



# ANNUAL REPORT 2018 - 2020

# TABLE OF CONTENTS



## 01

[Letter from the Assistant Vice President](#)



## 02

[AI Mission & Vision](#)

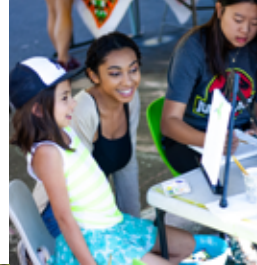


## 03

[AI Strategic Initiatives](#)

## 04

[Overview of AI Offices & Programs](#)



## 05

[Learn Through Discovery Initiative](#)



## 06

[LTD Highlights](#)



## 10

[Wall of Fame](#)

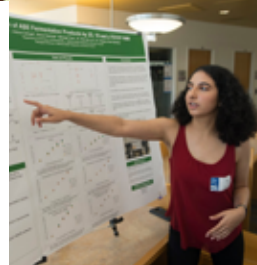


## 11

[Kellogg Honors College](#)

## 13

[Center for Community Engagement](#)



## 15

[Office of Undergraduate Research](#)



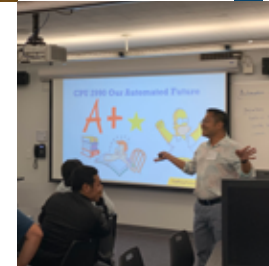
## 17

[Student Innovation Idea Labs](#)



## 19

[CPP NSF I-Corps](#)



## 21

[Inaugural Pop-up Course](#)



*A Culture of  
Innovation  
in Teaching  
& Learning*

## Letter from the Assistant Vice President

Dear friends of AI,

Welcome to the inaugural Annual Report of the Office of Academic Innovation (AI). AI was founded in August 2018 to foster a culture of innovation in teaching and learning and to institutionalize the Learn Through Discovery (LTD) Initiative which aims to provide every Cal Poly Pomona student a signature polytechnic experience (PolyX) and enable them to articulate the experience. We have had two consecutive successful years which would not have been possible without your support. We thank all the faculty, students, staff, and external partners who have collaborated with us to ensure the successful launch of AI.

AI has done a lot in a short period of time. The following pages will tell the story of our accomplishments. An important part of our story is that we were made up of units which had previously not worked together. We have gone from being individual separate units to becoming the AI team which consists of the Center for Community Engagement, Kellogg Honors College, Student Innovation Idea Lab, Office of Undergraduate Research, and CPP NSF I-Corps Program. We continue to build and strengthen our team through bi-annual AI retreats, AI happy hours, and AI team building activities. The success of AI lies in the strength of its team.

In our first year we launched the Projects Hatchery as an example of a PolyX to support students from every major through the project design and implementation processes and also provide them funding to successfully launch their projects for the betterment of an identified community. Also, in our first year the LTD Task Force was constituted to inventory existing curricular and co-curricular PolyX. The Task Force defined PolyX and developed a process for submitting and evaluating PolyX. The Steering Committee was constituted of academic leaders to guide the implementation of the LTD initiative. We also launched the faculty/staff summer institutes which provide professional development opportunities around innovative curricula and faculty/staff sandboxes which provide opportunities for multidisciplinary collaboration.

Our second year saw the expansion of the Projects Hatchery, the addition of faculty/staff winter institutes, the implementation of a pilot program to incorporate PolyX into First Year Experience courses, and the launch of the inaugural multidisciplinary pop-up course, our automated future. Our second year also saw the advent of a global pandemic, Cal Poly Pomona going virtual during the spring 2020 semester and the delivery of AI programs virtually including a successful 2020 virtual faculty/summer institute. Year two also saw AI becoming part of the Office of Student Success, Equity, and Innovation and the growth of the AI team to include the Office of Undergraduate Research.

We thank you for your continued support and look forward to being an integral part of Cal Poly Pomona's aspiration to be the epicenter of creativity, innovation, and discovery!

*Olukemi Sawyerr*

Olukemi Sawyerr, Ph.D. | AVP Academic Innovation



## Mission

The Office of Academic Innovation (AI) cultivates student success by fostering a culture of innovation in teaching and experiential learning; advancing and promoting a vision of innovative education; and collaborating with faculty, staff, and students to cultivate innovative curricular and co-curricular strategies aimed at nurturing life-long learning in the Cal Poly Pomona community.

## Vision

By the year 2025 the office of Academic Innovation (AI) at Cal Poly Pomona will be the catalyst for developing innovative and transformative educational experiences that prepare students for the future of work and human and civic engagement.

**Olukemi Sawyerr**  
Asst. VP Academic Innovation



**Erica Olguin**  
Analyst, Academic Innovation



**Micayla Anderson**  
Communication Specialist



**Cynthia Aguilar**  
Web Developer



**Sinan Cakir**  
Student Assistant



**Judy Nguyen**  
Student Assistant



# AI Strategic Initiatives

Institutionalize the Learn Through Discovery (LTD) Initiative which aims to provide EVERY Cal Poly Pomona student at least one signature polytechnic experience (PolyX) and enable them to articulate that experience.

