

Think. Explore. Share.



IVC/SC Student Research Symposium

Saturday, November 14, 2020

Time	Event
9:00 – 9:30	Welcome
9:30 – 11:00	Session 1 Orals: Choose Room 1, 2, or 3
11:00 – 12:00	Keynote Address
12:00 – 12:30	Lunch at the Zoom Café
12:30 – 1:00	Session 2 Posters: Choose Gallery A or B
1:00 – 2:30	Session 3 Orals: Choose Room 4, 5, or 6
2:30 – 3:00	Closing and Awards

Welcome Session

9:00AM – 9:30

<https://cccconfer.zoom.us/j/92212647552?pwd=OW92azJvTlhwN2FEEd2w3VFdnZGVEQT09>



Dr. Elliot Stern
President
Saddleback College



Dr. John Hernandez
President
Irvine Valley College

Oral Presentations Session 1

9:30AM – 11:00

Room 1: <https://cccconfer.zoom.us/j/94941099765?pwd=cmpTVllzR0NrR3pmcXErt05FR29nQT09>

- Rosanna Burgos
Preston Hong
Jennifer Fletcher
Rachel Soltesz
Mentor:
Alannah Rosenberg
- The Gaucho: Effects on Equity and Inclusion in Saddleback College's Community**
- An overview of Saddleback College's Gaucho mascot and how it reflects the mission, vision of the institution, and the cultural values of the surrounding community.
- Yasna Kalanaki
Mentor:
Andrew Harrington
- The Perpetuation and Perils of Modern Orientalism in Wes Anderson's Isle of Dogs**
- Wes Anderson's stop-motion classic *Isle of Dogs*, in its perpetuation of Orientalism, exposes the necessity for a shift in agency and subjectivity in film.
- Peggy Maleki
Mentors:
Bill Billingsley
Deidre Cavazzi
- Directing a Persian Renaissance: Women, Gender and New Wave Cinema in a Post-Revolutionary Iran**
- The Persian Renaissance is not just a political issue, but rather an ethical and cultural re-evaluation and revival; dominated by the New Wave cinema.
- Chi Mavangira
Mentor:
Kurt Meyer
- Born Without Borders**
- Evolution of a Black Woman's Body from the Slavery of Colonization to the Freedom of Self-Discovery through the Performing Arts

Room 2: <https://cccconfer.zoom.us/j/96838967687?pwd=WFlqRDBWRGRod1dDQzdZTIpZZGxLdz09>

Annabelle Leka **Does E-Health See Color?: Health Information Technology Adoption Disparities among Racial Minorities**

Mentor: This research examines the disproportionate rates of adopting Health Information Technology (HIT) among racial minorities, contributing factors, and effects of this issue.
Emily Liu

Apoorva Gunti **Music to My Ears: Differences in the Effect of Music Therapy Between Alzheimer's Patients and Stroke Patients**

Mentor: With a new emphasis on music therapy for brain injuries, researchers began fervently conducting experiments. However, it plays a different role for different disorders.
Gina Shaffer

Talha Khan **Neurodegenerative treatment: A dead-end or long road to a healthy life?**

Mentor: This literature review will assess the various treatment options that are currently being looked at as well as discuss future goals for better neurological care.
Jennifer McKinney

Donghae Shin **Investigation on the Limitations of Organ on a Chip: Possible Improvements in Cancer Treatment and Drug Testing**

Mentor: This study investigates the durability of electrochemical sensors and automation systems in the organ on a chip for the development of person-specific treatment and medicine.
Lewis Long

Room 3: <https://cccconfer.zoom.us/j/91331805389?pwd=ZDdOTk5INE9MbEp4QTh5aTI5SIzrUT09>

Yohann Byun **Has the Federal Reserve Run Out of Monetary Policy Options?**

Mentor: The Federal Reserve only has few options left to revive the economy, and yield curve control is one of their final options.
Mark Collinson

Tomas Castro **The Price of the Future: An Analysis of the Gap in Carbon-Pricing Policy between Canada and the United States**

Mentor: This comprehensive study seeks to reconcile the inconsistency in climate policies between two continental neighbors through the examination of several political and economic factors.
Joon Kil

Cal Parker **Finance from Hell**

Mentors: This oral presentation explains the current global financial environment, the intentions of Negative Interest Rate Policies, and the concerns and alternatives regarding this monetary policy.
Mark Collinson
Lewis Long

Maximilian Schell **Is Anyone Paying Attention? An Examination of the Problematic Future for the Timeshare Industry**

Mentor: Millennials' desire for flexibility and distrust of corporations makes them less likely than their predecessors to invest in timeshare vacation homes, jeopardizing the timeshare industry.
Lewis Long

Jadon Wong **Slaves Among Us: A Look Inside Modern Slavery in Southeast Asia**

Mentor: Because human trafficking is an extensive crime enterprise, especially in Southeast Asia, the international community struggles to discover successful means to combat this human-rights violation.
Emily Liu

Keynote Address

11:00AM – 12:00

<https://cccconfer.zoom.us/j/92581435160?pwd=MHJmOTBrWkZTaG1nZUkyRXBQVjFtUT09>



The Rocky and Rewarding Road of Research

Dr. Bill Etter

Professor Etter is a member of the English Department at Irvine Valley College. He has been at IVC since 2004.

