# THE OFFICE OF GRADUATE STUDIES RECOGNIZES GRADUATE STUDENTS AND FACULTY MENTORS 2019 - 2020



Office of Graduate Studies Graduate Resource Center Library North AI24 gradstudies@calstatela.edu GRC@calstatela.edu

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#### **Letter from the AVP & Dean of Graduate Studies**

Dear Graduate Students,

I am uplifted and inspired every spring when I have the opportunity to review the innovative research and creative projects you produce each academic year. This year your time with faculty mentors and each other in your labs, studios, classrooms and in-person meetings was suddenly cut-off when the Safer at Home Order required all of us to shelter separately to protect our health against the threat of the COVID-19 virus. Regardless of this unexpected challenge, your excellent work continued and the scholarship you produced this year was exceptional. Although we were unable to hold our annual Graduate Student and Faculty Mentor Recognition reception, we in the Office of Graduate Studies did not want the academic year to end without acknowledging your tremendous achievements. It is clear that graduate programs at Cal State L.A. play a valuable role in the development of scholars across academic disciplines. This year, department chairs and faculty recommended for acknowledgement 246 graduate students who have published or presented their work at professional conferences, performances, and exhibitions across the country and internationally.

So many of you have received research grants, summer research fellowships, academic scholarships and awards for excellence in your individual disciplines and for your professional service to the larger community of Los Angeles. We are proud that you have developed as professionals and are prepared to take on leadership roles in industry and public service in the fields of business, education, nursing, social work, public health and engineering, to name a few.

I am grateful to my faculty colleagues for the unwavering support they provided you and for their outstanding mentorship. I have a renewed sense of hope about the future of our nation knowing that you are well prepared to serve the greatest good in our communities, as scholars, professionals and leaders in your careers of choice.

Although we are unable to exchange hugs and take pictures to capture your well-deserved joy for completing significant scholarship, I applaud you for your impressive work. This year, more than ever, your scholarship reflects tenacity and an ability to thrive during unprecedented circumstances. As you review this recognition program that seeks to capture your successes, be proud of yourselves and thankful for your faculty mentors and supportive families. You are our Golden Eagles and we are gratified to watch you soar as you pursue new adventures.

Thank you and be well,

Karin Elliott Brown

#### LSAMP Participation - Bridge to The Doctoral Two Year Fellowship

The NSF- Louis Stokes Alliance for Minority Participation- Bridge to the Doctorate Program (also known as LSAMP-BD) is a two- year fellowship program designed to enhance the fellow's preparation for PhD studies in science, technology, engineering and mathematics (STEM). Program activities are designed to ensure that each LSAMP-BD fellow (1) pursues a rigorous curriculum of graduate study leading to a MS degree in a STEM discipline in two years; (2) participates in a project of original research and acquires the skills required to communicate the outcomes in written and oral formats; and (3) receives intense advising, mentoring and academic support necessary to become a confident and successful graduate student to support acceptance into a high quality PhD program.

#### **Beatriz Aguirre**

Biology

Faculty Mentor: Alexander Wright

#### Krisha Algoso

Biology Faculty Mentor: Patrick Krug

#### Manuela Davila

Mathematics

Faculty Mentor: Michael Krebs

#### **Ugbad Farah**

Environmental Sciences Faculty Mentor: Kristen Fisher

#### **Amber Jolly**

Biology

Faculty Mentor: Christine Scoffoni

#### Imelda Lopez

Biology

Faculty Mentor: Amelia Russo-Neustadt

#### Francisco Martinez

Mathematics

Faculty Mentor: Vladimir Akis

#### **Neil Poole**

Biology

Faculty Mentor: Edward Eivers

#### Tyler Powell

Biology

Faculty Mentor: Edith Porter

#### Cynthia Ramirez

Mathematics

Faculty Mentor: Melissa Hendrata

#### Yasmeen Solano Rodriguez

Biochemistry

Faculty Mentor: Xin Wen

#### Chad Thomas

Biology

Faculty Mentor: Robert Nissen

#### Sally Casanova Pre-Doctoral Scholars

The California Pre-Doctoral Program is designed to increase the diversity of the pool from which the California State University draws its faculty. A special emphasis is placed on increasing the number of CSU students who enter graduate programs at one of the University of California campuses. Sally Casanova Pre-Doctoral Scholars work closely with a CSU faculty sponsor to develop an overall plan that ultimately leads to enrollment in a doctoral program. The California Pre-Doctoral Program provides travel funds for students and faculty sponsors to visit U.S. doctoral-granting institutions and to attend a professional meeting. It also funds summer research internships at University of California campuses and other major research universities.

#### Maria Cecilia Azar

English

Faculty Mentor: Maria Karailis

**Bio:** Maria Cecilia's research examines how vulnerability is read and inscribed onto various racialized and gendered bodies in American literature and culture. Her master's thesis, "Literary Tourism," focuses on nineteenth-century periodicals and theorizes the movement of narratives as discursive tours that borrow spatial strategies from tourism in order to gain ostensibly direct and unmediated information about oppressed bodies. She has developed her interdisciplinary approach by presenting at numerous conferences and her work is forthcoming in Palgrave McMillan's collection of essays titled Dark Tourism of the American West. In a doctoral program, she plans to extend her studies in performance studies, affect, queer, and race theory to explore tropes of vulnerability in contemporary queer and diasporic bodies, vulnerability and passing, and the moments when their interplay challenges the status quo, revealing often-masked cultural tensions.

#### Alejandro Guardado

History

Faculty Mentor: Enrique Ochoa

**Bio:** Alejandro's studies focus on the impact of liberation theology in Mexico by illuminating the roles and contributions of progressive theologians who organized grassroots movements during Mexico's New Left era. His studies aim to complicate the current historiography on Mexico's student and guerrilla uprisings during the 1960s and 1970 by interconnecting progressive religious action and ideology. In doing so, he will specifically look to research the life of Mexico's most prominent liberation theologian, Sergio Mendez Arceo. Mendez Arceo is a key figure in highlighting how progressive Catholics battled traditionally conservative interpretations of Catholicism. However, the work of Mendez Arceo and many grassroots lay organizations went beyond Catholic churches and were in solidarity with student and labor movements while also actively criticizing political violence directed towards poor people. This research aims to determine if the progressive wing of the Church was a significant element of Mexico's New Left.