Create awareness/structure for LTD

Develop PolyX Inventory

Develop a PolyX badging system

Create PolyX pathways for students

Expand the LTD Projects Hatchery

Provide professional development for faculty/staff

Develop robust AI marketing plan

Provide strategic leadership, oversight and guidance to CCE, KHC, SIIL and OUR; support the formulation and implementation of CCE, KHC, SIIL and OUR's strategic goals/priorities as well as their program evaluation and assessment plans; and build a strong, high functioning, highly collaborative team culture across all AI units.

Bi-annual reviews of strategic goals

Annual reviews of program/assessment

Provide professional development for AI team

Create data-driven decision culture

Create collaborative culture

Bi-annual AI retreats and team building

Create infrastructure to support faculty in developing and launching innovative curricular.

Collaborate to create innovative curricula

Support faculty/staff to obtain funding

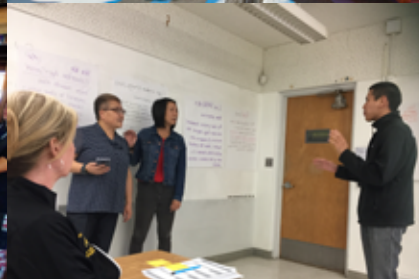
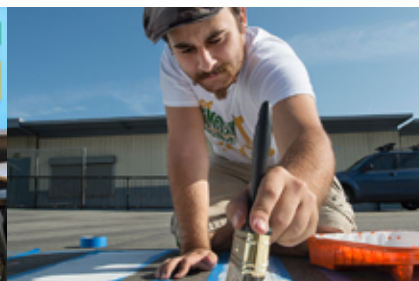




# AI OFFICES AND PROGRAMS



OVERVIEW OF AI OFFICES AND PROGRAMS





**Olukemi Sawyerr**  
Asst. VP Academic Innovation



**Winnie Dong**  
Faculty Director, LTD Initiative



**Ericka Olguin**  
Analyst, Academic Innovation



## About Learn Through Discovery (LTD)

The Learn Through Discovery Initiative at Cal Poly Pomona ensures that all students will have at least one Signature Polytechnic Experience (PolyX) before they graduate, and be able to articulate that experience. LTD also engages faculty and staff through institutes and sandboxes that promote multidisciplinary collaboration.

**Karina Gigliotti**  
Program Coordinator



**Jeremy Jurgens**  
CSU Stem Vista



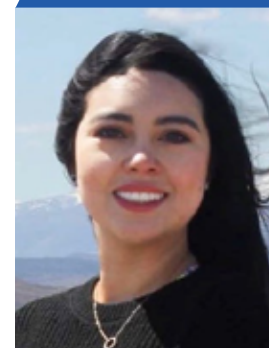
**Cynthia Aguilar**  
Web Developer



**Micayla Anderson**  
Communication Specialist



**Alondra Bribiesca**  
Student Assistant



**Shae Lender**  
Student Assistant



# LTD Highlights I

## LTD Projects Hatchery

The LTD Projects Hatchery is a PolyX that focuses on helping students discover their passion and create their impact. In the Hatchery, students will turn meaningful and innovative ideas into fully realized projects. The Hatchery team will guide students through every phase of development, from conception to implementation to completion.

### 2019-2020 AY Project Examples

#### Team Food Justice

We aim to examine how the Pomona Valley Certified Farmer's Market contributes to the development of socioecological community and addresses food access and insecurity in the City of Pomona.

#### Team Veteran's Nutrition

The goal of our study is to determine whether nutrition education and using motivational interviewing can improve nutritional intake and body compositions within a student veteran community.

#### Team Super eMoto

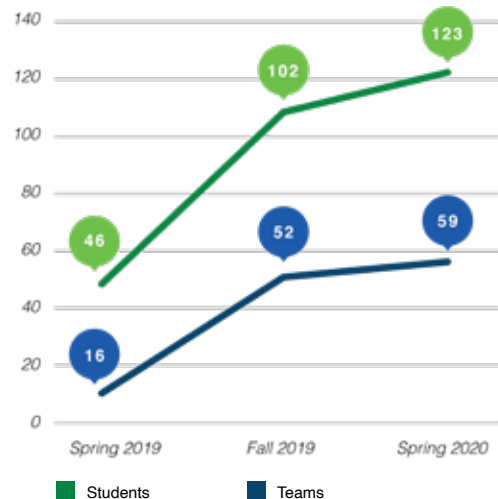
Our project is developing a user-friendly kit that can convert a gas-powered dirtbike to an electric one.

