



# GRADUATE RESEARCH CONFERENCE

November 13, 2017 | 4-7 pm | USU Ballrooms

Hosted by the Graduate Studies Resource Center

CALIFORNIA STATE UNIVERSITY  
**LONG BEACH**

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## EVENT SCHEDULE

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### 4 - 4:50PM: Welcome

Keynote Speaker – Zed Mason, PhD

### 5 - 5:50PM: SESSION A

Paper Presentations: USU 303, USU 304, & USU 305

Poster Presentations: USU Ballrooms

Roundtable Sessions: USU 253 (Alamitos Bay)

### 6 - 6:50PM: SESSION B

Paper Presentations: USU 303, USU 304, & USU 305

Poster Presentations: USU Ballrooms

Roundtable Sessions: USU 253 (Alamitos Bay)

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## KEYNOTE SPEAKER

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*Time: 4-4:50PM*

*Location: USU Ballrooms*

The CSULB Graduate Research Conference is honored to present distinguished keynote speaker **Zed Mason, PhD**, former Assistant Vice Chancellor for Research Initiatives and Partnerships for the CSU, former Vice President for Research and External Support, and Professor Emeritus of Biological Sciences at CSULB.

Dr. Mason's address is entitled "Dear research, you changed my life: A retrospective look at the transformational power of authentic research in defining student aspirations and attitudes." The address will consider how the pursuit of knowledge through research presents enormous intellectual challenges that test one's perseverance, character and integrity. Despite these challenges, Dr. Mason argues, it is only through unbiased research that we can provide the evidence-based truths that define our social values and defend freedom and democracy against falsehoods and propaganda.