#### Wendy Layco

Anthropology

Faculty Mentor: James E. Brady

**Bio:** Wendy specializes in the archaeology of religion. She utilizes a sacred landscape approach in the examination of artificial subterranean spaces in the Maya area. Informed by the sub-discipline of cave archaeology, Wendy shows that subterranean features, previously thought to be utilitarian, had a purely religious function. She has carried out research in Belize and at Chichen Itza in Yucatan, Mexico. Wendy has presented the results of her field research at the last two Annual Meetings of the Society for American Archaeology. She also has a coauthored publication, Maya Cultural Landscapes and the subterranean: Assessing a Century of Chultun Research, in the International Journal of Archaeology.

#### Amir Neal

Mechanical Engineering Faculty

Mentor: Krishna Foster

**Bio:** In combustion chemistry, it is generally understood that species formation involves numerous collisions that come to thermal equilibrium before decomposition. Recent theoretical studies have shown that radicals with weak bounds can quickly dissociate at high temperatures and therefore impede the collisional internal energy relaxation process. Currently, there are few experimental measurements of the methoxy (CH30) radical decomposition reaction at temperatures above 1000 K. Thus, Amirr's research is focused on investigating the effects of prompt dissociation on methoxy radical decomposition at temperatures greater than 1000 K. Amirr is eager to utilize modern kinetic models to reanalyze the most current methoxy radical decomposition in literature from over 30 years ago.

#### **Graduate Students Admitted to Doctoral Programs**

We have seventeen graduate students who have been accepted to PhD programs. These PhD programs include Environmental systems, Ethnic Studies and Literature, Biological Sciences, Literature, English, Pharmaceutical and Translational Medicine, Climate Sciences, Anthropology, Immunology, Cancer and Cell Biology, Electrical Engineering, Theology and Education.

#### **Beatriz Aguirre**

UC Merced Environmental Systems Merced, CA

Cornell University Ecology and Environmental Biology Ithaca, NY

#### Maria Cecilia Azar

UC San Diego Ethnic Studies and Literature San Diego, CA

UC Santa Cruz Literature Santa Cruz, CA

UC Davis English Davis, CA

University of Maryland Women Studies College Park, MA

University of Illinois, Chicago English Chicago, IL

University of Illinois, Urbana-Champaign English Champaign, Illinois

University of Wisconsin, Milwaukee English Milwaukee, MI

#### **Mariam Ayad**

UC Merced Environmental Sciences Merced, CA

#### **Brent Beadell**

University of Southern California Pharmaceutical and Translational Medicine
Los Angeles, CA

U. Missouri Mathematics Columbia. MO

#### John Deacon

University of California, Irvine Ph.D. in Political Science Irvine, CA

#### **David Fonth**

Ph.D. in Philosophy Rutgers University of California, Los Angeles University of Southern California Yale Cornell

#### **Christian Manuel Flores**

California State University, Los Angeles Doctoral in Education Los Angeles, CA

#### Marc Anthony Garcia

UC Santa Barbara Phd in Political Science Santa Barbara, CA

#### Jaxon Haug

Southern Methodist University Anthropology Dallas, TX

#### Sara Johnson

Ohio State University University of Florida Geography

#### Jessica Kromer

University of California, Los Angeles Pennsylvania State University CU Boulder Geography, PhD

#### Wendy Layco

Florida Atlantic University Comparative Studies Program Boca Raton, FL

#### **Christian Pelayo**

University of California, San Diego PHD in Climate Sciences San Diego, CA

#### Stephanie Perez

University of Illinois, Urbana Champaign Doctoral program in Media and Cinema Studies Champaign, IL

#### **Tyler Powell**

UC Riverside PhD Immunology

Riverside, CA UC Davis PhD in Immunology Davis, CA

#### **Cynthia Ramirez**

UC Merced Applied Math Merced, CA

UC Santa Cruz Applied Math Santa Cruz, CA

Utah State University Math & Statistics Logan, UT

#### **Admitted to Doctoral Programs**

#### **Edward Ramirez**

University of California San Diego Ph.D. program in **Electrical Engineering** San Diego, CA

**Cornell University Ecology and Environmental** Biology Ithaca, NY

#### Jocelyn Rodriguez

University of California, Los Angeles Molecular Biology Los Angeles, CA

**Brown University** Molecular Pharmacology Providence, RI

Baylor College of Medicine Cancer & Cell Biology Houston, TX

University of Pauda Italy Cell Biology Pauda, Italy

#### Brandon Sanchez

Penn State University PhD in History Centre County, PA

Chelsy Salas University of Illinois, Urbana-Champaign (UIUC) Geography and Geographic Information Systems (GIS) Urbana and Champaign, IL

#### John Salguero

Arizona State University PhD in Sustainability Tempe, Arizona

#### Nicole Sanfilippo

**Boston College** Ph.D. in Theology and Education Boston, MA

Graduate Theological Union Ph.D. in Historical and Cultural Studies/Sociology of Religion Berkeley, CA

Claremont Graduate University Ph.D. in Religion/Women's Studies Claremont, CA

#### **MORE Programs Students**

#### Juan Alejandro Leal Doblado

RISE MS-to-PhD Faculty Mentor: Dr. Cecilia Zurita-Lopez

UCLA, PhD Program in Physics and Biology in Medicine

#### Jocelyn Diane Rodriguez

NIH Bridges to the PhD Faculty Mentor: Dr. Cecilia Zurita-Lopez UCLA, PhD Program in Cell and Developmental Biology

#### Fernando Cano

NIH Bridges to the PhD Faculty Mentor: Amelia Russo-Neustadt UC Santa Barbara, PhD Psychological and Brain Sciences

#### Natalia Neris

NIH Bridges to the PhD Faculty Mentor: Dr. Frank Gomez UC Santa Barbara, PhD Program in Chemistry

#### T'awna Williams

RISE MS-to-PhD Faculty Mentor: Dr. Mitchell Eisen John Jay College, CUNY Graduate Center, PhD Program in Psychology and Law

#### Mary Villareal

RISE MS-to-PhD Faculty Mentor: Dr. Cecilia Zurita-Lopez University of Michigan, PhD Program in Chemical Biology

#### Paola Santibañez

RISE MS-to-PhD Faculty Mentor: Dr. Michael Hayes Baylor University, PhD Program in Genetics and Genomics

#### Amy Valentina Vasquez

RISE MS—to-PhD
Faculty Mentor: Dr. Eric Wood
Johns Hopkins University, PhD Program in Earth and Planetary
Sciences

#### Katia Salgado

RISE MS-to-PhD Faculty Mentor: Dr. Hyunsook Park UC Riverside, PhD Program in Microbiology

#### Vanessa Ramírez

RISE MS-to-PhD Faculty Mentor: Dr. Kaveri Subrahmanyam University of Vermont, PhD Program in Clinical Psychology

#### Karl Liboro

RISE MS—to-PhD Faculty Mentor: Dr. Hyunsook Park UC Riverside, PhD Program in Molecular Biosciences

#### Gloria Marquez

RISE MS-to-PhD Faculty Mentor: Dr. Kaveri Subrahmanyam
University of Central Michigan, PhD Program in Clinical Psychology

#### **Graduate Equity Fellowship Recipients**

The Graduate Equity Fellowship grant is designed to increase the number of graduate degrees awarded to economically disadvantaged CSU students, especially those graduate students that are underrepresented among graduate degree recipients in their discipline and to those who are disabled. This year, thirty-one (31) graduate students received a Graduate Equity Fellowship. These students have demonstrated potential to succeed in graduate school and to complete a graduate degree program in no more than two years.