#### Team Trichomonas Lab

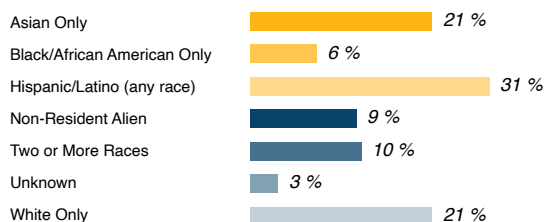
Our project uses CRISPR gene-editing to study how immune-cells kill the sexually-transmitted parasite *Trichomonas vaginalis*



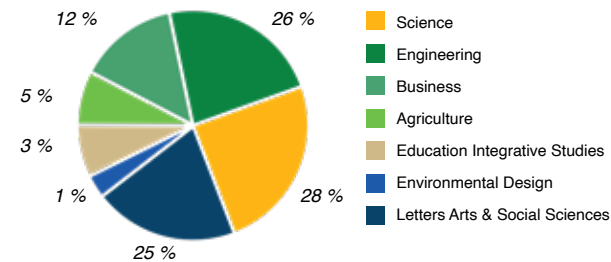
#### Growth Trends



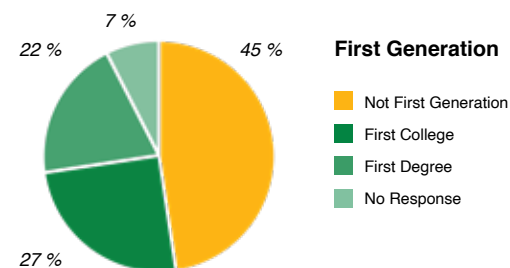
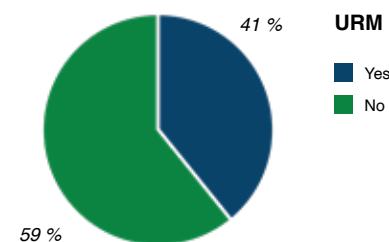
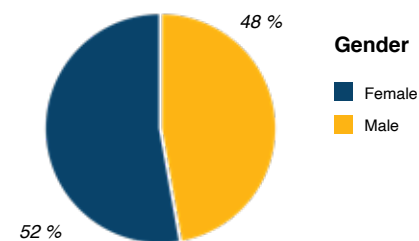
#### Ethnicity



#### Percentage of students per college



#### Student Demographics







*“I think doing the LTD FYE challenge was a worthwhile experience because it taught me how to present a research proposal without getting too nervous”*

- Cesar A. Valdovinos, LTD FYE Challenge Participant

### LTD FYE Challenge

LTD encourages all first-year students to engage in a PolyX based on the FYE Common Read. Students who participate in the LTD FYE Challenge read the book and develop innovative solutions to an opportunity or problem in the book that they can launch in an impacted community.



#### Fall 2018 Challenge

**Date** 11.03.2018

**Book** *So You've Been Publicly Shamed* by Jon Ronson

**Number of Participants** 10 (3 Teams)

**Winning Team** #SHHHAME:  
A Campaign to End Public Shaming

**Judges** Kenneth Lamb and Jessica Perez

#### Fall 2019 Challenge

**Date** 11.15.2019

**Book** *Becoming* by Michelle Obama

**Number of Participants** 14 (3 Teams)

**Winning Team** Fistbump:  
The App That Gives Students Hope

**Judges** Bryant Fairly, Kenneth Lamb, and Shirli Driz

## LTD Highlights | LTD FYE Challenge & PolyX



### Signature Polytechnic Experiences (PolyX)

Signature polytechnic experiences (PolyX) at Cal Poly Pomona promote students' discovery of the opportunities and challenges within the field and the development of creative and innovative solutions to those conditions. Through collaborative learning and intense mentoring, PolyX engages students beyond the classroom and prepares them for professional and civic success.

*“The Hatchery allowed us to work on our project in a way that would not have been possible before, through providing campus resources, connections, and financial support.”*

- Marmar Tavsol, Student, Hatchery Team “Cut the Bias”



### PolyX Inventory

- HRT3830 - Food & Beverage Operations **Jason Y. Zhang**
- Learn Through Discovery Projects Hatchery **Winnie Dong & Jeremy Jurgens**
- Market Analysis in the Lodging Industry **Linchi Kwok**
- National Model United Nation (NMUN) **Marc Scarcelli**
- New Food Product Development (FST 4290L) **Gabriel Davidov-Pardo**
- PolyPet Spa Day and Vaccine Clinic **Joanne Sohn**
- Professional Work Experience Course **Ann Lara**
- The Poly Post (news lab) **Jason Turcotte**

### Summer Institute 2018

**Date** 6.12.2018 - 6.14.2018  
**Topic** Design Thinking  
**Number of Participants** 25  
**Facilitators** AJ Juliani

*“ The LTD institutes provide a great learning environment where instructors from different disciplines can meet and exchange ideas.”*

*- Joanne Sohn, Associate Professor,  
Program Director, Animal Health Science*

### Summer Institute 2019

**Date** 8.13.2019 - 8.15.2019  
**Topic** The Innovative Classroom: Beyond the 4 Walls  
**Number of Participants** 28  
**Facilitators** Marisol Morales and Elaine Ikeda

## LTD Highlights | LTD Faculty / Staff Institutes

The winter and summer institutes provide faculty and staff with professional development opportunities.

