

# WELCOME!



[goo.gl/XBfyLX](https://goo.gl/XBfyLX)





# PIONEERS IN ENGINEERING

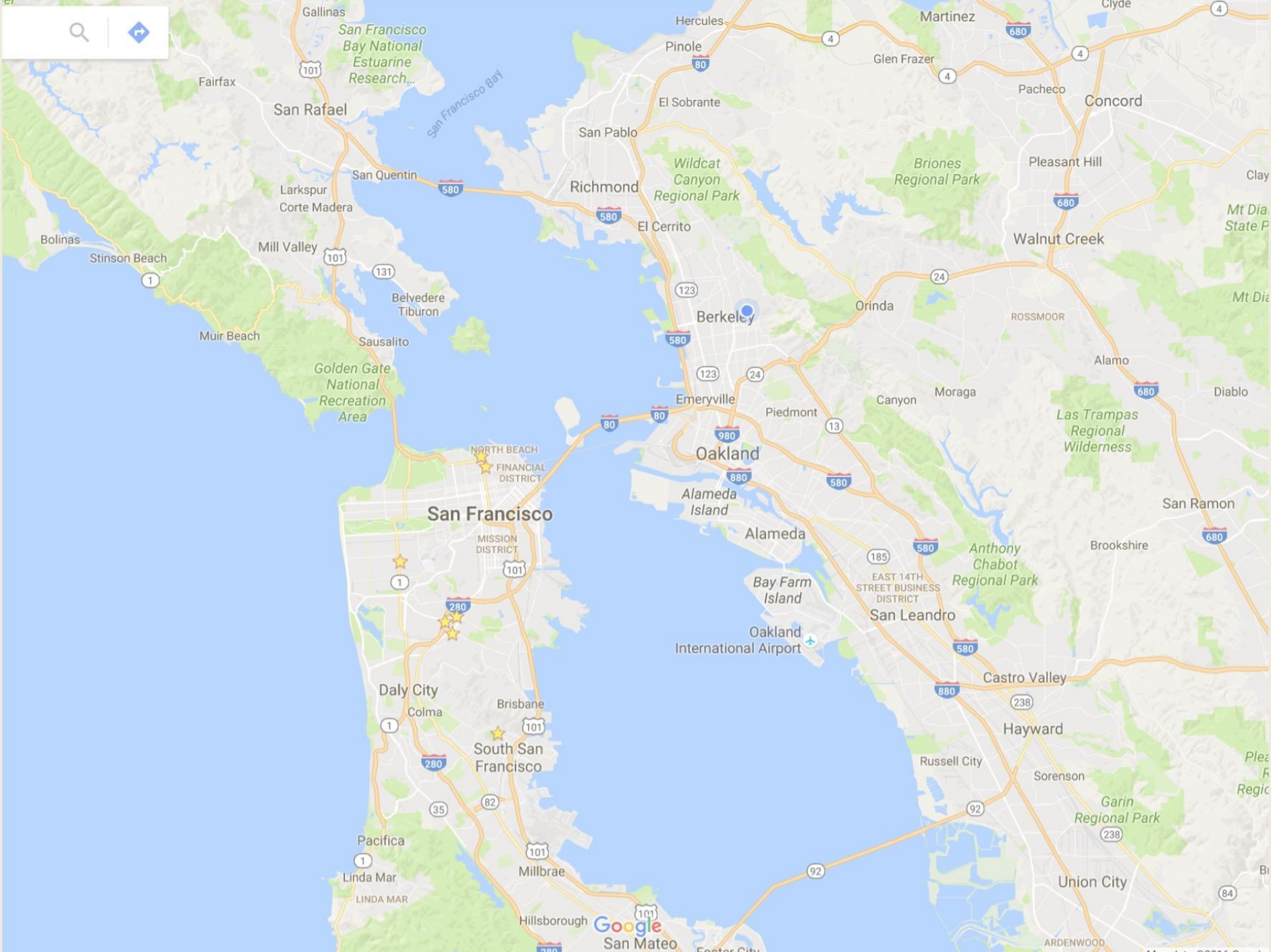
BRINGING STEM EDUCATION  
TO THE BAY AREA