Rebecca Amavizca

Social Work

Brenda Amaya

Latin American Studies

Mariam Ayad

**Environmental Sciences** 

Annabel Baltazar-Zarate

Social Work

Nicole Buenquechea

Psychology

Albert Jr. Dabney

Information System Professional

Sophia Dawidoff

Social Work

Ana Diaz

Social Work

Michelle Fanara

English

James Kenneth Feuer

TVFT/Acting

Paulette Hacopian

Psychology

Christina Iglesias

Anthropology

Neil Kohanski

Anthropology

Gilberto Lopez

Industrial Technology

Veronica Monarrez

Forensic Psychology

Marlen Pomposo

Social Work

Sandy Powe

Accounting

Michael Reyes

English

Chelsy Salas

Environmental Sciences

John Salguero

Environmental Sciences

Samantha Santamaria

English

Dinh Truong

Economics

Amy Vasquez

**Environmental Sciences** 

Alexandria Vickery

**Educational Foundations** 

**Brian Waldo** 

Anthropology

#### **Non-Resident Graduate Student Fee Waiver**

Non-resident tuition fee waivers are granted to non-resident graduate students who are either domestic non- resident students or citizens of a foreign country. Awardees must demonstrate exceptional scholastic ability and prior scholastic achievement, as well as financial need. Recipients receive a non-resident tuition fee waiver of up to 20 units with- in an academic year. Recipients must enroll in at least 10 semester units per term or be employed by the CSU for 20 hours or more a week, but less than full time. To maintain eligibility, awardees must remain classified as an International or non-resident student. This year eighteen (18) students received the Non-Resident Graduate Student Tuition Fee Waiver.

Nilla Dahlgren

English

Giorgia Florentino

Archaeology

Qais Waddah Ahmad Gabi

Healthcare Management

Anuveer Kaur

Computer Science

Yilei Liu

Multicultural/Multilingual

Joao Machado

Civil Engineering

Nanjesh Gowda Mandya Ramesh

Information System

Chantel Mason

Education: Reading

Aaron Matthews

Kinesiology

Monika Mishra

Information System

Kristen Powell

Communication

Pandian Rajaram

Computer Science

Matthew Stepan

Television and Film Studies

Sarah Tabassum

**Electrical Engineering** 

Keith Taylor

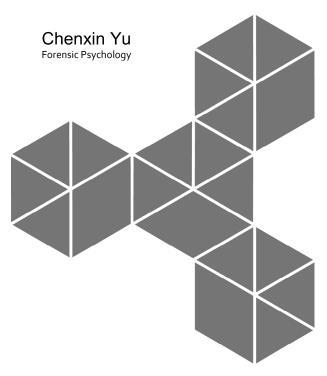
Community Health and Wellness

Amy Vasquez

Environmental Sciences

Shadia Weeks

Television and Film Studies



#### **Travel & Professional Development Grant**

This year, forty-two (42) graduate students received travel support through the Office of Graduate Studies (Student Success Fee funds) to present their work at conferences and for professional development purposes. The Travel Support for Student Presentations is a reimbursement program designed to encourage and assist Cal State LA graduate students whose work has been accepted for presentation at a professional or academic conference. Students funded through the program will receive partial reimbursement (up to 70%) of costs for travel, lodging, and conference registration in support of their presentation.

Graduate students also received partial reimbursement (up to 50%) of costs for travel, lodging, and conference registration to attend conferences, conventions and festivals to support their professional development. Examples of travel funds to support professional development include American Geophysical Union (AGU) Fall Conference; Society for Neuroscience; National Communication Association Annual Conference; South Central Conference on Mesoamerica; CSCI 2019 International Conference; 2020 Joint Mathematics Meeting; and the 9th Annual Center for Latin American and Caribbean Studies Graduate Student Conference.

Mariam Ayad Environmental Science

Jose Benavidez

Kinesiology

Sabrina Bensimon

Communication Studies

Selene Castillo

Communication Studies

Herbert Castillo

Biochemistry

Amy Chan

Anthropology

**Daniel Chang** 

Computer Science

**Angel Chavez** 

Mathematics

Jorge Cruz

Latin American Studies

Jose Cubias

English

Dalyapraz Dauletbak

Information System

Angie Enriquez

 ${\sf Geography}$ 

Emilio Estrada

Spanish

Tanvi Gawade

Information System

Alfredo Gonzales

Sociology

Hitoshi Horiuchi

Education

Christina Iglesias

Archaeology

#### **Travel & Professional Development Grant**

#### Christina Iglesias

Archaeology

#### Te'Juana Johnson

Television Film and Theatre

#### Sara Johnson

Geography

#### Carina Kaainoa

Engineering

#### Jessica Kromer

Geography

# Antonio Magana Mechanical Engineering

#### **Eduardo Martinez**

Engineering

#### Patricia Miramontes

Chicano/Latino Studies

#### Miguel Navarro

Engineering

#### Bea Joyce Parcutela

Biology

#### Christian Pelayo

Geological Science

#### Gabriela Perez

Psychology

#### Lucinda Perez

Applied & Advanced Studies in Education

#### John Reid

Music

#### Hedi Rezai

Sociology

# Chelsy Salas Environmental Science

#### John Salguero

Environmental Science

#### Tatev Sarkissyan

Psychology

#### Saar Shahar

English

#### **Taylor Stickle**

Communication

#### Aakansha Tagsaonkar

Information System

#### **Culminating Project Grant**

The Culminating Project to Support Completion of Thesis, Creative Activity, or Dissertation grant is a reimbursement program designed to support Cal State LA graduate student research or scholarship conducted towards completing a thesis, project, creative activity or dissertation. Students funded through this award will receive reimbursement for approved supplies, equipment, and services. This academic year, fifteen (15) culminating projects were funded to support a wide range of topics, such as:

"Seasonal plasticity of leaf functional traits of non-perennial stream in Southern California"; "Using NMR spectroscopy to elucidate the presence of a salt-bridge in the RKS mo- tif of histone 3"; "Parental involvement and the trajectory to mental health consequences"; and "Superman's Interview (a Short Parody Comedy Film).

