

2019 High School Experience University Research Program Report

**UCI** Division of Continuing Education

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### Program Overview

Experience University Research High School (EUR HS) is an academic and culturally immersive program designed to help highly motivated students take advantage of a Top 10 university campus, building practical skills in a variety of subject areas and gaining invaluable experience as they prepare to apply to top undergraduate programs.

For the 2019 EUR HS program, UCI hosted a diverse group of students from the U.S., China, Japan, and Taiwan, July 14-27.





## Coursework



### Core Classes (3 hours/day)

All EUR HS students took the following core classes to sharpen their oral and written communication skills in order to become successful university students.

<u>Academic Presentation Skills</u> – Students review academic vocabulary, learn note-taking strategies, prepare oral presentations, annotate university lectures, and lead discussion groups.

<u>Research Methodology</u> – Students learn how to write a university-level research paper adhering to APA format.





### Electives (6-10 hours/week)

#### Intro to Environmental Analysis & Design

Students learn about climate change and public policy as they examine real-world case studies. *Pictured on the right, Juliana Zanotto, Ph.D. (top left) and John Whiteley, Ed.D. (top right) and EUR HS students.* 

#### Intro to Designing & Integrating IoT Devices

Students use Raspberry Pi computers to learn to code with Python and program smart IoT devices.

#### **Business Project Management**

Students learn standard procedures as they work in groups to plan research and development projects.





Students in the Engineering elective.

Division of Continuing Education Students preparing for a presentation in Business Project Management.





UC

Students showing off new commodities they plan to market in Business Project Management

Research Methodology instructor, Linda Gruen, with a student.



#### Business Project Management Calendar

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
July 14	15 Program Orientation 9:00am – 12:00pm	16 <b>Independent Study</b> 9:00am – 9:50am CE1 2060	17 <b>Independent Study</b> 9:00am – 9:50am	18 <b>Independent Study</b> 9:00am – 9:50am	19 Independent Study 9:00am – 9:50am	20 Refer to Activities Calendar (provided in
Housing Check-In	CE1 3070-80 Welcome Lunch & Campus Tour 12:00pm – 2:00pm STUDENT MIXER 2:00pm – 4:00pm CE1 2090	Research Methodology 10:00am - 10:50am CE1 2060 Academic Presentation Skills 11:00am - 11:50am CE1 2060 Business Project Management 1:00pm - 4:00pm CE1 3040	Research Methodology 10:00am – 10:50am	<b>Research Methodology</b> 10:00am — 10:50am	<b>Research Methodology</b> 10:00am — 10:50am	packet)
			Academic Presentation Skills 11:00am – 11:50am	Academic Presentation Skills 11:00am – 11:50am	Academic Presentation Skills 11:00am – 11:50am	
			Conversation Partner Meeting 1:00pm – 4:00pm	Business Project Management 1:00pm – 4:00pm CE1 3040	PRESENTATION UC Admissions 12:00pm-1:00pm CE1 2090	
					Conversation Partner Meeting 1:00pm - 4:00pm	
21	22	23	24	25	26	27
Refer to Activities	Independent Study 9:00am – 9:50am	<b>Independent Study</b> 9:00am – 9:50am	<b>Independent Study</b> 9:00am – 9:50am	<b>Independent Study</b> 9:00am – 9:50am	Independent Study 9:00am – 9:50am	Housing Check-Out
Calendar (provided in packet)	<b>Research Methodology</b> 10:00am – 10:50am	<b>Research Methodology</b> 10:00am – 10:50am	Research Methodology 10:00am – 10:50am	<b>Research Methodology</b> 10:00am — 10:50am	<b>Research Methodology</b> 10:00am – 10:50am	DEPART FOR LAX
	Academic Presentation Skills	Academic Presentation Skills	Academic Presentation Skills	Academic Presentation Skills	Academic Presentation Skills	
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	Conversation Partner Meeting 1:00pm – 4:00pm PRESENTATION UCI Info Session 4:00pm-6:00pm CE4 110-111	Business Project Management 1:00pm – 4:00pm CE1 3040	SITE VIST Genomics High Throughput Facility w/ CPs 1:00pm – 4:00pm	Business Project Management 1:00pm – 4:00pm CE1 3040	Graduation Reception 4:00pm-6:00pm CE1 2070-80	

