



President's Advisory Group
November 5, 2018

CATCH A *FREE RIDE* TO COLLEGE!



Cañada College is offering **FREE** hourly shuttle service directly to campus from East Palo Alto

Monday - Thursday

7 a.m. - 2 p.m.

6 - 11 p.m.

994 Beech Street

Information on Shuttle Schedule & Location:

canadacollege.edu/shuttle



Shuttle



- Second shuttle ordered to accommodate student demand
- 7 a.m.-1:30 p.m., the main shuttle serves approx. 66 riders and “overflow” serves approx. 75 riders, daily.
- 5-10:30 p.m. serves 10-15 less riders
- RFP out for permanent shuttle
- Evaluating potential, additional routes

Meal Bundles



- Nearly **3,000** meals purchased in **Spring** semester
- Anticipating **5,000** meals purchased by end of **Fall** semester.
- Meal includes a sandwich, piece of fruit, water and snack for \$6 in the day and \$3 at night.
- Variety of sandwich options. Recently added pasta and rice as a heat-and-serve warm meal option.

President's Luncheon



President's Luncheon

- 250 attendees
- \$42,000 in sponsorships
- \$5,925 donations at event
- \$4,572 in ticket sales
- **Total to Date: \$52,747**



Awareness Summit: Feb 21, 2019



STEM Academy: A Guided Pathways Pilot



October 24, 2018

STEM Center Services and Programs

- Study rooms
- STEM tutors
- Faculty office hours
- STEM Retention Specialists and Counselors
- Clubs, workshops and activities



Programs are organized into **STEM Academy** as a pilot for the four pillars of Guided Pathways

1) Create Clear Curricular Pathways

STEM PATHWAY FIRST YEAR

Meeting with our STEM Counselor to create your SEP and engaging in Summer STEM exploration and supportive activities before you begin your first semester of college will make sure you get off to the best possible start.

SUMMER BEFORE



COLTS CON
MATH or CHEMISTRY JAM
STEM Counselor

Get Oriented

FIRST SEMESTER 13+ UNITS

MATH 225 (Path to Calc)
ENGL 100 (Reading and Comp)
LCTR 810 (Study Skills)
Major Specific Class *or*
GE Class (transferrable)

Get Going

SECOND SEMESTER 13+ UNITS

MATH 251 (Calculus)
ENGL 165 (Advanced Comp)
CRER 110 (Transfer Essentials)
Major Specific Class *or*
GE Class (transferrable)

Get Focused

Following the above pathway will get you off to the right start for any STEM major at Canada.

canadacollege.edu/stemcenter/

a. First Year STEM Pathway Courses b. Cohorts



- Guide students in registering for foundational STEM classes
- Steer students to relevant college resources
- Create cohorts of students to promote interconnectedness

2) Help Students Choose and Enter Their Pathway

STEM Explorers

- Five-Day Comprehensive “Boot Camp” before fall term
- Hands-on STEM workshops led by STEM faculty
- Group presentations and one-on-one meetings with STEM Counselor
- Introduction to campus support services



2) Help Students Choose Their Pathway

STEM Speaker Series

- Features local STEM professionals from diverse backgrounds and educational paths
- 7-8 weekly sessions per semester
- Open to members of the community

Internships

- 53 Student Placed in 2017/2018



The STEM Center at Cañada College
FALL 2018
Wednesdays 6:00-8:00 pm
Location: Bldg. 6-102

STEM SPEAKER SERIES

Sept 19		Speaker Series Kick Off The Entrepreneur Panel
Sept 26		Marcella M. Gomez Assistant Professor UC Santa Cruz "Combining Biology: A mathematical approach"
Oct 3		Adam Windham Interim Dean of Sciences and Technology Canada College "Transient Luminous Events: Upper-Atmospheric Lightning"
Oct 17		Apeksha Gajjar Assistant Project Manager Swinerton "Finding your Career in Construction: My Personal Journey"
Oct 24		Brett Baker Geologist One Concern - Building Resilience "Life's a Journey, STEM has guided mine from Wyoming to Hall to Antarctica"
Nov 7		Ryan Turner Geodetic Field Engineer UNAVCO My Geodesy - From High School Drop-out to Engineering on the Plate Boundary Observatory
Nov 14		Michelle Staples Scientist Thermo Fisher Scientific Biology, a Boy, Babies, and Biotech: A California Story