### Winter Institute 2020

**Date** 1.14.2020 - 1.16.2020  
**Topic** Reinventing the First Year Experience 1.0  
**Number of Participants** 14

### Summer Institute 2020

**Date** 6.02.2020 - 6.05.2020  
**Topic** Reinventing the First Year Experience 2.0  
**Number of Participants** 52  
**Facilitators** Kristin Wobbe and Caitlyn Keller

*“ I was truly impressed how these new First Year Experience (FYE) students did research in their first year at CPP.”*

*- Ben Dewald, Professor, Collins College*



### Fall Sandbox 2019

**Date** 9.10.2019  
**Topic** Proactive Procrastination  
**Number of Participants** 32  
**Location** Maker Studio/Library

*“The interaction and energy during the LTD Sandbox events was contagious. I met new faculty and staff each time I attended and left with new knowledge.”*  
- Michelle Lyn Elrod, Director, EODA



### Spring Sandbox 2020

**Date** 02.27.2020  
**Topic** Research Collaboration  
**Number of Participants** 32  
**Location** Collins College/ HRT

## LTD Highlights | LTD Sandboxes

Sandboxes are opportunities for faculty and staff to network on campus. Different themes and locations are chosen to encourage multidisciplinary collaboration.



### Spring Sandbox 2020

**Date** 04.09.2020  
**Topic** Virtual Research Mentoring 1  
**Number of Participants** 9  
**Location** Online

*“ LTD Sandboxes are the only planned opportunity on campus for networking between administrators, staff and faculty. Through this experience I have met many people that I would have otherwise not known worked at CPP.”*

- Seema Shah-Fairbank, Associate Professor, Civil Engineering



### Spring Sandbox 2020

**Date** 04.27.2020  
**Topic** Virtual Research Mentoring 2  
**Number of Participants** 16  
**Location** Online



# Wall of Fame

## LTD Steering Committee

- Sep Eskandari
- Laura Massa
- Terri Gomez
- Alison Baski
- Olukemi Sawyerr
- Winnie Dong
- Aaron DeRosa
- Sarah Meyer
- Gina Johnson
- Tari Hunter

## LTD Task Force

- Joanne Sohn
- Olukemi Sawyerr
- Winnie Dong
- Kenneth Lamb
- Nina Abramzon
- Hyounae Min
- Barry Lehrman
- Christine Ortega
- Julie Chen
- Shonn Haren
- Jason Lu
- Teresa Lloro-Bidart
- Michael Millar

## Hatchery Mentors

- Jill Adler-Moore
- Kevin Anderson
- Steve Archambault
- Kevin Autry
- Zeynep Aytug
- Elke Azpeitia
- Robert Blumenfeld
- Scott Boskovich
- Carlos Castro
- Eduardo Corpuz
- Amy Dao
- Adrian Gonzalez
- Mehrdad Haghi
- Hyung Chul Han
- Analena Hassberg
- Kyung In Huh
- Mariappan Jawaharlal
- Juanita Jellyman
- Jae Min Jung
- Seth Ketron
- Mehrdad Koohikamali
- Trayan Kushev
- Ann Loomis
- Alex Madva
- Frances Mercer
- Sean Monemi
- Sergio Maldonado
- Norali Pernalete
- Jascha Polet
- Peter Ross
- Ertan Salik
- Zahra Sotoudeh
- Kiem Tsong
- Nolan Tsuchiya
- Rosa Vasconez Jimenez
- Edmond Wu
- Farbod Khoshnoud
- Randy Stein
- Stephen Osborn
- Andrea Bonisoli-Alquati

## Institute Planning Group

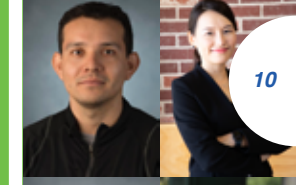
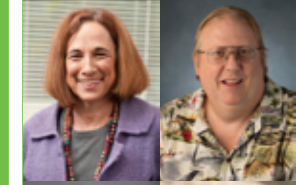
- Preeti Wadhwa
- Joanne Sohn
- Nina Abramzon
- Dora Lee
- Olukemi Sawyerr
- Winnie Dong
- Ericka Olguin
- Micayla Anderson

## Sandbox Planning Group

- Victoria Bhavsar
- Kenneth Lamb
- Seema Shah-Fairbank
- Olukemi Sawyerr
- Winnie Dong
- Michelle Elrod
- Ericka Olguin
- Micayla Anderson

*"I am so fortunate to be a part of the LTD initiative which not only aims to ensure that all CPP students engage in a PolyX (signature polytechnic experience), but also creates opportunities to showcase and celebrate these learn by doing experiences and accomplishments of our students."*

*-Preeti Wadhwa, Associate Professor, Management & Human Resources Department*



WALL OF FAME



*“The KHC continues to be the strong academic community where students strive for excellence in a supportive and nurturing environment.”*