#### Jolly Amber

Biology Seasonal plasticity of leaf functional traits of non perennial stream in Southern California

#### Rasem Alrashdi

Engineering

Process optimization for 3d printing cementitious materials

Faculty Mentor: Mosen Eshraqi

#### Nicole Benquechea

Psychology Religiosity, Sexism, & Self-Esteem Faculty Mentor: Heidi Riggio

#### Hektor Gusha

Psychology Relationships and sexuality attitudes and beliefs Faculty Mentor: Heidi Riqqio

#### Jonas Kulikauskas

Fine Arts

After Jesus

Faculty Mentor: Robert Martin

#### Juan Leal Doblado

Physics

Using NMR spectroscopy to elucidate the presence of a salt-bridge in the RKS motif of histone  ${\bf 3}$ 

Faculty Mentor: Dr. Claudia Kouyoundjian

#### Fernando Hernandez

Music

Making a Record, "Wher do All These Pieces Go?": The Blending of Electronic and Acoustic

Faculty Mentor: Cecilia Zurita-Lopez

#### Morgan Oyler

Economics

Building a 21st Century Los Angeles Faculty Mentor : Amelia Russo- Neustadt

#### Demi Kourtesi

Psychology
Examining Personality Traits Across Cultures
Faculty Mentor: Miles Finney

#### **Daisy Puga**

**Environmental Science** 

Models of Nutrient Biogeochemical Processes Derived from Hyporheic Zone Studies in Coastal California Watersheds Faculty Mentor: Barry Hibbs

Supasiri Rittiron Geosciences and Environment Potential Impacts of Wildfires on Soil and Water Chemistry in the San Gabriel Mountains, California Faculty Mentor: Andre Ellis

#### Jason Sanchez

Social Work

Parental involvement and the trajectory to mental health consequences Faculty Mentor: Anh-Luu Huyn-Hohnbaum

# Mary Villareal Chemistry

Solid-Phase Synthesis of Peptides based on PGC-1alpha, a Regulator of Cellular Metabolism

Faculty Mentor: Cecilia Zurita-Lopez

#### Alex Tzarax

Biology

Role of Yeast CAsein Kinase 2 in the Governing Hyphal Formation of Candida

Faculty Mentor: Hyunsook Park

#### Weishan Xiao

Television, Film, Theatre Superman's Interview (Short Parody Comedy Film) Faculty Mentor: Meredith Greenburg

#### **Authors on Publication**

This year, department chairs and faculty recommended for acknowledgement nine (9) graduate students who have published their work.

#### Maria Cecilia Azar

"Recycling Death: Post-Apocalyptic Tourism in the American West." Dark Tourism of the American West. Edited by Jennifer Dawes. New York: Palgrave MacMillan. September 2019. 157- 178

#### Claudia Barrulas Yefremian

Yefremian, C.M.B., Arvayza, J. & O'Brien, N.F. (2020). Talk to Amber. Case Research Journal (Special Issue on Women Entrepreneurs.

#### **Brent Beadell**

(Parducho, Beadell, et al. The Antimicrobial Peptide Human Beta-Defensin 2 Inhibits Biofilm Production of Pseudomonas aeruginosa without Compromising Metabolic Activity. Manuscript ID 510094)

#### Geoffrey Clifford

Clifford, G., and Hibbs, B., 2020, Evaluation of water isotopes and nutrient loading in urban runoff at a Southern California residential site: in Ahmad, S., ed., Be Smart and Sustainable: Don't Gamble with your Infrastructure: American Society of Civil Engineers, Reston, VA., in press (early June publication date).

#### Joshua Garrido

Preliminary Evaluation of Using Intelligent Compaction for Life Cycle Assessment and Life Cycle Cost Analysis of Pavement Structures in press by CRC Press / Balkema, Taylor & Francis Group

#### Anabela Kim

"Nutritional Aspect of Sex-dependent Difference in Heart Disease" by Anureet Kaur Shah, Anabela Kim and Carrie Adase for the book "Sex differences in Cardiovascular Disease" by Springer.

#### Carol Peralta

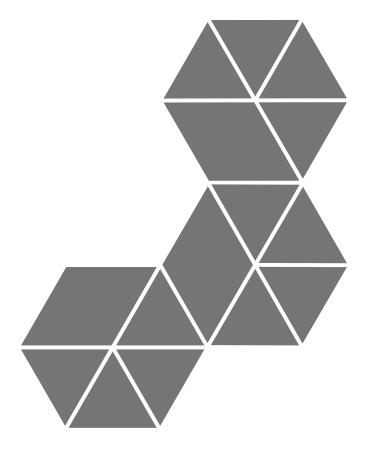
Comparison of bacteria and nutrient loading in subsurface storm drains receiving flows from groundwater seepage and dry weather urban runoff: in Ahmad, S., ed., Be Smart and Sustainable: Don't Gamble with your Infrastructure: American Society of Civil Engineers, Reston, VA., in press (early June publication date)

#### Arielle Steimer-Barragán

Steimer-Barragán, Arielle D. "Las viudas de las letras: Woman Printers in Colonial Mexico." In "Lineage. Fragments.
Futurity." Significations, English Department and the English Graduate Student Association, 2020

#### John Tamkin

R. De Salvo, M. Becker, T. Bennett, J. Blow, C.-L. Chang, S. Chao, F. Daneshgaran, L. Daneshgaran, L.-C. Kuo, S. Linker, M. Milovich- Goff, M. Mondin, B. Nayak, J. Neilson, H.-W. Pan, I. M. Pinto, M. Principe, E. Robinson, J. Tamkin, H. Themann, D. Zapata, "Problems Connected with Femptoscatterers in Dielectric Coating Mirrors for Gravitational Wave Detectors", Proc. of the 41st PIERS, Rome, Italy, June 17-20, 2019.



One hundred forty-seven (147) graduate students have presented their work at professional and academic conferences this year. Graduate students presented their scholarship at locations across the state and country, including: Los Angeles, CA; San Francisco, CA; College Park, MD; Waikoloa, HI; Chicago, IL; Baltimore, MD; Seattle, WA; Baton Rouge, IL; Denver, CO; Phoenix, AZ; and Las Vegas, NV. One graduate student (John English) presented his paper entitled "Microclimate amelioration and environmental gradients in Los Angeles, CA" in Belfast, Ireland.