## **Session A**

### **5-5:50 PM**

#### **Paper Session – USU 303**

*Discussant: Faculty*

**Megan Jeffreys**

College of Liberal Arts – History

*Children of defiance: Understanding childhood in American slavery*

**Alberto Mata**

College of Liberal Arts – History

*From colony to nation state: Class warfare and political culture*

**Jason Moore**

College of Liberal Arts – History

*Accepting dynasty: Cassius Dio and dynastic succession in the third century*

#### **Paper Session – USU 304**

*Discussant: Janaki Santhiveeran*

**Alexea Howard**

College of Liberal Arts – Anthropology

*The embodiment of control: An anthropological study of pro-anorexia websites*

**Preethi Panyam**

College of Liberal Arts – Psychological Research

*Prenatal estradiol levels and postpartum depression among low-income women*

**Christina Wroniak**

College of the Arts – Art Education

*Homeschooling arts education: What do they do, and where do they go?*

#### **Paper Session – USU 305**

*Discussant: Alexandra Jaffe*

**Elaine Chen**

College of Liberal Arts – German Studies

*Language, philosophy, and theater in Nietzsche's Also Sprach Zarathustra*

**Benjamin Frochtzawjg**

College of Liberal Arts – Asian Studies

*A critical analysis and comparison of the new and old Silk Roads*

**Michael Palomares**

College of Education – Special Education

*Vocabulary development of an adult with autism: A corpus linguistics study*

**Session A**  
**5-5:50 PM**

**Roundtable Session – USU Room 253, Alamitos Bay**

*Chair: Misty Sawatzky*

**Citlaly Orozco**

College of Education – Social & Cultural Analysis of Education

*Mentorship for first-generation Latinas in four-year private universities*

**Gustavo Perez**

College of Education – Social & Cultural Analysis of Education

*Exploration into the economic segregation of Fresno Unified School District*

**Mikenna Sims**

College of Liberal Arts – English Education BA; TESOL minor

*Pedagogical approaches to reducing anxiety in adolescent ESL writing*

**Tracey Stafford**

College of Education – Social & Cultural Analysis of Education

*Media and identity: assessing CML as a path to transformational learning*

**Cinthia Tejeda**

College of Education – Social & Cultural Analysis of Education

*Disciplinary and neoliberal policies in urban education*

**Roundtable Session – USU Room 253, Alamitos Bay**

*Chair: Mark Williams*

**Olga Gonzalez**

College of the Arts – Musicology

*We came and conquered? Viking metal: The complexities of music and culture*

**Anny Mogollon**

College of Liberal Arts – English

*The forgotten ones: Trauma and memory in Karen Yamashita's Tropic of Orange*

**Ryan Shaver**

College of Liberal Arts – Philosophy

*An argument for connectionism to be the foundational architecture of mind*

**Session A**  
**5-5:50 PM**

**Roundtable Session – USU Room 253, Alamitos Bay**

*Chair: Danielle Kohfeldt*

**Shar Alam and Lilian Lim (co-presenters)**

College of Liberal Arts – Psychology

*Gender identity, perceived competence, and school engagement in freshmen*

**Angela Hart**

College of Liberal Arts – Psychology

*The social reactions of family members in response to abuse disclosure*

**Danny Shultz**

College of Liberal Arts – Psychology

*Emotion, affect, and subordination in social activism narratives*

**Sarah Velasco**

College of Liberal Arts – Psychology

*Stress overload and the new nightmare for “DREAMers”*

**Poster Presentations – USU Ballroom**

**Ezequiel Buenrostro**

College of Engineering – Mechanical Engineering

*Impact response of a randomly oriented fiber foam core composite*

**Echelle Burns**

College of Natural Sciences & Mathematics – Biology

*The fine-scale movement patterns of five demersal fish species along a wastewater outfall*

