding them in their academic careers. I have been able to grow as a leader who can competently communicate and share helpful information that can benefit the course of a student's learning experience.

I would advise other students who plan to join this program to take this as an opportunity to not only be a helpful part of your academic community in your respective Supplemental Instruction course but also as a way to guide your fellow students outside of the program. We are all students trying to navigate the scary world of college and the Supplemental Instruction program is an amazing way to support your fellow students.”



**Supplemental  
Instruction**

March 2024

# AFFILIATED FACULTY

## SHANDY HAUK PROFESSOR

After college, Dr. Shandy Hauk's first California teaching credential was in English, then supplemental in Mathematics. She has been a college professor of mathematics and mathematics education and a full-time researcher at San Francisco State University. Her current work is in three areas: helping people who teach math to do it better, helping people who learn math to do it better, and helping people who design policy for mathematics teaching and learning to do it better.



## ILMI YOON PROFESSOR

Dr. Ilmi Yoon is a Professor in the Computer Science Department at San Francisco State University. She studied at CGIT Laboratory (Computer Graphics and Immersive Technologies) with Prof. Ulrich Neumann in the Computer Science Department at the University of Southern California. She focused on "Web-based Remote Rendering using Image-Based Rendering Techniques." Her research relates to Gamification, Interactive media, Network Information, and Visualization.

# CSME EVENTS



## CSME COFFEE CORNER

Curious about CSME? Interested in learning more about our programs? Want to know more about becoming a teacher?

Visit our CSME office in person and get your questions answered over a cup of tea and some snacks. We are here for you.

Stop by and receive free CSME swag.

**When:** In person every Tuesday  
12 pm - 1 pm

**Where:** Creative Arts 127

### Can't make it in person?

Join us online every Friday,  
1 pm - 2 pm

**Zoom ID:** 829 3522 5159

**Passcode:** 0xSCjv

## ORIGAMI LESSONS

Join CSME student assistants before a Teacher Fellows meeting as they answer the question: how does math and origami mix?

Join us every month and learn something new!

**When:** 3/15, 4/19  
4 pm - 4:30 pm

**Where:** Creative Arts 126



## TEACHER FELLOWS SPRING 2024 MEETING

Interested in learning more about the Teacher Fellows program? Attend a seminar, get a tasty dinner, and meet other students who are exploring a teaching career. For more information, contact Arnold at [arnoldkhampaseut@sfsu.edu](mailto:arnoldkhampaseut@sfsu.edu).

**When:** 3/15, 4/19  
4:30 pm - 6:30 pm

**Where:** Creative Arts 127

## STAJES SPRING 2024 SEMINAR

Dear STAJES members, don't forget to attend your monthly seminars.

**When:** 4/5, 5/17  
4 pm - 6 pm

**Where:** Creative Arts 126





# OPPORTUNITIES

## Scholarships

### Black Excellence Scholarship

The San Francisco Foundation Black Excellence Scholarship for SF State is a charitable fund of the San Francisco Foundation (SFF) that provides dedicated scholarship support to Black students at San Francisco State University.

Interested students must submit their applications by April 30th at [sff.org/BLACKEXCELLENCESCHOLARSHIP/](https://sff.org/BLACKEXCELLENCESCHOLARSHIP/)

### Teacher Fellows

Interested in becoming a K-12 STEM teacher and gaining support from a community of like-minded students who love science and math?

Consider joining Teacher Fellows and gain experience in the field while earning \$500 - \$1,500 a semester.

Visit our website to learn more about Teacher Fellows and consider applying to our program.



SF Math Circle Festival

## Job Opportunities

### SF Math Circle

Earn at least \$19/hour to work with small groups of elementary or middle school students as they explore interactive, hands-on puzzles and games.

To find out more information and to apply, visit [sfmathcircle.org/facilitators](https://sfmathcircle.org/facilitators)

### Supplemental Instruction

Applications to become a Fall 2024 SI facilitator will open in mid-March. Applicants will be contacted via email to set up follow-up interviews in April. Keep an eye out on our website [csme.sfsu.edu/SI](https://csme.sfsu.edu/SI) for an application.

## Support

### Campus Resources

SF State has an abundance of on-campus resources for students, ranging from food/shelter support to equity support.

