



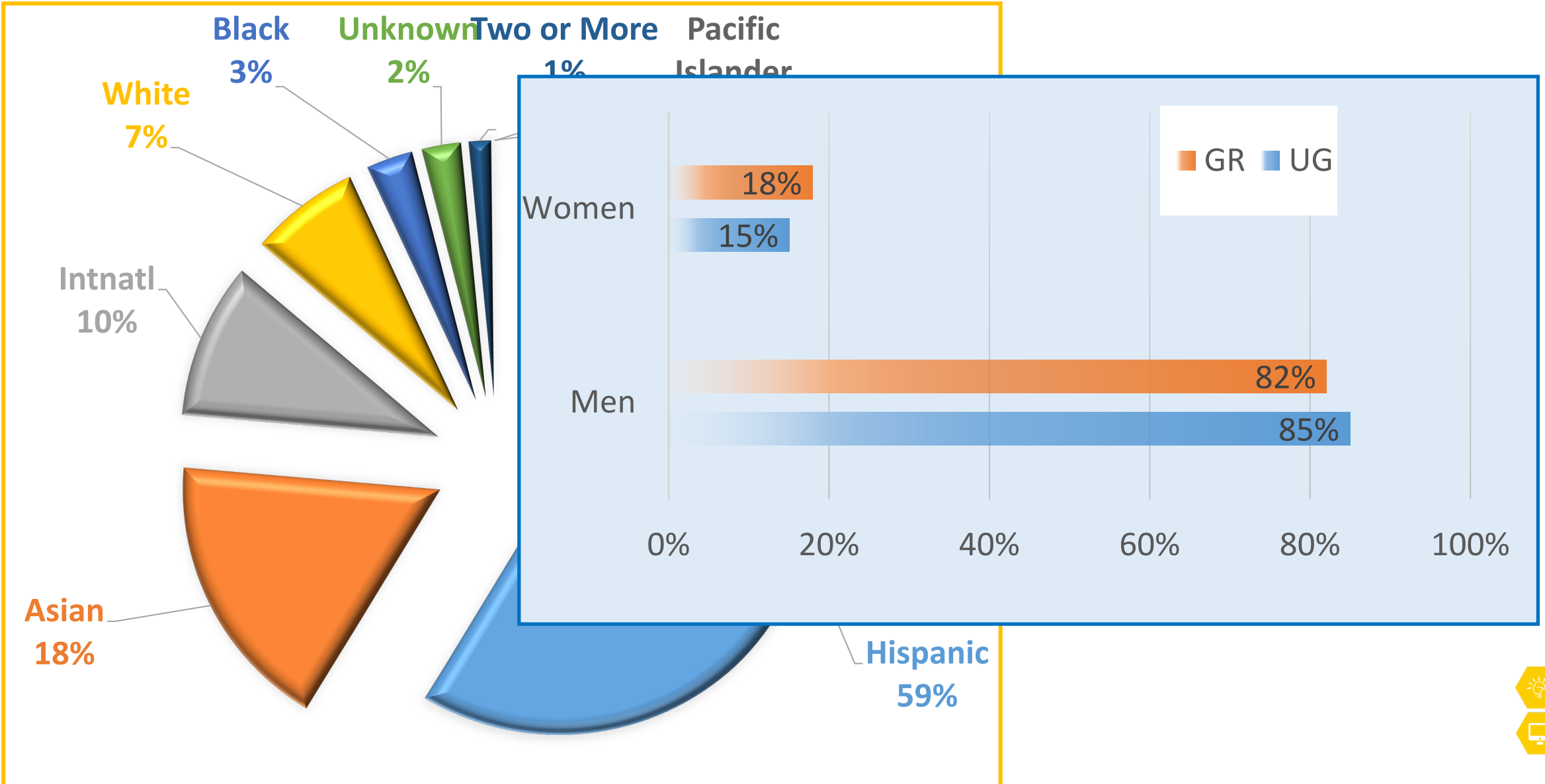
LaunchPad
COLLEGE of ECST



**Thank You ASI
For Supporting
LAunchPad!**

*Thelma Federico Zaragoza
ECST Outreach, Director
LAunchPad Coordinator*

ECST Student Profile



Program Objectives

- Learn how people work together using different engineering and computing tools, **to make the world a better place.**
- Engage with faculty and industry professionals in the engineering and computing fields.
- Learn about Civil Engineering, Mechanical Engineering, Electrical Engineering, and Computer Science



LAUNCHPAD Student Facilitators



Joselyn Sosa
Benavides



Eyleen Sanchez



Carolina Gonzalez



Viviana Gallardo-Cardiel



Veronica Sifuentes



Student Facilitators Roles and Expectations

- Create Content for student activities prior to start of program
- Create and moderate daily program
- Guidebook
- Daily Attendance
- Monitor Q/A format on Zoom – no inappropriate messages allowed
- Timing!
- Daily moderators
- Keep students engaged during faculty and industry professional presentations
- Team Leads for Futurathon Activity
- Representation of females in ESCT!