#### Beatriz Aguirre

Plant physiological responses to experimental drought stress

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Josthin Amado Hernandez

Neoliberalism and the Weakening of Unions: The US, Guatemala, and the Central American Free Trade Agreement

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Jabran Amanat-Lee

The evolution from Classical Physics to Quantum Mechanics and an epistemological critique on the Many-Worlds Interpretation

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Oscar Armando

The Influence of Parental Socio-Emotional Support on Latino Students' Transition to Postsecondary Education

American Educational Research Association San Francisco, CA | April 18, 2020

#### Mariam Ayad

Identifying Stormwater Runoff Plumes and Sewage Spills in Tijuana River using Remote Sensing Observations

Remote sensing Analysis and Classification of Stormwater

First International Operational Satellite Oceanography Symposium College Park, MD | June 18-20, 2019

American Geophysical Union (AGU) Fall Conference San Francisco, CA | December 9-14, 2019

American Geophysical Union Ocean Science 2020 San Diego, CA | February 16, 2020

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Paula Ayala

Quetzal Beats: Centroamerica and the Dialectic Dissent in Globalized Black Sound- A Hip Hop Study

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Norman Bautista

"BevMo: Taking Credit for your own Success?""Humanyze: Behavior and Strategy Under Surveillance?"

Western Casewriters Association 2020 Waikoloa, Hawaii | March 19, 2020

#### Claudia Barrulas G Yefremian

Attitudes Toward Corporate Social Responsibility and The New Ecological Paradigm among Business Students in Southern California

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

Talk to Amber

Western Casewriters Association Waikoloa, Hawaii | March 19, 2020

#### **Brent Beadell**

Inhibition of Biofilm Formation of Pseudomonas aeruginosa by Human 6-Defensin 2 and Cholesteryl Linoleate is Accompanied by Ultrastructural Lesions of the Bacterial Surface

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Jose Benavidez

Can EEG explain obesity-related cognition during exercise?

Society for Neuroscience Chicago, Illinois | October19-23, 2019

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Sabrina Bensimon

Uncertainty in the Context of Disability Services

National Communication Association Annual Conference Baltimore, MD | November 14, 2019

#### Nicole Benquechea

Religiosity: Links with Sexism, Self-Esteem, and Self-Efficacy among Women and Men

Western Psychological Association San Francisco, CA | May 21-24, 2020

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Denia Bradshaw

Proactive Design and Inclusive Practice: Understanding Universal Design for Learning

American Educational Research Association (AERA) 2020 San Francisco, CA | April 20, 2020

#### Sushant Burde

Deep Reinforcement Learning to Navigate Autonomous Driving using Open Source Simulator Model

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Jayden Butler

Spectral Line Identification in the Class o Protostar IRAS 16293-2422

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Laura Castaneda

Using Progress Monitoring to Inform Academic Intervention in Reading Fluency

California Association of School Psychologists Annual Conference Palm Springs, CA | October 29, 2019

#### Herbert Castillo

Exploring the Chemoresistant Mechanistic Pathways of High Molecular Weight Darpp-32/t-Darpp Complexes

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Nayely Castrellón

An Archive of Muxer Resistance: Movidas, Activism, and Wisdom of Elders in the Old Timers of Southern California

National Association for Chicana and Chicano Studies Annual Conference Seattle, WA  $\mid$  April 16, 2020

#### Amy Chan

Analyzing Vertebral Osteoarthirtis in Maya Sacrificial Victims

South Central Conference on Mesoamerica Baton Rouge, Louisiana | October 18, 2019

#### **Daniel Chang**

Risk Prediction of Critical Vital Sans for ICU Patients using RNN

6th Annual Conf. on Computational Science & Computational Intelligence (CSCI)

Las Vegas, Nevada | December 5-7, 2019

#### **Angel Chavez**

Optimal Radio-k-labeling of trees

2020 Joint Mathematics Meeting (JMM) Denver, Colorado | January 15-18, 2020

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities

Los Angeles, CA | February 28, 2020

Minimal Risk Strategies for Poker Tournaments

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities

Los Angeles, CA | February 28, 2020

#### Yazmin Chavez

ASD, Parent and Students Participation, and Transitional Services

National Association of School Psychologists Annual Convention Baltimore, MD | February 18, 2020

#### **Danny Clemons**

Numerical Simulations of Paper-Based Fuel Cells

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities

Los Angeles, CA | February 28, 2020

#### Dyan Collings Ralph

Grownups Teaching Grownups: The Unique Characteristics and Challenges of the ADULT Teacher-Student Relationship in Second Language Acquisition

CATESOL 2019 San Jose, California | March 2, 2019

TESOL 2020 Denver, Colorado | March 31, 2020

#### Josiah Collins

Detection of Crystallite Formation in LIGO Dielectric Mirror Coatings Using Microscopy and Image Processing

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities

Los Angeles, CA | February 28, 2020

#### Jose Corado

High School Counseling Practices to Support Latino Gay First-Generation College Students Pursuing Postsecondary Education, The Brown Rainbow

Association for Jotería Arts, Activism and Scholarship Conference Portland, OR | October 12, 2019

#### Jorge Cruz

Reimagining Masculine Mexican Revolutionary Figures from a Queer Lens

9th Annual Center for Latin American and Caribbean Studies Graduate Student Conference Bloomington, Indiana | February 28-29, 2020

Queer Activism in Chile
The 28th Annual Cal State LA Student Symposium on Research,
Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Jose Cubias

Developing an English Studies Department

Imaging America 20th Anniversary National Gathering Albuquerque, New Mexico | October 18-19, 2019

#### John David Hope Dang Oen

Positive Peace and Service Learning in Education: Through the Lens of Educational Technology

Rotary World Peace Conference, 2020. Ontario, CA | January 17, 2020

#### Manuel Davila

A Kazhdan Constant Inequality With Isomorphic Graph Pairs

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities Los Angeles, CA | February 28, 2020

#### Dalyapraz Dauletbak

Traffic Analysis in LA County using Big Data and Predictive Analytics

Teradata Universe Conference 2019 Denver, Colorado | October 20-24, 2019

#### Sophia Dawidoff

Impact of Sexual Violence on Female Survivors' Mental Health

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities Los Angeles, CA | February 28, 2020

#### Laura Dickinson-Turner

Using Performance to Examine Performative Social Constructs: THRESHOLD

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities Los Angeles, CA | February 28, 2020

#### Frank Diemel

An isotopic investigation of the sources of recharge in the Coachella Valley aquifer system, Riverside County, California

2019 Annual National Meeting, Geological Society of America Phoenix AZ | September 22, 2019

#### John English

Effect of Urban Temperature Gradients on Grassland Microclimate Amelioration and Diversity