Infosession 2016

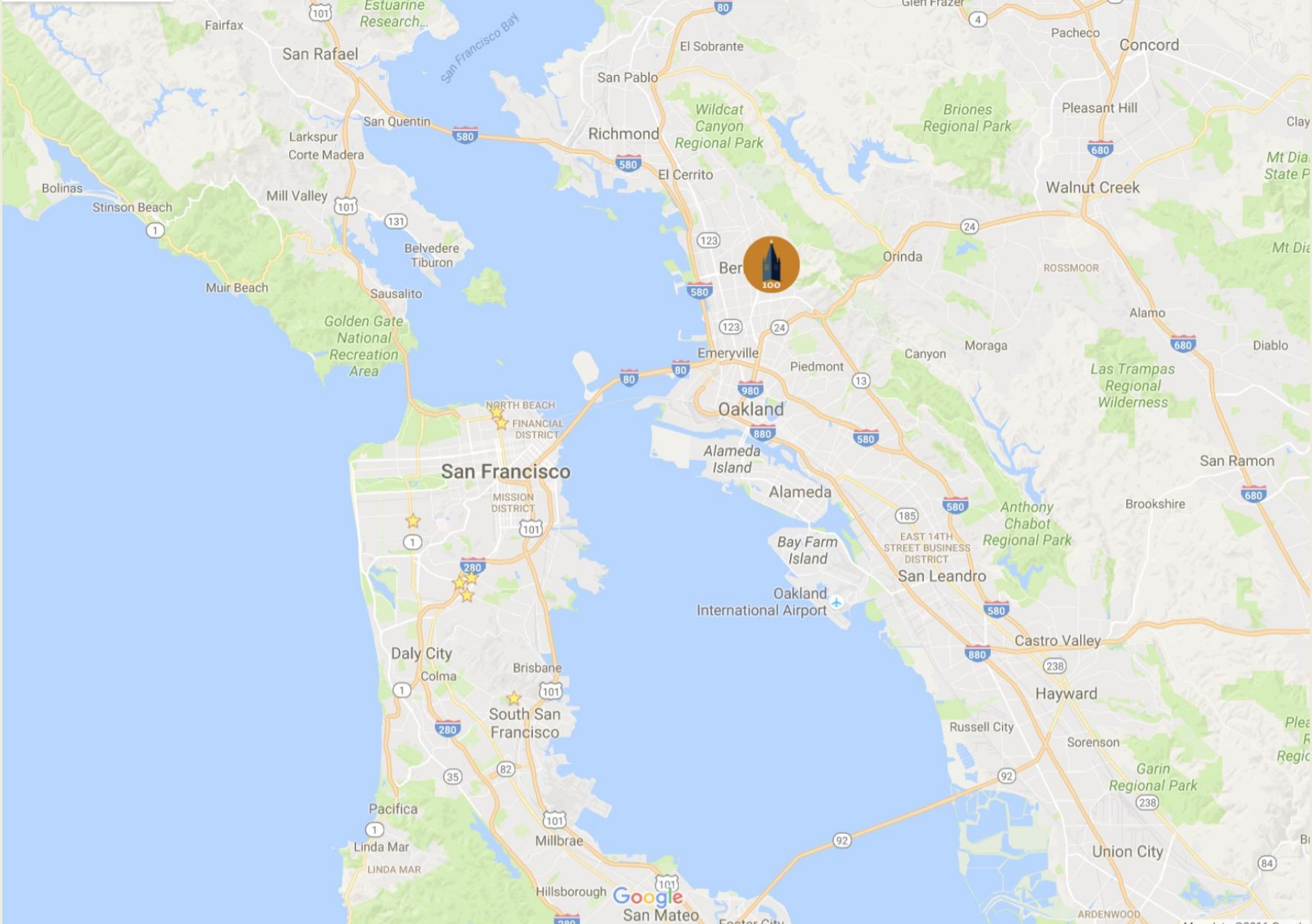
WHAT WILL YOUR IMPACT BE?

# AGENDA

- ❖ General Overview
- ❖ Robotics Competition
  - ❖ Spring RC
  - ❖ Fall RC
- ❖ What PiE Staff Do
  - ❖ Engineering
  - ❖ Programs
  - ❖ Outreach
  - ❖ Operations
- ❖ What You Can Do







1.

The #1 public university in the world is next to some of the most underserved public school students in the nation.

2.

For students in these underserved communities, it is difficult to pursue higher education, especially in science and engineering.



# WHAT WE DO

PiE exists at the intersection between engineering and outreach.

We build cool products and programs to inspire students toward higher education in STEM.