For more info: cañadacollege.edu/STEMcenter/SpeakerSeries FREE and open to all

3) Help Students Stay on Their Pathway

Dedicated STEM Counseling, Retention Activities and Transfer Support

- Students meet with the STEM Counselor periodically to monitor progress towards goals
- Retention activities keep students on track:
 - Early Alerts
 - “Ask Me Anything”, Drop In Hours
- Course: Honors Transfer Essentials for second-term students
- Workshops help students apply to transfer in a STEM major


3) Help Students Stay on Their Pathway

University Visits


- STEM-focused visits to universities
- Pre-trip workshops to prepare students
- 5-6 per semester



University Visits

Stem Fieldtrips 

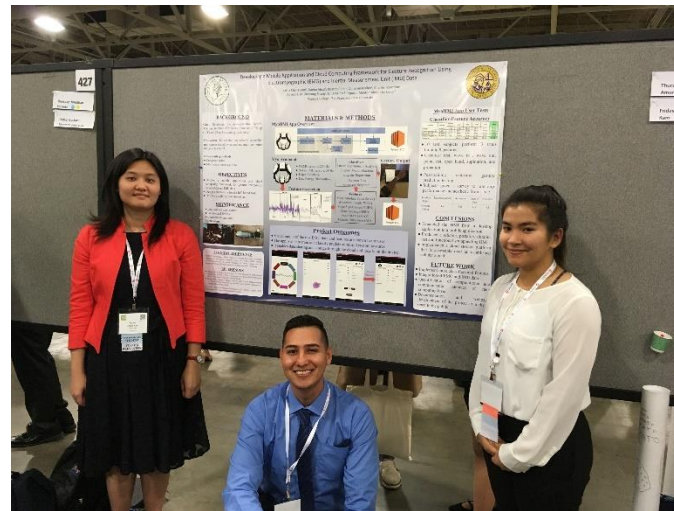
Preview Workshop Monday, September 10th 4:00pm Bldg. 2-10	San Jose State University STEM Day Saturday, September 15th 8:00am-4:00pm
Preview Workshop Monday, October 15th 2:30pm Bldg. 9-206	UC Berkeley Friday, October 19th 7:00am-5:00pm
Preview Workshop Monday, October 29th 2:30pm Bldg. 9-206	UC Davis STEM Day Friday, November 2nd 7:00am-5:00pm
Preview Workshop Monday, November 5th 2:30pm Bldg. 9-206	UC Santa Cruz Friday, November 9th 7:00am-5:00pm
Preview Workshop Monday, November 26th 2:30pm Bldg. 9-206	Cal Poly, San Luis Obispo Friday, November 30th 6:30am-7:00pm