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

Microclimate amelioration and environmental gradients in Los Angeles, CA British Ecological Society Annual Meeting Belfast, Ireland | Deember 10, 2019

#### Angelica Enriquez

The Impact of Deforestation o Carbon and water resources in the Island of Borneo

American Geophysical Union (AGU) Fall Conference San Francisco, CA | December 9-14, 2019 28th Annual Student Symposium on Research, Scholarship and Creative Activities California State University, Los Angeles

#### Isabel Escobar

Wildfire impacts on hydrologic components in Southern California using ParFlow-CLM

American Geophysical Union (AGU) Fall Conference San Francisco, CA | December 9-14, 2019

Modeling wildfire impacts on hydrological processes using ParFlow- CLM

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Emilio Estrada

"Cavando en las entranas de la verdad: Bernal; hombre de Pluma y buena memoria"

5th Annual Interdisciplinary Conference in The Humanities Sacramento, California | October 26, 2019

#### Maya Evashkovsky

Strengthening Special Education Teams: Teachers and Paraeducators Supporting Each Other

CA Council for Exceptional Children Conference San Francisco, CA | October 12, 2019

#### Marlene Figueroa

Ethnic Differences and Similarities in Masturbation Experiences and Attitudes

2020 Annual Global Women in Data Science (WiDS) Conference Stanford, CA | March 2, 2020

Western Psychological Association San Francisco, CA | April 30- May 3, 2020

#### Luis Flores

Positive Peace and Service Learning in Education: Through the Lens of Educational Technology

Rotary World Peace Conference, 2020. Ontario, CA | January 17, 2020

#### Kerry Fogarty

Developing A Needs Analysis for a Community-based ESL Program CATESOL 2019
San Jose, CA | October 3-6, 2019

TESOL 2020 International Convention and English Language Expo Denver, Colorado | March 31, 2020

#### Adaly Garcia

Plasmonic-Based Imaging of Electrochemical Reactions at Individual Prussian Blue and Gold Nanoparticles

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Faviola Garcia

Knowledge of and attitudes toward the Bible: Links with Social Dominance Orientation and religiosity.

Western Psychological Association San Francisco, CA | May, 2020

#### Rosendo Garcia

Detection of Crystallite Formation in LIGO Dielectric Mirror Coatings Using Microscopy and Image Processing

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Bridget Garcia Vera

Half a Century of Chicana/o Studies at Cal State LA: Who We Are, Where We Came From, and Where We are Going

National Association for Chicana and Chicano Studies Annual Conference Seattle, WA | April 16, 2020

#### Joshua Garrido

Improving the Construction Quality of Unbound Pavement Layers using Intelligent Compaction Technology

Transportation Research Board (TRB) Annual Meeting Washington, DC | January12-16, 2020

#### Tanvi Gawade

A machine learning approach for prediction of length of stay for KID's inpatient database

IEEE Big Data 2019 Los Angeles, CA

#### Levon Ghabuzyan

Quantifying the Effects of Convective Heat Transfer on Photovoltaic Performance and Optimal Tilt Angle

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Bridget Garcia Vera

Critical Race Feminista Praxis: Working In-Community within Los Angeles Neighborhoods

Presented at: National Association for Chicana and Chicano Studies Albuquerque, NM | April, 2019

#### Ron Glickman

Preparing Latinx College Students for Leadership in California

American Educational Research Association San Francisco, CA | April 18, 2020

#### Rohan Goel

Linked Learning Communities of Practice (CoP): Creating Sustainable Change

California Higher Education Sustainability Conference, 2019. Santa Barbara, CA. | July 8, 2019

#### Alfredo Gonzales

Paradigm Shifts in Chicano and Latino Education

California Sociological Association Conference Sacramento, California | November15-16, 2019

#### Alfredo Gonzales

Detection of Crystallite Formation in LIGO Dielectric Mirror Coatings Using Microscopy and Image Processing

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Chantal Gossling

ASD, Parent and Students Participation, and Transitional Services

National Association of School Psychologists Annual Convention Baltimore, MD | February 18, 2020

#### Romy Griepp

Queering Young Adult Literature: Heteronormativity and Homonormativity in Modern YA Novels

Far West Popular Culture Association conference Las Vegas, Nevada | February 21, 2020

The Crisis of Mental Health in Higher Education: How Faculty and Administration can Improve Cal State LA Students' Coping Mechanisms and Emotional Well-Being

Southwestern Social Science Association conference San Diego, CA | May 30, 2019

#### **Hektor Gusha**

The Sexual Shame Scale: Links with sexual outcomes among LGBTO+ individuals

Western Psychological Association San Francisco, CA | May 21-24, 2020

Sexual Shame Among LGBTQ Adults

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Mike Harrison

Comparison of water chemistry issuing from springs in lined and unlined channels in urban areas, implications for stream restoration

2019 Annual National Meeting, Geological Society of America Phoenix AZ | September 22, 2019

#### Theresa Harvey

Knowledge of and attitudes toward the Bible: Links with Social Dominance Orientation and religiosity. Partnerships

Western Psychological Association San Francisco, CA| May, 2020

#### Alexandra Hernandez

Chemistry of Singlet Oxygen with Metal-Sulfur Nanoclusters Physical Quenching versus Chemical Reaction

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Zaide Hernandez

Political party, strength of identification, and knowledge of and attitudes toward Donald Trump.

Knowledge of and attitudes toward Donald Trump: Links with authoritarianism and related qualities.

Western Psychological Association San Francisco, CA | May, 2020

#### Irene Hernandez De La Cruz

Personality and Psychosocial Correlates of Happiness

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Brandon Hilliard

Unveiling the Origins of Dust Gaps and Ring Structure in Protoplanetary Disks

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Hitoshi Horiuchi

Developing a Needs Analysis for Community-Based Programs

The CATESOL Annual Conference San Jose, California | October 3-6, 2019

#### Christina Iglesias

Recontextualizing a Sacrificial Ossuary at Chichen Itza

South Central Conference on Mesoamerica Baton Rouge, Louisiana | October 18, 2019

#### Cody Ising

Computational design of sensitized combustion chemistry experiments

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
February 28, 2020

#### Fernando Jauregui

The Hidden Voices: Early European Writings of Brazilian Indigenous Voices

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Manson Johnson

A Collaborative Exploration of Power, Access, and Resource Distribution in Higher Education

Presented at the The 8th ACM MobiHoc2o18 Workshop on Pervasive Wireless Healthcare Workshop

Vancouver, Canada | November 24, 2019

#### Sara Johnson

Relationship between AIRS and SSM/I Water Vapor and TRMM

Presented at the CSUPOM 2019 Conference San Francisco, CA | December 9-14, 2019

#### **Amber Jolly**

Morphological and physiological variation in Yucca brevifolia and Hesperoyucca whipplei growing across different microhabitats in the Mohave Desert