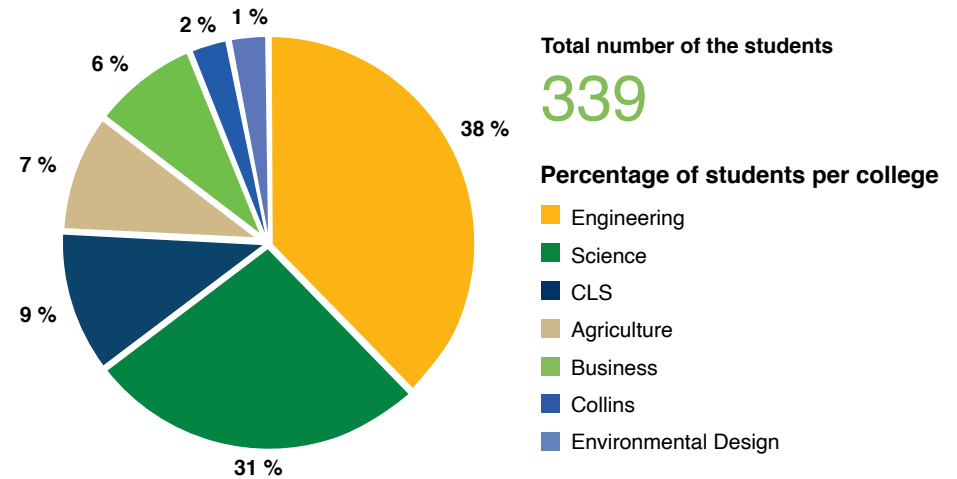
- Suketu Bhavsar, Director, Kellogg Honors College

## Mission

The Kellogg Honors College cultivates students' many forms of talent in an academically enriching environment within an inclusive and nurturing community. We motivate and prepare intellectually curious, civically engaged, lifelong learners.

## Vision

We will be a college that fosters an environment, community, and foundation where personal growth, self-awareness, and professional confidence are coupled with academic excellence, innovation, and career readiness to prepare self-aware, civically engaged, visionary, global citizens.



**Suketu Bhavsar**  
Director

**Claudia Garcia-Des Lauriers**  
Interim Director

**Sandra Harper**  
Administrative Coordinator

**Won Choi**  
Academic Coordinator





7th annual  
**2019 Freshmen Retreat**



08.17 - 08.19 Pali Retreat 34 students

5th annual  
**2019 Sophomore Retreat**



08.11 - 08.14 Yosemite 19 students

2020  
**Honors Convocation**

Due to the COVID-19 pandemic, the in-person Honors Convocation in May 2020 was cancelled. However, the KHC still prepared a video celebration of the achievements of their graduating seniors. [Watch here.](#)

2020  
**Capstone Symposium**

The Capstone Symposium was also held virtually in May 2020. Graduating KHC student submitted pdf posters and video presentations for their Capstone projects. [View Posters & Videos.](#)

KHC HIGHLIGHTS

12



**Showcase of Excellence**

After a one-year hiatus, the Showcase of Excellence returned! The KHC invited a group of high school seniors from the top 15% of applicants to come to campus with their families and learn more about CPP, along with encouraging them to apply for the KHC.



**CPU 2990H**

This 7th annual course for new KHC freshmen was co-taught by Suketu Bhavsar and Won Choi. Course topics included: FYE common read, time management, study skills, research, scholarships, alumni speakers, study abroad, and grad school prep.



**Civic Engagement (CE) Events**

- 2019 - 2020
- Volunteering in City of Pomona
  - Feeding the homeless
  - Elementary school gardening
  - Community outreach events



45 community service opportunities



“ The CCE inspires students to “learn by doing good” through encouraging students to embrace the opportunity to learn and explore solutions, and empowering students to make an impact.”

- Bryant Fairley, Director, Center for Community Engagement

## Mission

The Center for Community Engagement (CCE) strives to enhance learning, encourage career exploration, inspire civic engagement and empower students with meaningful community engaged learning experiences that have a positive impact on our local community, region and world.

## Vision

To engage, empower, and encourage students to become civically minded graduates; reflecting the impact of an experiential education to inspire students to learn by doing good.



## Cooperative Education Testimonials



“Co-Op students not only gain valuable hands-on experience with industry professionals who can become great mentors, but they also develop professionalism, good communication, and networking skills.”

- Rafael Reyes, CPP Co-Op Student at CalFire

Bryant Fairley  
Director



Queenie Du  
Cooperative Education Coordinator



Alec John Boyle  
Internship Coordinator



## Engaged Learning Course-Based Outcomes

### Service Learning



AY 2019-2020  
Number of Service Learning Courses

100



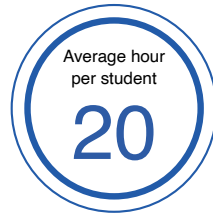
Student Participants

911



Hours

19,753



### Academic Internships



AY 2019-2020  
Number of Internship Courses

225



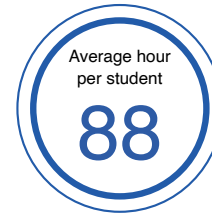
Student Participants

328



Hours

81,368



### Cooperative (Co-Op) Education



AY 2019-2020  
Number of Co-Op Courses

18



Student Participants

26



Hours

17,160



COE HIGHLIGHTS

14

### CPP KARES

CPP KARES (Kids Activities and Resources for Educational Support) is a website developed by Cal Poly Pomona students providing So Cal parents/caregivers of kids aged 0-12 with access to educational activities and resources that can assist with educating kids at home.