# ROBOTICS COMPETITION

360

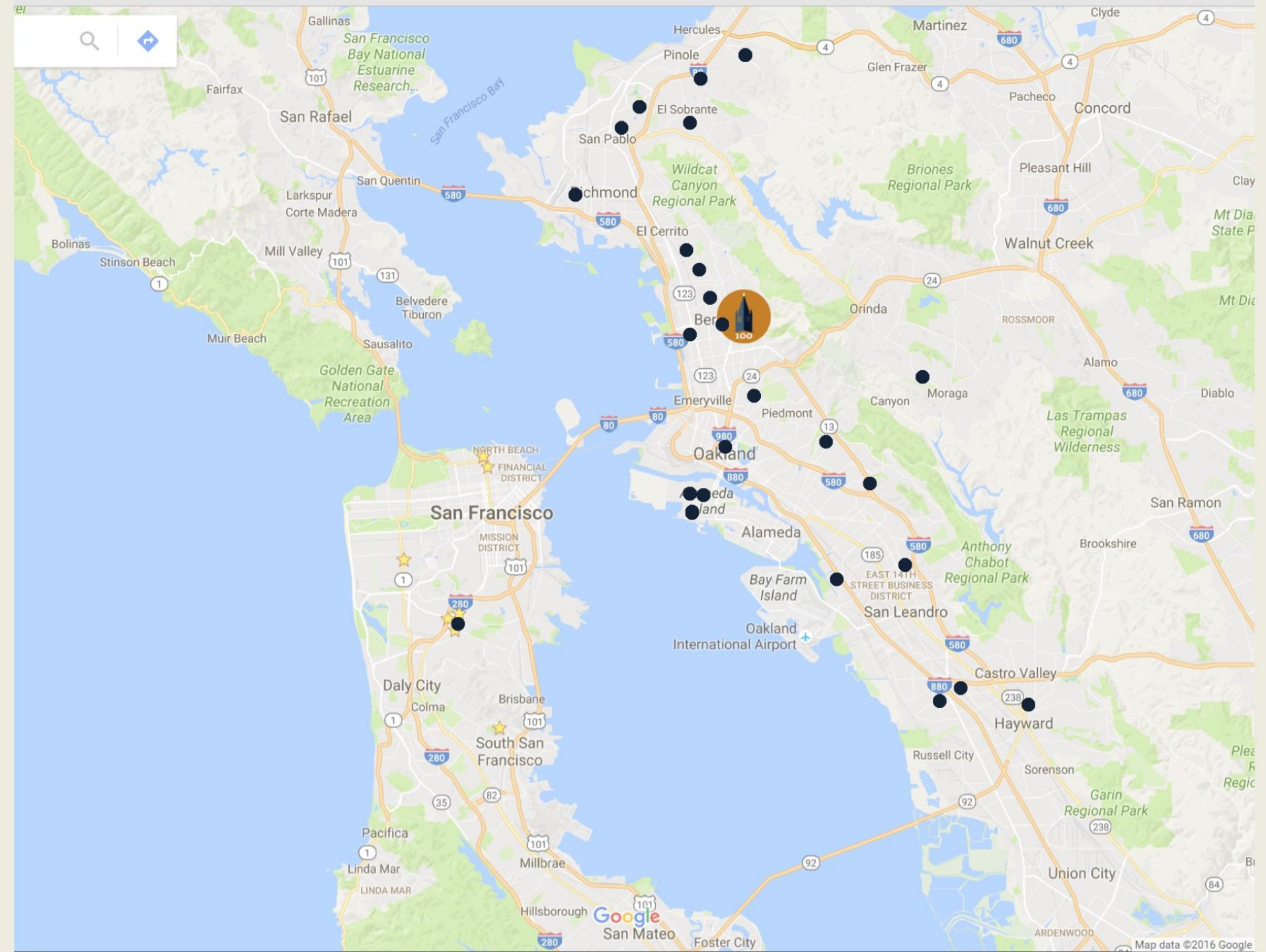
high school  
student  
participants

26

local high  
schools  
represented

100

UC Berkeley  
students  
involved





# ROBOTICS COMPETITION

360

high school  
student  
participants

26

local high  
schools  
represented

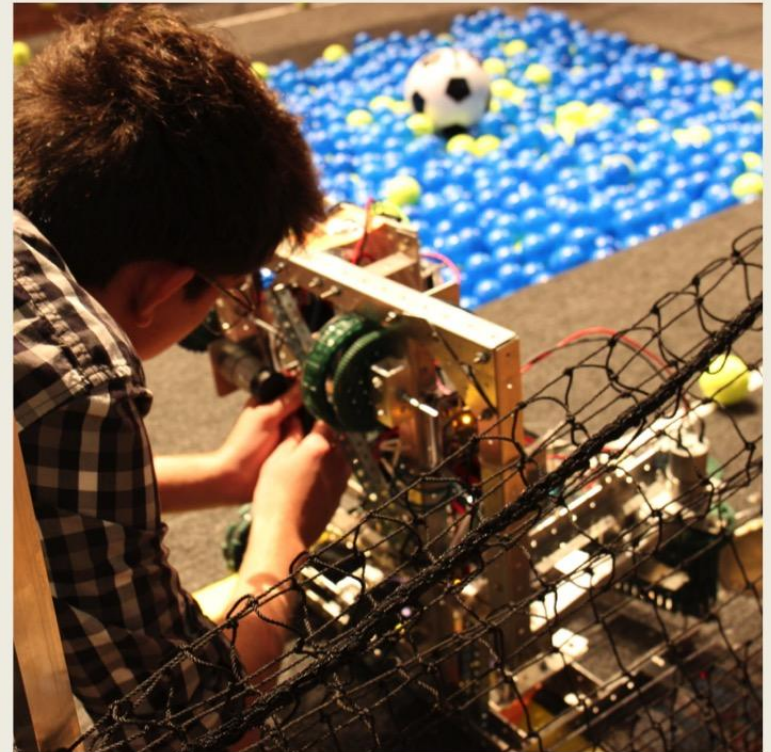
100

UC Berkeley  
students  
involved



# STIMULATING

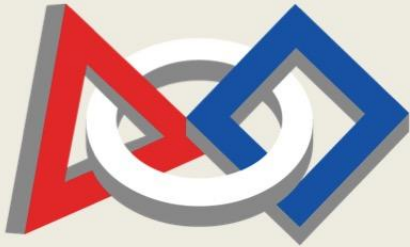
Challenge, competition, and creativity develop crucial skills.





# ACCESSIBILITY

## COST TO TEAMS



\$7K - \$60K

## MENTORSHIP

Really good,  
nonexistent, or  
overinvolved



\$100

1-3 UC Berkeley  
mentors

Professor & industry  
design reviews

# FUN



# WHAT PiE STAFF DO

PiE staff work on over 25 different projects.

Website  
Development

Components  
Sourcing

Finance

Student  
Workshops

Yogi Bear

... and more!

# WHAT PiE STAFF DO

PiE staff work on over 25 different projects.