**Rosanna Calderon**

College of Natural Sciences & Mathematics – Biochemistry

*GIV/Girdin mediates cell survival during endoplasmic reticulum stress*

**Rita Collins**

College of Natural Sciences & Mathematics – Biology

*Urban coyote (*Canis latrans*) ecology: Diet, activity, and habitat use*

**Hannah Freund**

College of Natural Sciences & Mathematics – Microbiology

*The microbial community in sharks is species and age specific*

**Session A**  
**5-5:50 PM**

**Poster Presentations – USU Ballroom** (continued from page 3)

**Santos Fuentes**

College of Natural Sciences & Mathematics – Physics

*Characterization of bithermally deposited iron phthalocyanine thin films*

**Alicia Gamboa**

College of Natural Sciences & Mathematics – Biochemistry

*siRNA delivery with hybrid collagen cell penetrating peptides*

**Rafael Gomez Consarnau**

College of Engineering – Aerospace Engineering

*Simulation of high velocity armor fragmentation and human tissue response*

**Bahareh Haeri**

College of Natural Sciences & Mathematics – Biochemistry

*Antimicrobial activity of lipid-bound ApoA-I*

**Vi Hoang**

College of Natural Sciences & Mathematics – Microbiology

*Construction and expression of anti-Candida albicans immunotoxins*

**William Hutzel**

College of Natural Sciences & Mathematics – Physics

*Particle hole symmetry breaking in the fractional quantum hall effect*

**Erika Kenley**

College of Health & Human Services – Kinesiology

*Measurement of cfDNA levels in trained and untrained individuals*

**Jyothsna Kilaru**

College of Engineering – Computer Science

*Programming language allowing implementation of co-operative applications*

**Cyrus Koroni**

College of Natural Sciences & Mathematics Chemistry

*Synthesis and X-ray crystal structure studies of dinitrosyl iron complexes*

**Phillippe Ly**

College of Natural Sciences & Mathematics – Biochemistry

*Towards rational drug design for treatment of Alzheimer's disease*

**David Mahakian**

College of Natural Sciences & Mathematics – Applied Mathematics

*Analyzing real-life pedestrian measurements using Kalman filters*

**Session A**  
**5-5:50 PM**

**Poster Presentations – USU Ballroom** (continued from page 4)

**Cesar Mejia**

College of Natural Sciences & Mathematics – Geology

*Deformation of the Mineral Hill erratic along the Henderson thrust*

**Cristobal Morfin**

College of Natural Sciences & Mathematics – Biochemistry

*Peptide-supported heterogeneous organometallic catalysts*

**Eric Ngo**

College of Engineering – Aerospace Engineering

*FEA of stress wave propagation across metallic structures*

**Stanley Nguyen**

College of Natural Sciences & Mathematics – Biology

*Water content of the environment influences glycoside hydrolase structure*

**Anh Nguyen**

College of Natural Sciences & Mathematics – Physics

*Structural characterization of superconducting heteroepitaxial thin films*

**Andy Sua**

College of Natural Sciences & Mathematics – Chemistry

*Using metal organic framework film as a drug-eluting stent coating*

**Kevin Vargas**

College of Natural Sciences & Mathematics – Chemistry

*Reversed alkyl thiosulfate addition synthesis of alkanethiolate-capped PdNP*

**Kathy Vo**

College of Natural Sciences & Mathematics – Biology

*Effects of mammalian aposematic pattern variation on predator response*

## **Session B**

### **6-6:50 PM**

#### **Paper Session – USU 303**

*Discussant: Alicia del Campo*

**Hope Davies**

College of Liberal Arts – Spanish

*The Huarochiri manuscripts in the final novel of José María Arguedas*

**Ashlee Goite**

College of Liberal Arts – Spanish

*El pez de oro de Gamaliel Churata: una desviación de la literatura colonial*

**Melissa Parra Rodriguez**

College of Liberal Arts – Spanish

*La memoria individual de Ernesto y la música andina en Los ríos profundos*

#### **Paper Session – USU 304**

*Discussant: Malcolm Finney*

**Abeer Abbas**

College of Liberal Arts – Linguistics

*The documentation of Farasani: A language of the Red Sea islands*

**Abdulmajeed Alrashed**

College of Liberal Arts – Linguistics

*Phonemic vowels in Qassimi Arabic*

**Mallory Grismer**

College of Liberal Arts – Spanish

*The influence of the Spanish and English languages on cultural ideas of fate*

#### **Paper Session – USU 305**

*Discussant: Juncheol Moon*

**Laylita Day**

College of Liberal Arts – Geography

*Geo-journalism: Local news mapping in LA and Orange Counties*

**Mani Khanuja and Ameer Thakkar (co-presenters)**

College of Engineering – Computer Science

*Enhancing learning experience using cognitive modeling in real-time*

**Avinash Ralla**

College of Engineering – Civil Engineering

*Sustainable mitigation of stormwater runoff using fully-permeable pavement*



**Session B**  
**6-6:50 PM**

**Roundtable Session – USU Room 253, Alamos Bay**

*Chair: Melissa Maceyko*

**Elizabeth Ball**

College of Health & Human Services – Social Work

*Ageism in social work education for shortage of geriatric social workers*

**Sara Castro**

College of Liberal Arts – Linguistics

*Effects of exposure and attitude in language maintenance and shift*

**Stevie Merino**

College of Liberal Arts – Anthropology

*Birth Disparities and birth traditions of Pacific Islanders in the U.S.*

**Jenica Smith**

College of Health & Human Services – Nutrition & Dietetics

*Analysis of food insecurity among college students at CSU, Northridge*

**Nicole Sukanuma**

College of Liberal Arts – Anthropology

*An ethnographic study of the Twitch.TV streamer and viewer relationship*

**Roundtable Session – USU Room 253, Alamos Bay**

*Chair: Oscar Ponce-Morales*

**Sina Barjasteh**

College of Engineering – Computer Science

*Real time synchronized automata cooperative mobile robots in dynamic network*

**Neha Tyagi**

College of Engineering – Computer Science

*Resilient communication layer algorithm using Slotted ALOHA and TDMA*

**Shiyun Wang**

College of Natural Sciences & Mathematics – Mathematics

*Probabilistic graphical models and their applications*

**Session B**  
**6-6:50 PM**

**Roundtable Session – USU Room 253, Alamos Bay**

*Chair: Tiffanye Vargas*

**Danielle Wong**

College of Health & Human Services – Kinesiology (Sport Psychology emphasis)  
*Swimsuit choice, body surveillance and confidence in female swimmers*

**Alexandra Rodriguez**

College of Health & Human Services – Kinesiology (Sport Psychology emphasis)  
*Sociocultural attitudes and social comparison in athletes with disabilities*

**Amanda Clark**

College of Health & Human Services – Kinesiology (Sport Psychology emphasis)  
*Intrinsic/extrinsic religiosity and relationship with competitive anxiety*

**Roundtable Session – USU Room 253, Alamos Bay**

*Chair: Darin Dewitt*

**Tyler Kae**

College of Liberal Arts – Political Science  
*Changing American nationalism in challenging times*