Website

[bit.ly/ CPP-KARES](http://bit.ly/ CPP-KARES)



Website Visits

650 +



Number of Activities

130 +

### MLK Day Beautification Project

CPP students, staff, faculty and family members joined the local community in a LA Works-hosted beautification project, in honor of Dr. Martin Luther King. Volunteers built benches, painted murals and lockers, and beautified a playground at a local LA middle school.



1000 + Total Volunteers

40 CPP Volunteers



01.20.2019



Los Angeles, CA

### Welcome Back Service Project with Habitat for Humanity

The CCE partnered with Pomona Valley Habitat for Humanity and the City of Upland to refurbish a relocated historic 1914 Craftsman home for a deserving family. CPP students, staff, and faculty kicked off the spring semester with this volunteer project.



38 CPP Volunteers



01.25.2019



Upland, CA





## Mission

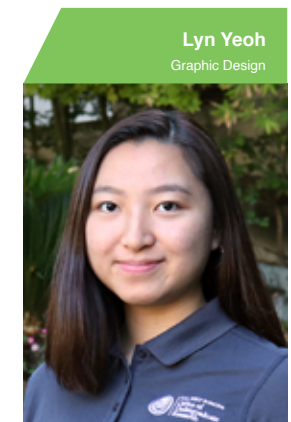
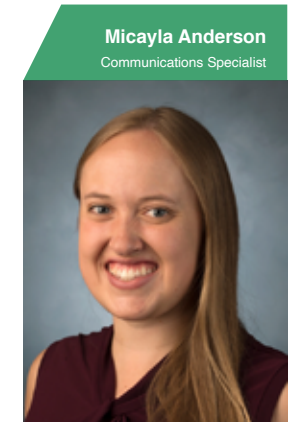
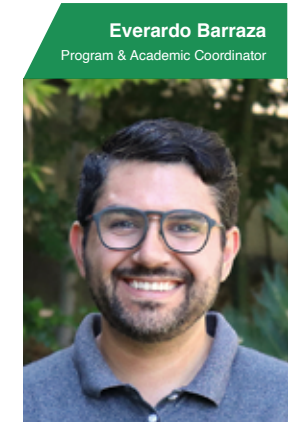
The mission of the Office of Undergraduate Research (OUR) at Cal Poly Pomona is to increase the awareness of, participation in, and opportunities for undergraduate research across the disciplines and for students who are traditionally underrepresented in research: lower-division, first-year transfer, under-represented, and first-generation students. The OUR also supports faculty members who mentor undergraduate student researchers. As an umbrella office, OUR coordinates efforts of programs that provide undergraduate research opportunities.

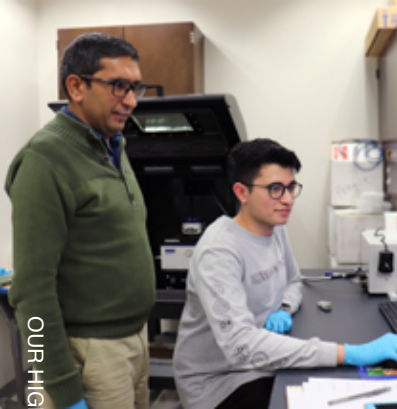
## Vision

The vision of the Office of Undergraduate Research at Cal Poly Pomona is to support a diverse culture of experiential learning, discovery, and innovation by ensuring access to research for every undergraduate student.

*“OUR programs provide both a launching point and a nurturing environment where students from all backgrounds can be successful in undergraduate research”*