#### Engineering Calendar

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
July 14 WELCOME TO UCI! Housing Check-in	15 Program Orientation 9:00am - 12:00pm CE1 3070-80 Welcome Lunch & Campus Tour 12:00pm - 2:00pm STUDENT MIXER 2:00pm = 4:00pm CE1 2090	16 Designing and Integrating IoT Devices 8:00am - 9:50am CE1 1025 Research Methodology 10:00am - 10:50am CE1 2060 Academic Presentation Skills 11:00am - 11:50am CE1 2060 Conversation Partner Meeting 1:00pm - 4:00pm	17 Independent Study 9:00am - 9:50am Research Methodology 10:00am - 10:50am Academic Presentation Skills 11:00am - 11:50am Designing and Integrating IOT Devices 5:30pm - 7:30pm CE1 1025	18 Designing and Integrating IoT Devices 8:00am – 9:50am CE1 1025 Research Methodology 10:00am – 10:50am Academic Presentation Skills 11:00am – 11:50am Conversation Partner Meeting 1:00pm – 4:00pm	19 Independent Study 9:00am – 9:50am Research Methodology 10:00am – 10:50am Academic Presentation Skills 11:00am – 11:50am PRESENTATION UC Admissions 12:00pm-1:00pm CE1 2090	20 Refer to Activities Calendar (provided in packet)
21 Refer to Activities Calendar (provided in packet)	22 Independent Study 9:00am – 9:50am Research Methodology 10:00am – 10:50am Academic Presentation Skills 11:00am – 11:50am SITE VISIT 3D Printing 2:00pm – 4:00pm PRESENTATION UCI Info Session 4:00pm-6:00pm CE4 110-111	23 Designing and Integrating IoT Devices 8:00am - 9:50am CE1 1025 Research Methodology 10:00am - 10:50am Academic Presentation Skills 11:00am - 11:50am Conversation Partner Meeting 1:00pm - 4:00pm	24 Independent Study 9:00am – 9:50am Research Methodology 10:00am – 10:50am Academic Presentation Skills 11:00am – 11:50am Designing and Integrating IoT Devices 5:30pm – 7:30pm CE1 1025	25 Designing and Integrating IoT Devices 8:00am – 9:50am CE1 1025 Research Methodology 10:00am – 10:50am Academic Presentation Skills 11:00am – 11:50am Conversation Partner Meeting 1:00pm – 4:00pm	26 Independent Study 9:00am – 9:50am Research Methodology 10:00am – 10:50am Academic Presentation Skills 11:00am – 11:50am Graduation Reception 4:00pm-6:00pm CE1 2070-80	27 Housing Check-Out DEPART FOR LAX

