

# Summer/Fall 2022

# Path to STEM Success

Dr. Amanda Hernandez

Dr. Toni Trejo Parsons



# Path to STEM Success Summer 2022

- Day 1 and 2:
  - Work Based Learning/Internship Overview
  - Industry Guests and Student Panel
  - Free Lunch with Industry Guests and Student Panel
  - Fun activities with faculty
  - Tour of STEM Center
  - STEM Counseling/Transfer General Information
  - Questions with STEM Counseling/Transfer



# Path to STEM Success Summer 2022

## Day 3 and 4

- STEM Study Jams
  - Review Math Concepts
  - How to use your calculator
  - Review Chemistry Concepts
  - Review Physics Concepts



# Summary of Results from Path to STEM Success

- STEM Interest:
  - Attending the orientation appears to have increased students' interest in pursuing a STEM career.
  - Increase interest in pursuing a STEM career from **68% extremely interested to 85%**
- STEM Identity:
  - Increased sense of belonging score among Latinx students from **3.7 to 4.1** on a 5 point scale



**Sofia  
Lopez-Orraca**

Participant of Summer 2022  
Path to STEM Success /  
Computer Science Major



# Student Comments

*I liked meeting students as well as getting to know the campus and the faculty. The best activity was talking in a small group with the two STEM counselors, Patti and Guillermo.*

*All of it. It was great to meet an entire team of people that were so enthusiastic and supportive. The knowledge that I can utilize both this entire team and all the available resources **changed my perspective on how attainable a major** in any of these fields will be...*

*The **amount of resources** that we had and could use at any given time.*

*Everything on day one and 2 was extremely helpful. I **learned a lot about services and transfer that I knew nothing about.** I loved getting to speak with different Professors and find who I mesh with best.*



**Rita McBean**

Participant of Summer 2022  
Path to STEM Success /  
STEM Core Student /  
Studying Chemistry

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Equity, Excellence, Éxito

## Path to STEM Success Presents Path Pizza Party

*Everyone is invited!*

*Free Pizza/Snacks, Fun activities and  
Get to Know Professors and Classmates.*

**When:**

Monday, September 26  
(10:30am - 1:30pm)

**Where:** MS Lobby

**How:**

No RSVP required, just come and enjoy!

Questions? Contact Dr. Amanda Fusco-Hernandez  
at [afusco@sdccd.edu](mailto:afusco@sdccd.edu)

# Path Pizza Party

- Over 270 students enjoyed pizza, coffee, and snacks
- A time for students to come together and get to meet other students and faculty from other departments and classes.





# STEM Study Jams



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**Path to STEM Success Presents  
STEM Study Jam (CHEM, BIOL & MATH)**

*Join us for STEM Study Jam with Professors,  
Peer Mentors, and Tutors!*

**When:** 10/4 (Tue) & 10/5 (Wed)  
11:30am - 1:30pm & 2:30pm - 4:30pm

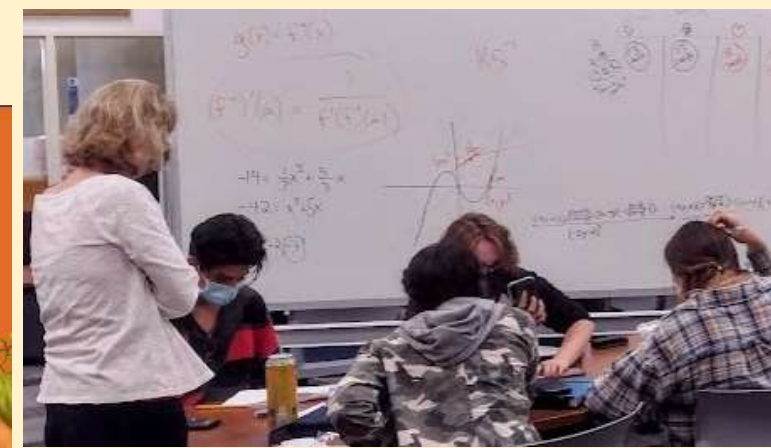
**Where:** STEM Center (1st Floor of LRC)

**Subjects:** Chemistry, Biology, and Math

**How:**  
No RSVP required, just show up, study, and review

**Questions? Contact Dr. Amanda Fusco-Hernandez  
at [afusco@sdccd.edu](mailto:afusco@sdccd.edu)**

Path to STEM Success Presents STEM Study Jam is funded  
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(GAN# P031C210022) and  
School of Mathematics & Natural Sciences



# STEM Study Jams:

## Help Students Prepare for End of the Semester Exams



***Let's get ready for finals for BIOL, CHEM, and MATH!***

***Join us for STEM Study Jam with Professors, Peer Mentors, and Tutors!***

**Location: STEM Center (LRC 1<sup>st</sup> Floor)**

**11/30 (Wed) & 12/1 (Thu)**

**11:30am-1:30pm & 2:30pm-4:30pm**

**(Snacks provided)**



Questions? Contact Dr. Amanda Fusco-Hernandez  
at [afusco@sdccd.edu](mailto:afusco@sdccd.edu)



# Path to STEM Success: Intersession 23

## Day 1 (January 23<sup>rd</sup>): 9am to 3pm

- Industry/Internship opportunities panel
- Lunch with Industry Panel/Student Panel/STEM faculty
- STEM counseling general information session
- STEM transfer general information session
- Study Jam with STEM faculty and peer mentors
- Fun activities with STEM Faculty
- Student panel

## Day 2 (January 24<sup>th</sup>)

- Study Jams at 4 different times:
  - 9-10am, 10-11am, 12-1pm, 1-2pm
- Study Jams for Students in:
  - Math
  - Biology
  - Chemistry
  - Physics
  - Engineering

# Thank you to the Path to STEM Success TEAM:

- Ikuko McAnally
- Toni Parsons
- Brian Mackus
- Pavel Consuegra
- Patricia Rodriguez
- Carole Thompson
- Anne Hedekin
- Jennifer Carmichael
- Jennifer Snyder
- Jessica Sardo
- Anar Brahmhatt
- Sandra Belew
- Shahrokh Parvini
- Danica Moore
- Juan U. Bernal
- Synthia Chang

# THANK YOU!

Amanda Hernandez, Amy Grobin, Anabel Pulido, Anar Brahmabhatt, Anne Hedekin, Ashanti Hands, Baktash Olomi, Brian Mackus , Carole Thompson, **Christian Gonzalez Ruiz**, Danica Moore, Deborah Moss, Diane Squillaro, Donna Budzynski, Gianfranco Calafiore, Guillermo Marrujo, **Hafid Rafii**, Hai Duong, Hamid Bahraseman, Ikuko McAnally, Irena Stojimirovic, Isabel O'Connor, Jennifer Carmichael, Jennifer Snyder, Jessica Sardo, Juan Bernal, Julia Hoopes, Katherine Belden-Hillery, Katlin Choi, Lance Parker, Larry Foster, Mari MacNeill, Maria Teresa Poblete, Michael Williams, Morteza Mohssenzadeh, Nancy Cortes, Olga Pilipets, Patricia Rodriguez, Paula Detwiler, Paula Gustin, Pavel Consuegra, **Ramtin Tajbakhsh**, **Rita McBean**, Rob Fremland, Sandy Belew, Shahrokh Parvini, Shane Briggs, **Sophia Lopez-Orraca**, Synthia Chang, Toni Trejo Parsons, Yasmin Alkabbani, Zoe Adler