Lunch at the Zoom Café

12:00 Noon – 12:30PM

<https://cccconfer.zoom.us/j/97847239113?pwd=VG5WaHc1TUhSWDNPcFdDQnBHTzhTdz0>

Bring your lunch to one of our virtual tables to enjoy some informal conversation and relaxation before our exciting afternoon presentations begin. Table assignment will be random, so prepare to meet some new friends!



Poster Session

12:30 PM – 1:00

Gallery A: <https://cccconfer.zoom.us/j/95556481883?pwd=TEt6UHJaR3JDTNoRmNDMTR6R0o1dz09>

- Allison Jeon [Exploring the Most Effective Method to Improve Students' Memory Retention](#)
Mentor: Virginia Shank This study is designed to explore the most effective lecture method for long-term memory, allowing educators and students to thrive in the best learning environment.
- Michael Truong [South Korean Education System and Mental Health](#)
Mentor: Claire Cesareo This research project analyzes the negative impact of the South Korean educational system and high academic standards on student mental health.
- Kian Zabihi [Integration of Syrian Refugees in Germany](#)
Mentor: Claire Cesareo This research project investigates the successes and conflicts involved in the integration of Syrian refugees into German society following the Syrian Civil War.
- Tianhui Zhao [The Hypersexualization of Female Avatars in Video Games](#)
Mentor: Claire Cesareo This research analyzes the causes of the hypersexualization of female avatars in video games and the reactions to it from within and outside the industry.

Gallery B: <https://cccconfer.zoom.us/j/92015810670?pwd=SmJCazJrRVpDTDBieDIGcWdQMUMzQT09>

- Paul Doyle, Jr. **[Hunting Those Pesky Aphids: Determining Which Color Helps Ladybugs Locate Them Faster](#)**
Mentor: We hypothesized that ladybugs would hunt the most aphids under green light. Our results suggested that orange light is more efficient for hunting aphids.
Tony Huntley
- Arash Esmaeili **[Electric Vehicles and the Auto Market: Future Financial Impact of EV and PHEV on Automotive Companies](#)**
Mentor: With demand for electric vehicles rising, this study examines possible outcomes for future the financial performance of battery-powered vehicles on auto companies and the market.
Lewis Long
- Tiffany Jean **[Fraud, Waste and Abuse: A Glimpse into the Unintended Consequences of Artificial Intelligence in the Healthcare Industry](#)**
Mentor: Examining the role of AI in healthcare, supplemented by a review of research on medical machine learning controversies, supports the need for potential hospital guidelines.
James Boyd
- Leila Marshall **[An Active Solution to Parkinson's Disease: The Effect of Physical Activity in the Prevention and Treatment of PD](#)**
Mentor: Parkinson's Disease is a neurodegenerative disorder that does not currently have a cure. However, exercise has been evaluated to prevent and treat Parkinson's Disease.
Emily Liu
- Jillian Pantig **[Cybernation Evolution: How Artificial Intelligence and Robotics Affect Unemployment](#)**
Mentor: Because of technology's widespread dissemination in several industries, thousands of employees are becoming despairingly jobless, resulting in an abrupt increase in the world's unemployment rates.
Emily Liu
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Oral Presentations Session 2

1:00PM – 2:30

Room 4: <https://cccconfer.zoom.us/j/95028548679?pwd=NTA0a0xEVWlkUGIFdTJ6UzF1dUR6Zz09>

- Ariana Dominick **Putting Plea Bargains on Trial**
Mentor: While plea bargains often strip the rights of defendants, reduced prosecutorial power and increased oversight of the plea deal process could effectively decrease wrongful incarcerations.
Emily Liu
- Gabriela Pinho de Moraes **The Equal Rights Amendment: What Led to its Downfall?**
Mentor: Today, women in the U.S. are similar to men in all societal aspects, except they are not.
Emily Liu We still have no Constitutional validity as equals.
- Zain Raja **A Drive to Nowhere: An Analysis of the Effects of Independent Contractor Classification on Rideshare Drivers**
Mentor: An overview of how independent contractor misclassification results in the denial of full-time employment benefits to rideshare drivers and how this affects the labor market.
Mark Collinson
- Omar Yu **The Reaping of Internet: How Social Media has become a Bidding War for Private User Data**
Mentor: A literature review of scientific journals, data analytics, and failed legislation focusing on the ever-present problem of private data harvesting on social media platforms.
Emily Liu