#### Social Ecology Calendar

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
July 14 WELCOME TO UCI!	15 <b>Program Orientation</b> 9:00am – 12:00pm CE1 3070-80	16 Independent Study 9:00am – 9:50am CE 1:2060	17 <b>Independent Study</b> 9:00am – 9:50am	18 <b>Independent Study</b> 9:00am – 9:50am	19 <b>Independent Study</b> 9:00am – 9:50am	20 Refer to Activities Calendar (provided in
Housing Check-In	Welcome Lunch & Campus Tour	Research Methodology 10:00am – 10:50am CE1:2060	<b>Research Methodology</b> 10:00am – 10:50am	<b>Research Methodology</b> 10:00am – 10:50am	<b>Research Methodology</b> 10:00am – 10:50am	packet)
	12:00pm – 2:00pm	Academic Presentation Skills 11:00am – 11:50am	Academic Presentation Skills 11:00am – 11:50am	Academic Presentation Skills 11:00am – 11:50am	Academic Presentation Skills 11:00am – 11:50am	
	2:00pm – 4:00pm CE1 2090	CE1 2060 Conversation Partner Meeting 1:00pm – 4:00pm Social Ecology Group Dinner 5:00pm – 7:00pm The Anteatery	Intro to Environmental Analysis & Design 1:00pm – 4:00pm SBSG 3220	Conversation Partner Meeting 1:00pm – 4:00pm	PRESENTATION UC Admissions 12:00pm-1:00pm CE1 2090 Intro to Environmental Analysis & Design 1:00pm – 4:00pm SBSG 3220	
31	22	73	74	25	26	27
21 Refer to Activities Calendar (provided in packet)	122 Independent Study 9:00am – 9:50am	23 <b>Independent Study</b> 9:00am – 9:50am	24 Independent Study 9:00am – 9:50am	25 Independent Study 9:00am – 9:50am	26 Independent Study 9:00am - 9:50am	27 Housing Check-Out
	<b>Research Methodology</b> 10:00am – 10:50am	<b>Research Methodology</b> 10:00am – 10:50am	<b>Research Methodology</b> 10:00am – 10:50am	<b>Research Methodology</b> 10:00am – 10:50am	<b>Research Methodology</b> 10:00am – 10:50am	DEPART FOR LAX
	Academic Presentation Skills 11:00am – 11:50am	Academic Presentation Skills 11:00am – 11:50am	Academic Presentation Skills 11:00am – 11:50am	Academic Presentation Skills 11:00am — 11:50am	Academic Presentation Skills 11:00am – 11:50am	
	Intro to Environmental Analysis & Design 1:00pm – 4:00pm SBSG 3220 PRESENTATION	SITE VISIT Genomics High Throughput Facility w/ CPs 1:00pm - 4:00pm	Intro to Environmental Analysis & Design 1:00pm – 4:00pm SBSG 3220	Conversation Partner Meeting 1:00pm – 4:00pm	Intro to Environmental Analysis & Design 1:00pm – 4:00pm SBSG 3220	
	UCI Info Session 4:00pm=6:00pm CE4 110-111				Graduation Reception 4:00pm-6:00pm CE1 2070-80	

## Activities

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授業外活動

### **Academic Activities**

This year, EUR HS students attended a series of academic activities in addition to their classes, including: <u>UCI Lab Tours</u>, a <u>UCI Admissions</u> <u>Presentation</u>, <u>Guest Speakers</u>, and <u>Academic Advising</u>.

Pictured on the right, Melanie Oakes, Ph.D. explains how RNA is mapped at the UCI Genomics High-Throughput Facility.







Ben Dolan, Director of Design & Engineering Projects, leads a tour of UCI's RapidTech 3D printing lab.

Cindy Lin, Interim Director of University Programs, advises an EUR HS student.

Division of Continuing Education



Jeffery Hu, Associate Director of International Admissions, advises EUR HS students

Danielle Primavera, Director of Undergraduate Advising for Social Ecology, addresses EUR HS students.





### **Cultural Activities**

This year, EUR HS students also attended many cultural activities on and off campus, including: <u>Conversation</u> <u>Partner Meetings</u>, <u>Social Mixers</u>, <u>Local Attractions</u>, and <u>Cultural Classes</u>.

*Pictured on the right, EUR HS students at Universal Studios Hollywood.* 





EUR HS students enjoy a welcome BBQ.

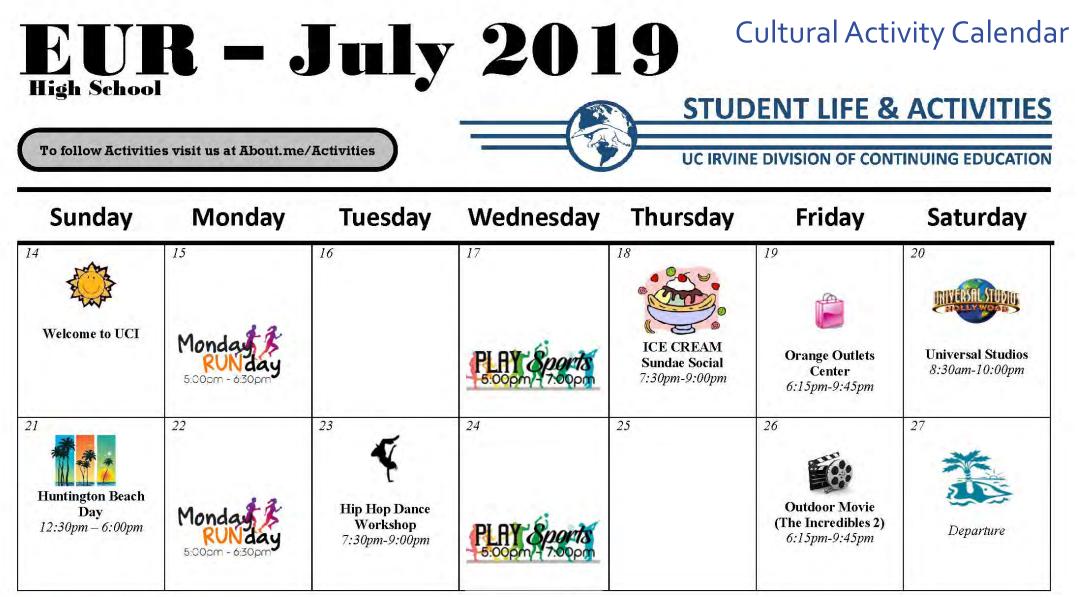
Getting their "Kicks on Route 66" in Santa Monica.