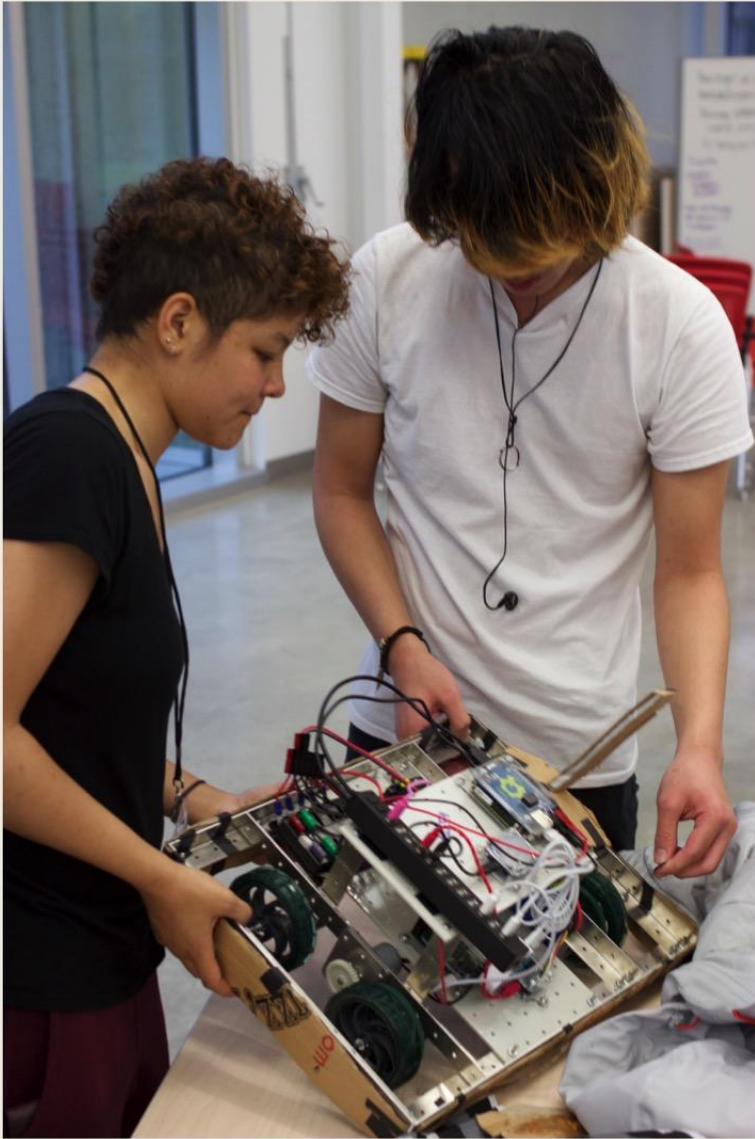
Engineering

Programs

Outreach

Operations





# ENGINEERING

Mechanical

Electrical

Software



# PROGRAMS

Game  
Design

Events

Schools





# OUTREACH

## Mentorship

## Workshops

## Metrics

# OPERATIONS

Business

Web  
Applications

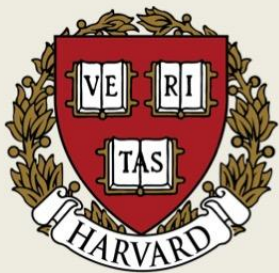
Staff





# FUN





Google

VECNA®  
Better Technology. Better World.



amazon



Microsoft

Cal

Adobe

LinkedIn



BOEING

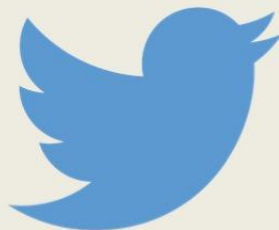


LEAP  
MOTION

LAB126



QUALCOMM®



JPL

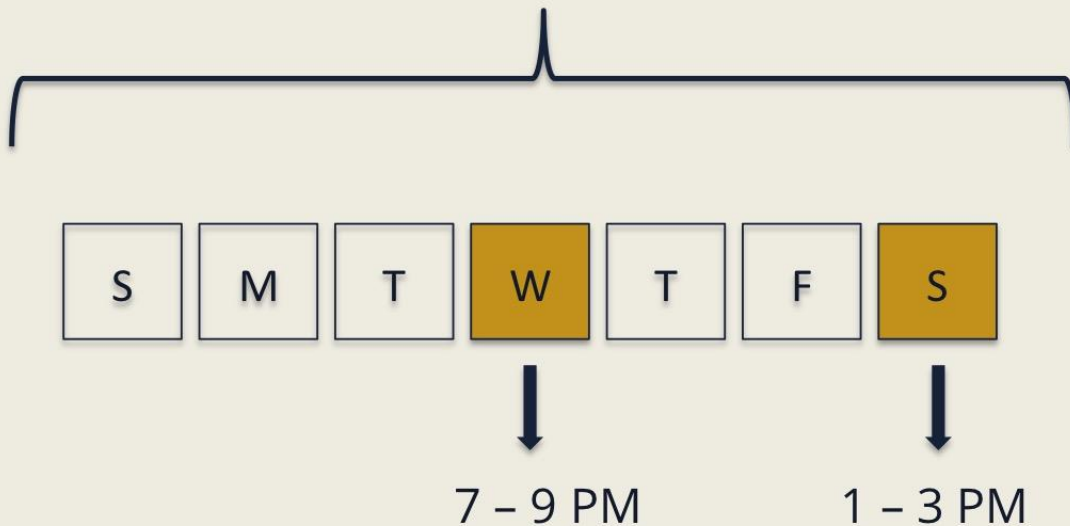
Jet Propulsion Laboratory





# WHAT YOU CAN DO

4 – 6 hours on a regular week + Special Events



- ❖ Workshops
- ❖ Outreach Events
- ❖ Competition Events
- ❖ Partnerships
- ❖ Tabling



WHAT WILL YOUR IMPACT BE?