

# STEM CENTER



[sdmesa.edu/conexiones](http://sdmesa.edu/conexiones)

April 2018

LRC 115

(619)388-5660

M-Th 9am-8pm / Friday 9am-5pm / Saturday 9am-4pm

## STEM COMMUNITY SCHOLARS

Field trip to White Labs Inc. and Solar Turbines

## STEM STUDENT SPOTLIGHT

- Norma Gutierrez
- Flavia DePlachett
- Naylynn Tañón
- Shawn Cvetezar
- Oscar Correa

## THE STAND

Farmers Market

## MEET OUR TEAM

Tahmina Habibzada



# STEM COMMUNITY SCHOLARS FIELD TRIP TO WHITE LABS INC. AND SOLAR TURBINES



Their first stop was White Labs Inc., a manufacturing company that provides liquid yeast, fermentation products and education to professionals. Employment with White Labs offers multiple opportunities ranging from lab technicians, HR, or packaging. In their lab, the microbiologists do selective media transfer, yeast propagation, contamination assessment and new fermentation methods.

The second site visit was to Solar Turbines Inc at their Kearny Mesa offices. They design and manufacture industrial gas turbines. The scholars learned about the wide variety of career paths that could be taken within the company, such as engineering, IT, accounting and much more. The staff split into four groups and showed the students around the company. Justice Price, one of the employees engaged the students in understanding how the turbines worked. He explained the difference between each generator set ranging from Titan 250 to Taurus 70. They design turbines that are safe to use both onshore and offshore. Hospitals, universities, oil companies and homes are all using these turbines to power them daily. These field trips gave STEM Community Scholars a newfound knowledge of the different positions and opportunities that are available to them after completing their major. STEM Conexiones programs increase the knowledge and percentage of scholars in seeking their STEM degree.

# #STEM STUDENT SPOTLIGHT

Oscar Correa

UCSD  
Nanotechnology  
Infrastructure  
(SDNI) Program



Flavia DePlachett

UCSD  
Nanotechnology  
Infrastructure  
(SDNI) Program



Naylynn Tañón

NASA Community  
College Aerospace  
Scholar



Shawn Cvetezar

NASA Community  
College Aerospace  
Scholar



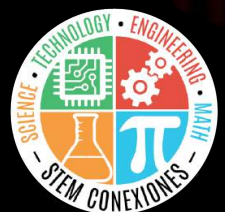
Norma Gutierrez

Bridges to the  
Baccalaureate  
Program



Tell us about your recent awards or college acceptance and be featured in the STEM Center Newsletter and STEM Center #STEM Student Spotlight!

Contact Tahmina Habibzada at [thabibzada@sdccd.edu](mailto:thabibzada@sdccd.edu) for more information.



# THE STAND: FARMERS MARKET

San Diego Mesa College “The Stand: Farmers Market,” took a stand against hunger and offered free food to the mesa college students on April 19th, 2018. The Stand, partnered with Feeding San Diego and provided various locally grown vegetables and fruits. Anthony one of the STEM Center students mentioned that “I am thankful for the fresh food that The Stand offered.” Many students were thankful that for a week they didn’t have to worry about purchasing groceries. During the event students were able to apply for Cal Fresh and learn about other campus resources. To learn more please visit [The Stand Website](#).



## MEET OUR TEAM:

### Tahmina Habibzada

This month, we are excited to introduce Tahmina Habibzada, one of our HSI STEM Conexiones project assistants. She is a molecular biology student at San Diego Mesa College. She can often be spotted in the STEM center, helping students and working on publishing the next newsletter. Tahmina is involved in a variety of things on campus as a SEEDS scholar and a STEM community scholar, such as volunteering, attending academic workshops and making sure STEM information reaches students. This is Tahmina’s last semester here before she transfers to a four-year university. Although we will miss her, we look forward to hearing back from her and the next great adventure she will take on.



# STEM CENTER TUTORING

**STEM Center walk-in tutoring is available every weekday, now including Saturdays!**

Below is a list of subject levels available:\*

- **Monday:** Math 254, Bio 107, 210A, 210B, 160, 230, 235, CISC 190
- **Tuesday:** Math 255, Chem 231, Physics 197, Stats, Bio 210A
- **Wednesday:** Math 254, Geography 101, Stats, Chem 152, Bio 107, 205, 210A
- **Thursday:** Math 151, Chem 201, Enge 200, 250, Phys 196, CISC 190, Bio 210A
- **Friday:** Math 92, Chem 200
- **Saturday:** Bio 107, 210, Chem 201, Math 151, CISC 190

For a detailed list of subjects offered per hour, please visit the STEM Center front desk.

\*Disciplines subject to change.

## HOURS

**M-F: 10am-3pm &  
5pm-7pm  
S: 10am-3pm**

***No appointment needed for tutoring or counseling!***

***Walk-ins welcome.***

## STUDENT RESOURCES

- Laptops for check-out
- Models & equipment for study
- Certified STEM tutors
- STEM Counselor
- Lounge area
- Desktop computers with STEM software
- Graphing calculators for check-out
- Course textbooks for check-out
- Group study tables & white boards

## STEM COUNSELING WITH PATRICIA RODRIGUEZ



## HOURS

**M: 4pm-6pm  
T: 12pm-2pm  
Th: 10am-1pm**

**Questions about  
the STEM Center?**

**Contact us:**

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