Leadership Development

- The ECST student facilitators work directly with faculty with developing and facilitating curriculum that reinforces engineering and computer science concepts.
- Serve as leaders to majority of students who identify as female to develop or strengthen their interest in pursuing these fields of study.
- Learn collaborating and working as a team to develop program content
- Moderate sessions and lead daily discussions, they are the face of LAUNCHPAD
- A LAUNCHPAD student facilitator stated ***“LAUNCHPAD showed me how important it is to inspire students to believe in themselves and what they’re capable of. In the process, the students reminded me of how passion, curiosity, and dreaming the impossible are what make anything possible. In them, I saw how far I’ve come, and was motivated to continue to push towards seeing how far I’ll go.”***



Working Budget

| | | |
|-----------------------------|-----------|---------------|
| Expenses: | | |
| faculty salary | \$ | 35,575 |
| Faculty Benefits | \$ | 5,200 |
| Student Salary | \$ | 8,960 |
| Students Benefits | \$ | 1,165 |
| Personnel Total: | \$ | 50,900 |
| | | |
| Matls & supplies | \$ | 1,968 |
| Hospitality | \$ | 11,630 |
| Transportation | \$ | 1,322 |
| T-Shirts | \$ | 695 |
| Total non-Personnel: | \$ | 15,615 |
| | | |
| Total: | \$ | 66,515 |



LaunchPad Sponsors:

Mathematics, Engineering, Science Achievement (MESA)

Weingart Foundation

Aerojet Rocketdyne

Jorge Ramirez and Catherine McAfee-Ramirez

Los Angeles Water and Power

Boeing



Student Facilitator Funding Request

Budget Narrative

Student Facilitators

Salary:

\$16.00 per hour X 50 hours per student + \$800

Benefits:

\$800 X 15% + \$120

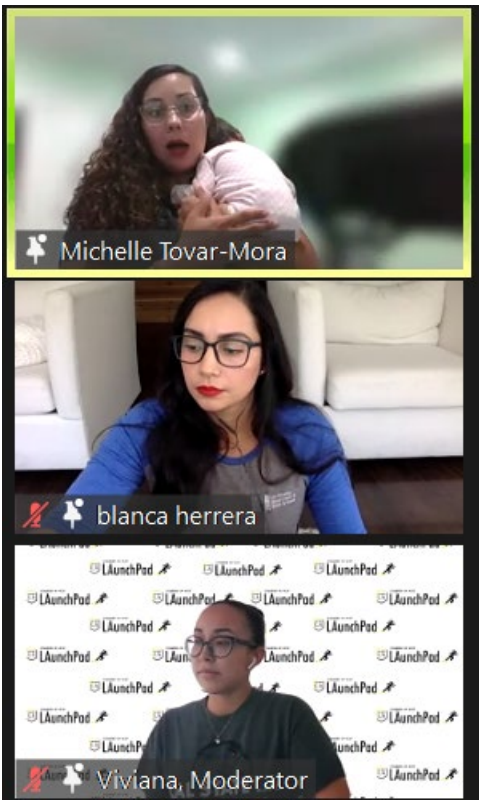
Total Salary + Benefits = \$920

Five total student facilitators = \$4,600

Total= \$4,600



LAunchPad Alumni



Viviana Gallardo
Spring 2022



LAunchPad



Adriana Aldana

NORTHROP GRUMMAN



Julianna Hernandez



MESA Student Leadership Conference
Eyleen, Veronica, & Carolina

Why LAUNCHPAD

For students:

- Gain direct experience in cool areas in engineering and computer science.
- Explore possible career options
- Connect to faculty and peer mentors
- Have fun and make new friends!

For broader community:

- A wonderful opportunity to engage and serve our local communities
- Broaden the participation in engineering, computing and technology areas.

Study revealed that after participating in LAUNCHPAD, the student's interest in pursuing an engineering or computer science career increased by 29%.



- Questions?