**Juan Campos**

College of Liberal Arts – Political Science  
*State incoordination and political assassinations in Mexico*

**Spencer Lindsay**

College of Liberal Arts – Political Science  
*The dice are loaded: A constitutional crisis in representation*

**Kris Pedraza**

College of Liberal Arts – Economics  
*How do remittances and aid impact poverty reduction in developing countries?*

**Session B**  
**6-6:50 PM**

**Poster Presentations – USU Ballroom**

**Dacey Bashaw**

College of Liberal Arts – Psychology

*Rumination type, collective narcissism, and displaced aggression*

**Michelle Beach**

College of Health & Human Services – Kinesiology

*Gender differences in preferences for leadership style and psych skills*

**Yuliya Cheban and Catherine Rehmman (co-presenters)**

College of Liberal Arts – Psychology

*The interactive impact of team states and interdisciplinarity on learning*

**Jeremy Embola**

College of Health & Human Services – Nutritional Science

*Determination of the polyphenolic and antioxidant properties of Mauby bark*

**Ronald Flores**

College of Liberal Arts – Psychology

*Unfairness and anger link resource inequality to retributive justice*

**Alsatia Folk, Nicole Saulnier, and Taylor Stokes (co-presenters)**

College of Liberal Arts – Psychology

*Good decisions in a team: Sleep and personality as drivers of cognition*

**Joshua Lozano**

College of Liberal Arts – Psychology

*Impact of resource inequality and justice sensitivity on rumination and anger*

**Jasmine Medrano**

College of Education – Social and Cultural Analysis of Education

*Understanding the microaggressions Latino children experience in school*

**Nand Modi**

College of Health & Human Services – Health Science

*Diabetes as a risk factor for dementia among older Latinos*

**Thuy-Trinh Nguyen**

College of Health & Human Services – Criminology and Criminal Justice

*Substance use among Asian Americans*

**Ruby Osoria**

College of Education – Social and Cultural Analysis of Education

*Mexican immigrant mothering: Courage, knowledge, and consejos*

**Session B**  
**6-6:50 PM**

**Poster Presentations – USU Ballroom** (continued from page 9)

**Aditi Parey**

College of Health & Human Services – Public Health  
*Prevalence and determinants of smokeless tobacco consumption*

**Andrew Phou**

College of Liberal Arts – Psychology  
*Romantic relationship satisfaction, depression and Autism Spectrum Disorder*

**Vida Rebello**

College of Health & Human Services – Health Care Administration  
*Social media use for better health behaviors among school students*

**Andy Rivas**

College of Liberal Arts – Linguistics  
*A look at Salvadoran-Spanish dialect among 2nd generation Spanish speakers*

**Tiffany Rivers**

College of Health & Human Services – Criminology and Criminal Justice  
*Urban America and African American gun violence*

**Sergio Sanchez**

College of Liberal Arts – Linguistics  
*“Pragmatic” ergativity in Classical Tibetan*

**Hugo Sanchez Hernandez**

College of Liberal Arts – Psychology  
*Pregnant women’s mindfulness, social support, and stress reactivity*

**Olivia Silke**

College of Liberal Arts – Psychology  
*Effects of mindfulness during pregnancy on infant cortisol and  $\alpha$ -amylase*

**Elica Sue**

College of Liberal Arts – Linguistics  
*An acoustic analysis of Hocank accent pattern*

**Alison Underwood**

College of Education – School Psychology  
*An analysis of pre-service transition training*

**Christopher Vardeman**

College of Liberal Arts – Psychology  
*Me, my selfie, and I: Personality traits’ influence on selfie sharing*

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## **ACKNOWLEDGEMENTS**

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The 2<sup>nd</sup> annual CSULB Graduate Research Conference would not be possible without the time, efforts, and contributions of our many supporters. We would like to thank the following partners for making the CSULB Graduate Research Conference possible:

U.S. Department of Education

Our graduate student presenters

Keynote Speaker: Zed Mason

Paper Discussants: Babette Benken, Alicia del Campo, Malcolm Finney, Alexandra Jaffe, Jucheol Moon, Janaki Santhiveeran