- Winny Dong, Faculty Director, Office of Undergraduate Research





### Student Research, Scholarship, and Creative Activities (RSCA) Conference




563 students participated




March 2020

### Students Served by the OUR

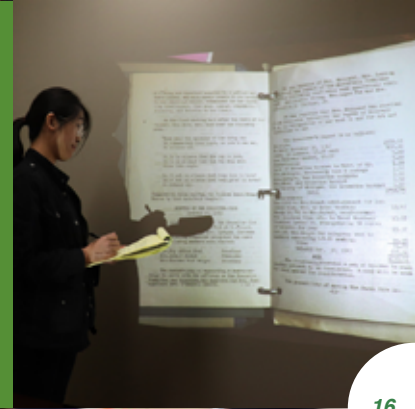
Workshops | Fellowships | Office Visits



968 unique students served



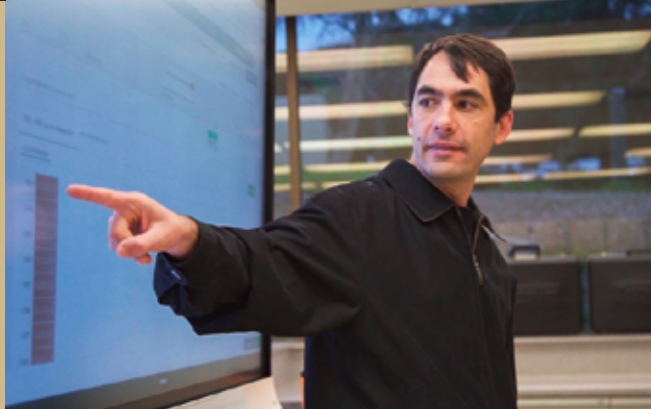
2019 - 2020



OUR HIGHLIGHTS


- 

### All OUR Programs
- Achieve Scholars Program (ASP)
  - OUR GRAD
  - Summer Undergraduate Research Experience (SURE)
  - Research Scholars Association
  - Faculty Mentor STARS
  - Student Conference Presentation Awards
  - Creative Activities & Research Symposium (CARS)
  - RSCA Conference
  - OUR research workshops




### Weekly Summer Seminars

Summer 2020



Over 110 students participated

50 participants per seminar



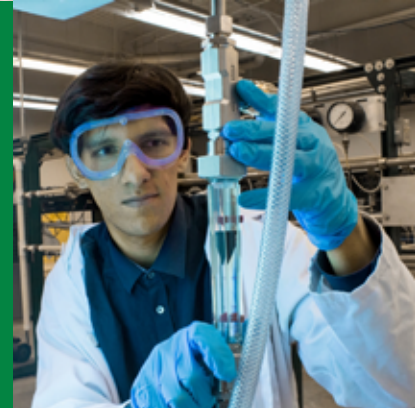
7 seminars

### Scholarship and Fellowships

Disbursed nearly **\$100,000** in scholarships and fellowships.



to students





“What we hope the Innovation Idea Labs provides to students, whether in person or virtually, is the confidence that each person can be creative and innovative regardless of your position of influence.”

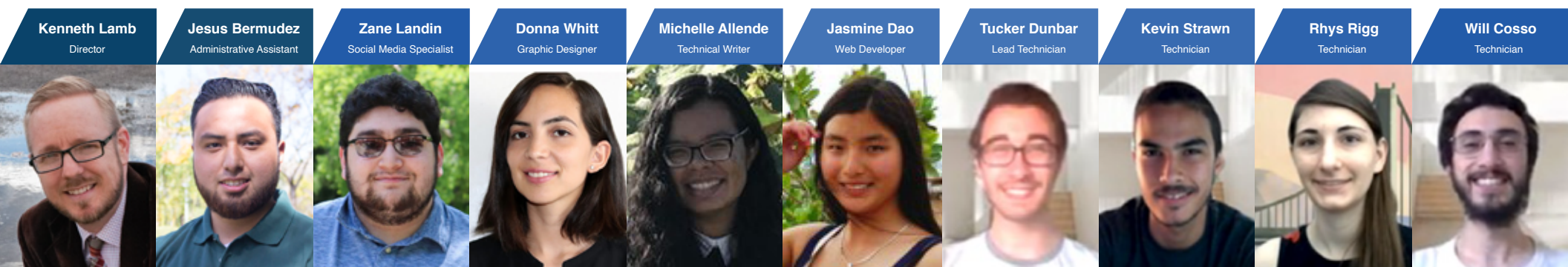
- Kenneth Lamb, Director of Student Innovation Idea Labs

## Mission

The mission of the Cal Poly Pomona Student Innovation Idea Labs (SIIL) is to create and maintain an ecosystem that fosters creativity, innovation, and entrepreneurship.

## Vision

The vision of the Student Innovation Idea Labs is to be a catalyst for innovation through the establishment of strategic partnerships with internal and external stakeholders on the Cal Poly Pomona campus and throughout the greater Pomona Valley region.





## Focus Areas for Our Strategic Plan

- Maintain maker spaces to support student innovation and creativity
- Disseminate creative and entrepreneurial knowledge
- Ensure safe and secure access to equipment
- Celebrate the innovative process in its entirety

## Event Highlights

SILL Celebration Week (March 2 – 5) celebrated 10 years of the ESTEAM class and 5 Years of the Student Innovation Idea Lab.

### The events included:

- Learning to create molds to cast chocolate
- Building the best foam airplane
- Creating custom tote bags by learning to use the vinyl cutter
- And the CPP Maker Fair and SILL-ebration event!





*“ If you’re passionate about research and dream about bringing the results to the market, then I-Corps program is for you! It’s an exciting journey from start to finish! ”*

*- Olive Li, Associate Professor, Nutrition and Food Science Department*

## About CPP NSF I-Corps

Since its inception in spring 2019, the CPP I-Corps Site program has successfully recruited and trained 34 teams through 4 cohort offerings. These teams consist of 54 students, 21 faculty members, and 5 local entrepreneurs in a total of 80 participants. Thirteen teams were granted to move forward by attending the next-step training BOOM program by Innovation Network – Los Angeles I-Corps Node (regional program management site). One team, Vistendo, has been awarded a \$250K

SBIR Phase 1 grant from the Defense Health Agency, team LV Bottle is in licensing talks with LOOP, and team Azuza Beverage won \$10K in the 2020 Big Bang Competition hosted by UC Davis for the category of Food and Agriculture sector. It has been a great experience with the 8-person teaching faculty team from multiple disciplinary fields when interacting and assisting these teams to develop and enhance their bud/seed ideas.