Visit the student resources website at [studentresources.sfsu.edu/resources](https://studentresources.sfsu.edu/resources)

If you're having trouble during this school year and need to talk to someone, visit CAPS (counseling and psychological services) <https://caps.sfsu.edu>

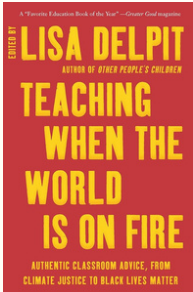
Find academic support at SF State's Tutoring and Academic Support Center (TASC). Visit their website at [tutoring.sfsu.edu](https://tutoring.sfsu.edu)

# CSME'S MONTHLY BOOK LIST



We would like to share a selection of books and articles to help inform our community of ways we can be conscious of issues surrounding injustice and racism while celebrating the different cultures and identities that make our community rewarding and meaningful.

CSME is now giving away free STEM education, math, science, and social justice books year-round! Stop by Creative Arts 127 and pick up something new to read.



## Teaching When the World is On Fire: Authentic Classroom Advice

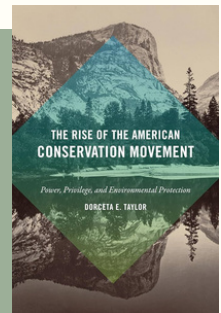
by Lisa Delpit

In *Teaching When the World Is on Fire*, Delpit turns to a host of crucial issues facing teachers in these tumultuous times. Delpit's master-teacher wisdom tees up guidance from beloved, well-known educators along with insight from dynamic principals and classroom teachers tackling difficult topics in K–12 schools every day.

## The Rise of the American Conservation Movement: Power, Privilege, and Environmental Protection

by Dorceta Taylor

In this sweeping social history, Dorceta E. Taylor examines the emergence and rise of the multifaceted U.S. conservation movement from the mid-nineteenth to the early twentieth century. She shows how race, class, and gender influenced every aspect of the movement, including the establishment of parks; campaigns to protect wild game, birds, and fish; forest conservation; outdoor recreation; and the movement's links to nineteenth-century ideologies.



Enter numbers in each row and column to arrive at the end totals. Only numbers 1 through 9 are used, and each only once.

	-		+		=	6
-		+		-		
	+		-		=	14
+		-		+		
	-		+		=	5
=		=		=		
9		10		4		

## PUZZLE CORNER

Do you have an interest in puzzles like this and teaching kids? Join SF Math Circle and teach 2nd - 8th grade kids while gaining teaching experience. Visit our opportunities page (9) and find out how to join.

Got the answer? The first five people to visit our office, Creative Arts 127, with the correct answer will win a prize. The winners and the answers will be revealed in our next newsletter.

## We Would Love to Hear from You!

Your support and input at CSME is important to us. Let us know if you have feedback you'd like to offer—suggestions for student/teacher spotlights, book recommendations, etc. Have a club you'd like to advertise? Let us know about it!

Feel free to leave comments through the QR code or link provided!  
[https://sfsu.co1.qualtrics.com/jfe/form/SV\\_74cHrE7WXY8imiO](https://sfsu.co1.qualtrics.com/jfe/form/SV_74cHrE7WXY8imiO)



## Q&A

Got more questions about the Center or one of our programs? Fill out our Qualtrics survey and we'll get back to you ASAP.

Feel free to leave any questions through the QR code or link provided.  
[https://qfreeaccountssjc1.az1.qualtrics.com/jfe/form/SV\\_1YRXJxYRd5O9dNY](https://qfreeaccountssjc1.az1.qualtrics.com/jfe/form/SV_1YRXJxYRd5O9dNY)



## Keep Up With CSME News!

Subscribe to CSME's Mailing List and receive updates and announcements, including our monthly newsletters. Subscribe by clicking the link or scanning the QR code:  
[https://qfreeaccountssjc1.az1.qualtrics.com/jfe/form/SV\\_2s1liWxVkuEPqu2](https://qfreeaccountssjc1.az1.qualtrics.com/jfe/form/SV_2s1liWxVkuEPqu2)



## Donate to CSME

If you'd like to help CSME continue to support equity on our campus and across the Bay Area, please consider a donation to our program. Visit our website at [csme.sfsu.edu/donate](https://csme.sfsu.edu/donate), click the 'Support CSME' dropdown menu, and select donate.

If you're interested in discussing a donation, contact our director, Tendai Chitewere ([tendai@sfsu.edu](mailto:tendai@sfsu.edu)).

Thank you!

## Follow Our Instagram

Keep up with CSME on our Instagram page at [@csme\\_sfsu](https://www.instagram.com/csme_sfsu)! Get information about our events, programs, and important CSME updates.



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