Room 5: <https://cccconfer.zoom.us/j/96834955303?pwd=MDICa3Q1Z3Z2L0l1SXBHNkNPRGYzQT09>

Preston Hong **The Fall of an Empire: The Factors that Led to the Conquest of the Aztecs**

Mentor: Margot Lovett The timing and crippling effects of the smallpox epidemic on the Aztecs was the most influential factor in the Spanish conquest of the Aztec empire.

Hasan Jebory **How Stalin's Regime Affected Dimitri Shostakovich's Expression in his Symphonies and his Smaller Compositions (Concertos, String Quartets, etc.)**

Mentor: Matthew Tresler An analysis of how Soviet composer Dimitri Shostakovich managed to express himself under the strict regime of an ideological sociopath.

San Pashtoon **The Commodification of Art during the Renaissance**

Mentors: Amy Grimm James Watkins A critical analysis of the effects of the Renaissance on art through research on commodification, Northern Italian history, phenomenology, and Renaissance artists.

Chloe Patterson **The Guatemalan Coup of 1954 and American Business influence on the CIA**

Mentors: Jedrek Mularski Margot Lovett CIA intervention in Guatemala following their election of reform-minded leaders resulted from an intersection of America's anti-communist sentiments and desire to protect foreign business

Rachel Soltesz **Naturalization of Immigrants in America**

Mentor: Deidre Cavazzi When given the chance to naturalize, many immigrants in the United States have decided not to take this opportunity and get their citizenship.

Room 6: <https://cccconfer.zoom.us/j/93288912974?pwd=dHVNQk0rTkU2Sm9YUCs2TitzMmVgdz09>

Marize Awad **The Right to Safe Education**

Mentor: Emily Liu The increasing prominence of school shootings in the United States is shedding a light on the current insufficient background checks legislation in this advanced country.

Alexis Nguyen **NEURishment: Better Nutrition, Better Cognition**

Zainab Hussain *Mentor:* Emily Liu Better nutrition, better cognition: increasing awareness of the critical yet largely unknown link between Nutritional Neuroscience and Alzheimer's will revolutionize healthcare as we know it.

Rosanna Burgos **An Insight of Neuroplasticity: Effects on the Brain and Behavior**

Mentor: Erika Zemanek A look into how the neurons within our brain reshape and adapt to new experiences and traumatic events through a process called neuroplasticity.

Sarah Tumiya **Grandma v. Big Pharma: The Modern Epidemic of Polypharmacy in the Elderly Generation**

Mentor: Emily Liu Many elderly are overmedicated due to fundamental flaws in the healthcare system; we must educate the public and future doctors, and improve the doctor-patient relationship.

Closing Session and Awards

2:30PM – 3:00

<https://cccconfer.zoom.us/j/97043129895?pwd=MTF0dWZSNElhNkNZY2FyYXINd0cyUT09>

Awards will be announced in two categories: Outstanding Posters, Outstanding Oral Presentation Abstracts. This is also your opportunity to thank your mentors, celebrate together, and hear more about **what's next**, which is . . .

The Honors Transfer Council of California
Proudly Announces
**The 21st Annual UCI
Community College
Honors Research
Conference**
March 27th, 2021
hosted virtually this year by
the University of California, Irvine

General Information: <https://www.honorstransfercouncil.org/the-conference-1>

Student Guide to the UCI Conference

For campus-specific deadlines and directions, attend the Closing Session and consult your honors program:

Prof. Alannah Rosenberg
Saddleback College Honors Program
arosenberg@saddleback.edu

Prof. Emily Liu
Irvine Valley College Honors Program
eliu@ivc.edu

Special Thanks

This symposium – and the instructional environment that promotes your research – wouldn't be possible without the hard work and constant help of many people. Here are some of them:

Faculty Mentors

Bill	Billingsley
James	Boyd
Deidre	Cavazzi
Claire	Cesareo
Mark	Collinson
Daniel	Elliot
Amy	Grimm
Andrew	Harrington
Tony	Huntley
Joon	Kil
Emily	Liu*
Lewis	Long
Margot	Lovett
Jennifer	McKinney
Kurt	Meyer*
Jedrek	Mularski
Alannah	Rosenberg*
Gina	Shaffer
Virginia	Shank
Matthe	
w	Tresler
Erika	Zemanek

*Symposium Zoom host

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We also want to thank again our keynote speaker, Professor Bill Etter.