 **Sign in today!**
tinyurl.com/Fall2018UniversityVisits

3) Help Students Stay on Their Pathway

Conferences

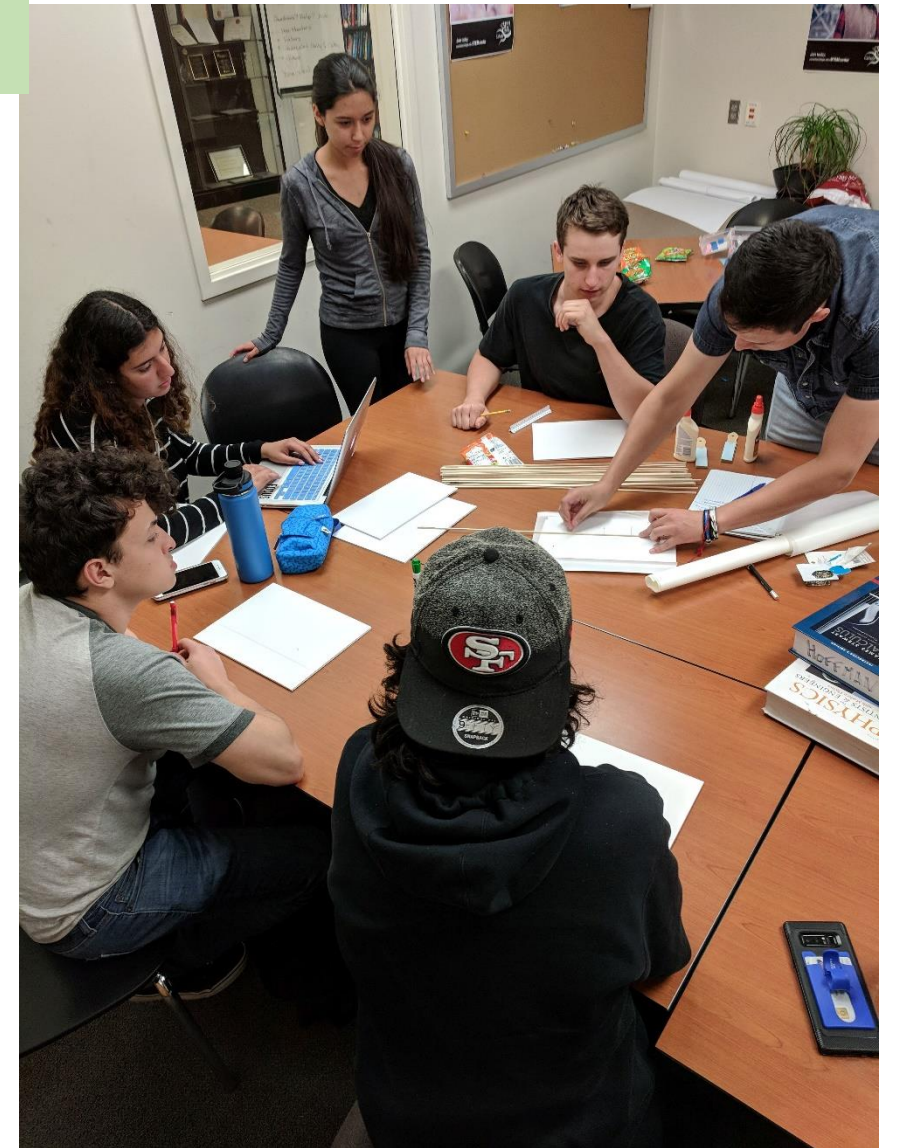
- students attend and present research internship results at professional conferences
- Faculty, staff coaching



3) Help Students Stay on Their Pathway

STEM Clubs

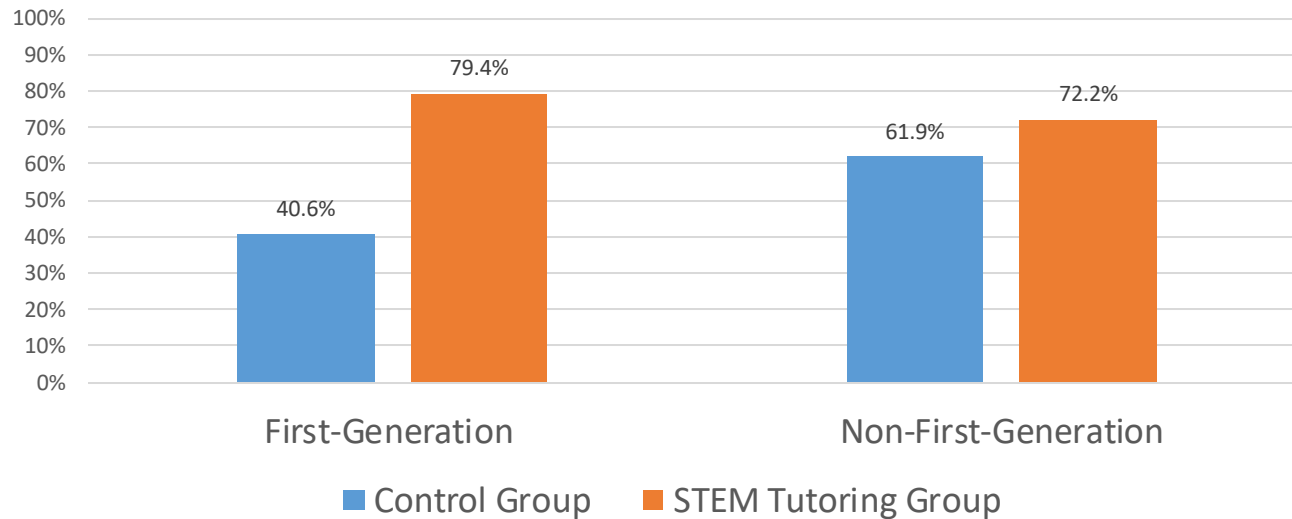
- Students assume leadership roles while exploring STEM topics
- STEM Clubs include: Math, Astronomy, Engineering, Women in STEM, Pre-Med, Virtual Reality, STEM creative writing