Roundtable Chairs: Darin Dewitt, Danielle Kohfeldt, Melissa Maceyko, Oscar Ponce-Morales, Misty Sawatzky, Tiffanye Vargas, Mark Williams

CSULB Graduate Studies Office: Jody Cormack, Elaine Frey, Monique Lopez

GSRC Advisory Board

Project HOGAR: Babette Benken, Nancy Hall

Campus Partners: Beach Catering, College of Natural Sciences & Mathematics, University Print Shop, University Student Union

Event Volunteers: Lizette Alvarez, Danielle Hall, Jesse Jimenez, Marisol Lopez, Michael Lugo, Patricia Mateo, Cecilia Paredes, Gustavo Perez, Diandra Porter, Jorge Tonix, Harry Wynands

***THANK YOU!***

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CALIFORNIA STATE UNIVERSITY LONG BEACH

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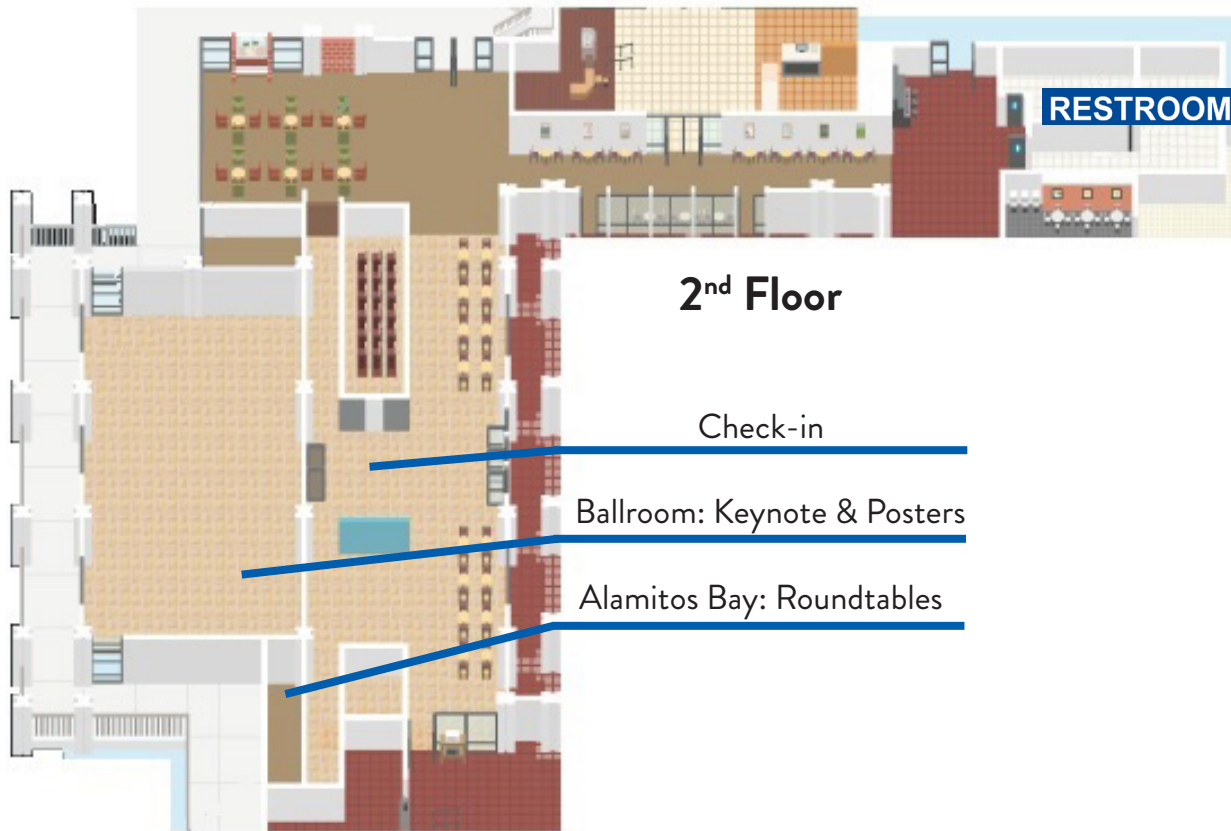
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