EUR HS students goof around with group leader, Kanna Luong.

*Going shopping with UCI students.* 







# **Accommodations**

### 寮、UCIキャンパスについて

### Mesa Court Towers

Located on the UCI campus and just two years old, the Mesa Court Towers provide clean, comfortable accommodations to EUR students.

A UCI Housing Advisor lived with students to provide 24/7 support. Students also had access to laundry facilities and a kitchenette.

Students dined in the Anteatery Cafeteria located in the Mesa Court Towers as well as in many of the 16 other dining locations on campus.

Dorm rooms are fully furnished and include bedding, towels, and Wi-Fi.





# Faculty & Staff

教員、スタッフ紹介

### EUR Staff

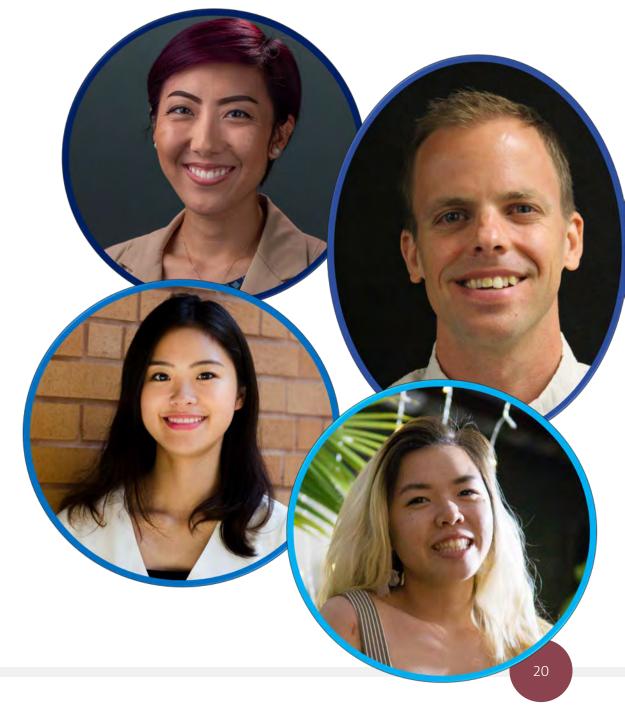
**Karl Kottman** Program Manager

Lauren Sakakibara Program Coordinator

Kanna Luong EUR Group Leader

**Thao Nguyen** General Assistant

(counter-clockwise from top right)



### **EUR Faculty**

Below is a list of UCI professors and professional experts who taught courses in the EUR HS program.

Martin Wartenberg, MSEE, MBA Saleem Yamani, M.S. (pictured) John Whiteley, Ed.D. Juliana Zanotto, Ph.D. Cara Gallardo, M.A. Linda Gruen, M.A.



# 2019 Certificate Ceremony

UCI Division of Puring Education

### 卒業式の様子











# TESTIMONIALS

体験談

### Maya Sakuma – Japan (pictured)

I would totally recommend this program to my classmates because not only the studying program was good, but also the people here are really nice and I was able to make connections with people from all over the world... It was really special to this program

### Dante Arutyunyan – USA

Although the time here was short, I really did learn a lot more than I expected, which I'm very glad about.

### Jiacheng Hu – China

Everyone [at UCI] gave me opportunity and they gave me a chance to be here and actually see what's going to college and I like it a lot. This is a program I definitely recommend for sure.





# Thank you!