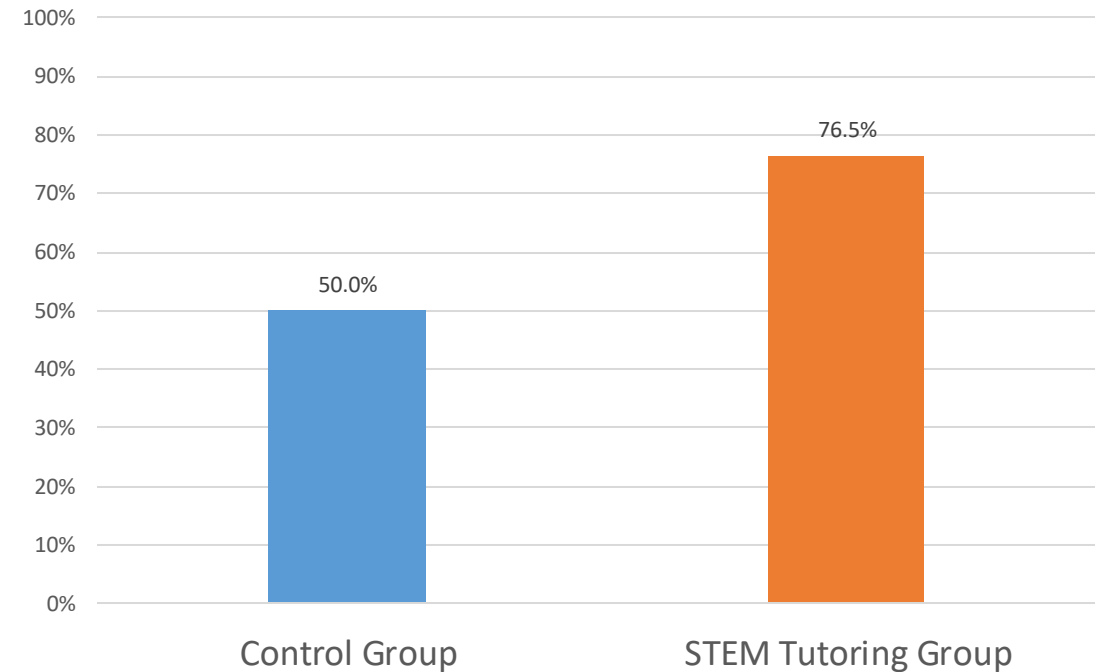
4) Ensure That Learning is Happening with Intentional Outcomes

➤ EPIC Supplemental Instruction and Peer Tutoring

Impact of STEM Tutoring Services on Math 225 Success Rates by First-Generation Status



Impact of STEM Tutoring Services on Minority Students' Success Rates in Math 225



4) Ensure That Learning is Happening with Intentional Outcomes

STEM Faculty Community of Practice

- Faculty Inquiry Groups to examine teaching practices; share outcomes
- Faculty Learning Program from UCB; jointly with SFSU and CSUEB faculty



Who Participates in STEM Center Activities?