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Jayden Joshi

Lung Cancer Nodule Detection Using Convolutional Neural Networks

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Suk Jung

Detection of Crystallite Formation in LIGO Dielectric Mirror Coatings Using Microscopy and Image Processing

2020 36 th Jim Isenberg PCGM (Pacific Coast Gravity meeting) Santa Barbara, CA | March 14, 2020

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities Los Angeles, CA | February 28, 2020

#### Carina Kaainoa

Foundational Challenges and Opportunities with Turning Data into Information for Grid Modernzation

International Energy anf Sustainability Conference 2019 Long Island, NY | October 18, 2019

#### Neil Kohanski

Acknowledging a Teeming Sacred Landscape: Rethinking Space South Central Conference on Mesoamerica Baton Rouge, LA | October 18, 2019

#### Jessica Kromer

Determining the impact of precipitation biases on the surface mass balance over Greenland

American Geophysical Union (AGU) Fall Conference San Francisco, CA | December 9-14, 2019

#### Lok Sang Lam

Designing a Curriculum for a Community-Based English-Learning Program

CATESOL 2019 Annual Conference San Jose, CA | October 3-6, 2019

TESOL 2020 International Convention and English Language Expo Denver, Colorado | March 31, 2020

#### Sharon Lanre-Orepo

"It's the Climb!": Academic and Social Burden Impacts Academic Self-Efficacy and Persistence in First-Year College Students

APS Annual Convention Chicago, IL | May 21-24, 2020

#### Wendy Layco

Acknowledging a Teeming Sacred Landscape: Rethinking Space

South Central Conference on Mesoamerica Baton Rouge, LA | October 18, 2019

#### Sara Lee

Understanding early career teachers' psychosocial well-being

National Association for School Psychologists Baltimore, MD | February 18, 2020

#### Reilly Loayza

The Garden of Music

American Anthropological Association Vancouver, Canada | November 24, 2019

#### Samantha Lopez

The Sexual Shame Scale: Various Facets Linked with Sexuality Outcomes

A Collaborative Exploration of Power, Access, and Resource Distribution in Higher Education Vancouver, Canada | November 24, 2019

#### Joann Ly

Data Analytics on Simulation Game Presenters

Self-efficacy as a romantic relationship partner: Links with sexual behaviors and outcomes.
San Francisco, CA | May, 2020

#### Erika Mcmullin

Determination of Sex Ratios from Midnight Terror Cave: A Commingle Skeletal Deposit

South Central Conference on Mesoamerica Baton Rouge, LA | October 18, 2019

#### Joao Machado

Comparison of Advanced Hydraulic Properties between Treated and Untreated Bauxite Residue

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Kathryn Joy Mak

A Big Data Application Model to Track Coronavirus Infected Patients: A Social Network and Spatial Analysis Approach

National Society of Hispanic Professional Engineers Phoenix AZ | October 3- November 3, 2019

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities

Los Angeles, CA | February 28, 2020

#### **Eduardo Martinez**

Competitive Adsorption of Nitrate and Phosphate on Iron Hydroxide Metals for Wastewater Treatment

National Society of Hispanic Professional Engineers Phoenix AZ | October 3- November 3, 2019

#### Aaron Matthews

High-intensity interval exercise while wearing a sauna suit increases Energy Expenditure

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Akilah Miller

Detection of Crystallite Formation in LIGO Dielectric Mirror Coatings Using Microscopy and Image Processing

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Joelyn Mims

Beyond a Pretty Face: The Cultural Significance of Ancient Egyptian Cosmetics

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Patricia Miramontes

Association for Joteria Arts Activism & Scholarship

Association for Joteria Arts, Activism and Scholarships Portland, Oregon | October 10-12, 2019

#### Alicia Moseley

"Invention/Invasion of Spaces"

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Angela Navata

Colorism and colonial mentality among Filipinos and Filipino Americans.

Western Psychological Association Annual Convention Pasadena, CA | April 25-29, 2020

#### Bhavna Nayak

Characterizing Crystallization at Higher Temperatures in Nanolayered Dielectric Coatings to Improve Mirrors in Gravitational-Wave Detectors

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Irene Ng

"BevMo: Taking Credit for your own Success?""Humanyze: Behavior and Strategy Under Surveillance?"

Western Casewriters Association 2020 Waikoloa, Hawaii | March 19, 2020

#### Michael Oropollo

"Building Positive Self-Concept and Prosocial Relationships Among Diverse At-Risk Adolescents"

CA Council for Exceptional Children Conference San Francisco, CA | October 12, 2019

#### Daniel Osoy

Flirting with Supremacy: Understanding Gay Attractions to White Nationalism

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Bea Joyce Parcutela

The Effects of Adenylate Kinase 4 in the Localization of AMPK and mTOR Pathways

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Pratik Parmar

Data Analytics on Big Data from Chicago Divvy Bike Sharing Programme

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities Los Angeles, CA | February 28, 2020

#### Christian Pelayo

Modeling PM2.5 Speciation Concentrations over California Using the MISR V23 Aerosol Product

American Meteorological Society 2020 Annual Meeting Date of Presentation: Jan 15th 2020

From MISR to MAIA: Applications of NASA Satellite Data to Airborne Particulate Matter Exposure and Human Health American Geophysical Union Fall 2019 Meeting Date of Presentation: Dec 10th 2019

#### Lucinda Perez

The Importance of Popular Culture & Literacy Outside of School

International Literacy Association
New Orleans, Louisiana | October 10-13, 2019

#### Nancy Perez

Understanding the Intersectional lived realities of 1.5 and 2 generation immigrants navigating higher education

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities Los Angeles, CA | February 28, 2020

#### Tyler Powell

The antimicrobial peptide Human Beta-Defensin 2 is highly effective against Mycobacterium smegmatis.