### Cohort 1

**Date** Spring 2019

**Number of Teams** 7

**Number of Participants** 24



### Cohort 2

**Date** Summer 2019

**Number of Teams** 9

**Number of Participants** 21



### Team Summary - Cohort 2: Azuza Beverage

Azuza Beverage is a technology startup which addresses the increasing market preference for alcohol-free adult beverage options, while offering superior quality non-alcoholic beer in contrast to today's competitors.



### Cohort 3

**Date** Fall 2019

**Number of Teams** 21

**Number of Participants** 42



### Cohort 4

**Date** Spring 2020

**Number of Teams** 8

**Number of Participants** 19



### Team Summary - Cohort 4: QUIC

The Quickly Universally Integrated Concept Cube Satellite helps academic and civil researchers who want to get their research in Low Earth Orbit by reducing the complexity and lead times while also enabling on-demand delivery for quick returns and rapid response.

# Pop-Up Course

## What is a Pop-Up Course?

Pop-up courses provide students with the opportunity to learn about important new developments in society and the latest innovations and happenings across academia that are critical to their professional success.

## Inaugural Pop-Up Course

### Fall 2019 | Our Automated Future

This pop-up course focused on automation from three different perspectives: Technology, Ethics, and Service Business

*“A pop-up course format gives faculty the flexibility to cover new developments quickly. Faculty can then innovate the curriculum and test ideas that may eventually become permanent parts of the curriculum.”*

- Olukemi Sawyerr, AVP of Academic Innovation



The Office of Academic Innovation Presents:  
**A BRAND NEW POP-UP COURSE FOR FALL 2019**

# OUR AUTOMATED FUTURE

Course: CPU 2990 • 3 Units  
 MWF (3 sections available)

- Sec 1- 9-9:50am
- Sec 2-10-10:50am
- Sec 3- 11-11:50am

LEARN ABOUT AUTOMATION FROM 3 DISCIPLINARY LENSES:

- Technological
- Ethical
- Service Business

TALK TO YOUR ADVISOR & SIGN UP ON BRONCODIRECT  
**OPEN TO ALL MAJORS!**  
 More Details: [bit.ly/ai\\_popup](http://bit.ly/ai_popup)



**Andrew Carmichael**  
Lecturer

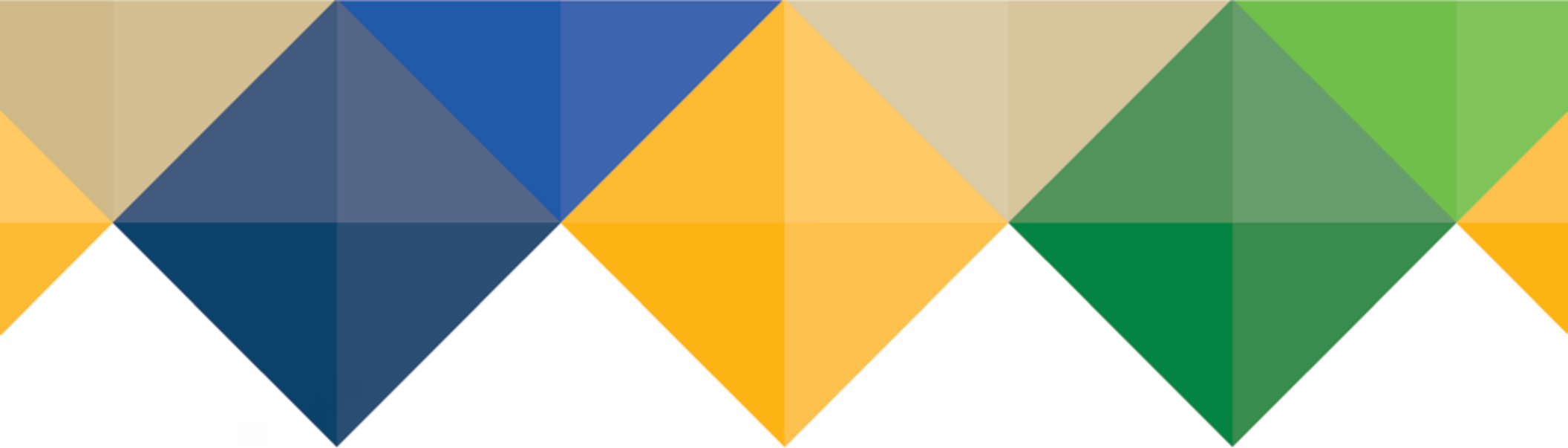


**Michael Cholbi**  
Professor



**Linchi Kwok**  
Associate Professor





DESIGNED BY VIOLA WU & MICAYLA ANDERSON