33% are
Hispanic

49% are
Female

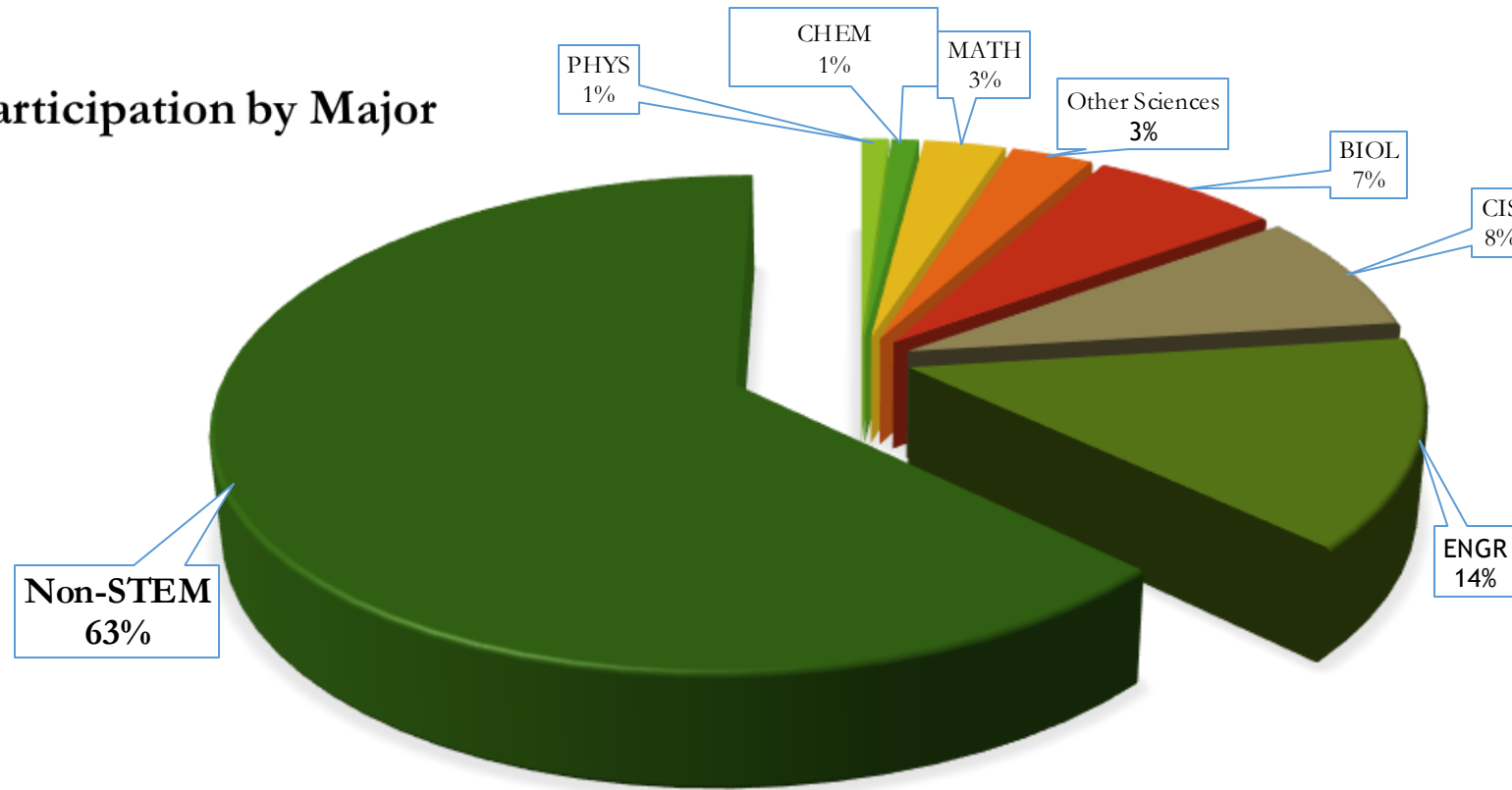


38% are
Low-Income

86% Plan to Transfer
to a 4-Year University

STEM Center Activities Benefit Whole Campus

Activity Participation by Major



■ PHYS ■ CHEM ■ MATH ■ Other Sciences ■ BIOL ■ CIS ■ ENGR ■ Non-STEM

What Happens After Cañada?

Top 4-Year Universities	# of Students
UC Davis	15
SFSU	9
UC San Diego	7
UC Santa Cruz	6
Cal Poly/SLO	5
SJSU	5
UC Berkeley	4

Top Majors	# of Students
Engineering	19
Computer Science/Software Engineering	11
Biology/Biochemistry	10
Math	7

Confirmed 2018 Transfers = 68 students

STEM Center Success Stories



- Tamara Dorian, Burlingame HS 2015
- Now: UCSC (Computer Science)

“The STEM Center campus tours and transfer days allowed me to fall in love with the UCSC campus”



- Oskar Granados, Woodside HS 2003
- Now: UCSD (Electrical Engineering)

“The STEM Center helped me integrate into engineering by providing me with support and opportunities”



Thank You!

STEM Center Staff

Georganne Morin

Cathy Lipe

Marcella Grant

Gonzalo Arrizon

Josue Alcaez

Sally Heath

Rance Bobo

Sandra Rodriguez

Milena Angelova

Maggie Baez



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