SACNAS 2019 Santa Clara, CA | January 16-18, 2020

Determining the mode of action of Human Beta-Defensin 2, an epithelial antimicrobial peptide, against Mycobacterium smegmatis

#### **CSUPERB**

Honolulu, Hawaii | October 29, 2019

#### Daisy Puga

Groundwater loading ot toxic trace elements to streams due to oxidation of Miocene marine strata 2019 Annual Meeting of National Groundwater Association Las Vegas, NV | Deember 3-5, 2019

#### Cynthia Ramirez

Continuous Mathematical Model of Tumor Growth

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities Los Angeles, CA | February 28, 2020

#### John Reid

Polytonality in Early Nineties Hip-Hop

2020 College Music Society Pacific Southwest Conference Flagstaff, AZ | March 13-15, 2020

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities Los Angeles, CA | February 28, 2020

#### Jacqueline Reyes

Positive Peace and Service Learning in Education: Through the Lens of Educational Technology

Rotary World Peace Conference, 2020. Ontario, CA. | January 17, 2020

#### Hedi Rezai

Does Parental Income and Parental Education Affect Respondents Education

Southwestern Social Science Association San Diego, CA | October 31- November 2, 2019

#### Jennifer Robles

Unpacking Colonial Mentality in Relation to the Ethnic Identity of Filipino Americans

Western Psychological Association Annual Convention San Francisco, CA  $\mid$  May, 2020

#### Gil Rodriguez

The Influence of Parental Socio-Emotional Support on Latino Students' Transition to Postsecondary Education

American Educational Research Association; San Francisco San Francisco, CA | April 18, 2020

#### Audra Whaley Ruben

Linked Learning Communities of Practice (CoP): Creating Sustainable Change

California Higher Education Sustainability Conference, 2019. Santa Barbara, CA | July 8, 2019

#### Chelsy Salas

Sensitivity of Regional Land-Atmosphere Coupling to Human Activity

American Geophysical Union (AGU) Fall Conference San Francisco, CA | December 9-14, 2019

#### John Salguero

Wildfire Trends over 30+ Years and its Relation to Climate Indices in the Western US

American Geophysical Union (AGU) Fall Conference San Francisco, CA | December 9-14, 2019

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities

Los Angeles, CA | February 28, 2020

#### Ivan Salladay-Perez

How Does AK4 Regulate Bioenergetics in Cancer?

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Jason Sanchez

Biological Father vs. Father Figure Involvement: Mental Health Implications

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities

Los Angeles, CA | February 28, 2020

#### Nicole Sanfilippo

Traditional Schools, the Juvenile Justice System, and the Experiences of LGBTQ/GNC Identified Individuals

American Educational Research Association San Francisco, CA | April 19, 2020

#### Tatev Sarkissyan

Examination of Impression formation of Victims of Child Abuse

American Psychological Association Chicago, Illinois | August 1, 2019

Perceptions of Victims of Childhood Physical and Sexual Abuse

Western Psychological Association Annual Convention San Francisco, CA | May, 2020

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Lucia Serio

Understanding early career teachers' psychosocial well-being

National Association for School Psychologists Baltimore, MD | February 18, 2020

#### Saar Shahar

The Fraught Enjoyment of Suffering in Cleanness and The Siege of Jerusalem

Pacific Ancient and Modern Language Association San Diego, CA | November 14-17, 2019

#### Shradha Ashokrao Shinde

New York Times Data Analysis Using Hive

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities Los Angeles, CA | February 28, 2020

#### Abdulrahman Fahad Sindi

Linked Learning Communities of Practice (CoP): Creating Sustainable Change

California Higher Education Sustainability Conference, 2019. Santa Barbara, CA. | July 8, 2019

#### Shiroya Smit

Deep Reinforcement Learning to Navigate Autonomous Driving using Open Source Simulator Model

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities Los Angeles, CA | February 28, 2020

#### Yasmeen Solano Rodriguez

Effects of Charged Residues on the Stabilization Role of Antifreeze Proteins on Alcohol Dehydrogenase

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities Los Angeles, CA | February 28, 2020

#### **Linray Song**

Data Analytics on Big Data from Chicago Divvy Bike Sharing Programme

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities Los Angeles, CA | February 28, 2020

#### Billy Bodin Sooksavath

Using ClassroomScreen to Engage Student & Facilitate the Classroom
TESOL 2020 Convention
Denver, CO | March 31, 2020 - April 3, 2020

#### Michiko Soto

Erasure and Resistance in Post-Maria Puerto Rico
The 2 th Annual Cal State LA Student Symposium on Research,
Scholarship and Creative Activities
Los Angeles, CA | February 2 , 2020

#### Arielle Steimer-Barragan

"Las viudas de las letras: Women Printers in Colonial Mexico" Rocky Mountain Council for Latin American Studies Las Cruces, NM | April 15-1, 2020

34rd CSU Student Research Competition ayward, CA | April 24-25, 2020

The 2 th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities Los Angeles, CA | February 2, 2020

#### Taylor Stickle

Surviving the Speech Situation: Applying Audience Analysis

National Communication Association 105th Annual Convention Baltimore, MD  $\mid$  November 14-17, 2019

#### Bita Sadat Faraji Tabrizi

New York Times Data Analysis Using Hive

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Aakansha Tagsaonkar

A machine learning approach for prediction of length of stay for KID's inpatient database

IEEE Big Data 2019 Los Angeles, CA | December 9-12, 2019

#### **Hector Teran**

Understanding early career teachers' psychosocial well-being

National Association for School Psychologists Baltimore, MD | February 18, 2020

#### Scarlette Tovar

Elucidating source waters and hydrochemical processes in a protected ecological habitat

2019 UCOWR/NIWR Annual Water Resources Conference Snowbird, UT | June 11, 2019

#### Hai Tran

Silver Brain: Forget bingo, start virtual cardio

Society for Neuroscience Chicago, Illinois | October19-23, 2019

Brain and muscle: the competition is on during exercise and virtual reality

Exercise as a New Strategy to Change Brain Oxygenation in Obese Individuals

You Better Be Active Even If You Play Virtual Reality Games

Virtual Reality Gaming as a Way to Increase Exercise-Induced Brain and Muscles Oxygenation for Young and Elderly individuals.

South West ACSM Newport Beach, CA | September 1, 2019

Brain oxygenation in response to virtual reality and exercise in aging

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Diana Trujillo

Spanish in the United States

5th Annual Interdisciplinary Conference in The Humanities Sacramento, California | October 26, 2019

#### Ambria Vasquez

Design Considerations for an Urban Intersection to Improve Safety and Reduce Congestion Using Diverging Diamond Interchanges

Presented at the "Migratory Poetics: Literature, Theory and Visual Cultures in Translation" Conference
Washington, DC | January 12-16, 2021

#### Melissa Venegas

Self-efficacy as a romantic relationship partner: Links with sexual behaviors and outcomes.

Western Psychological Association San Francisco, CA | May, 2020

#### Victoria Umana

Knowledge of and attitudes toward the Bible: Links with Social Dominance Orientation and religiosity.

Western Psychological Association San Francisco, CA | May, 2020

#### Alexandria Vickery

Towards a Pedagogy of Critical Joy: Assessing the Impact of a Joy-Based Education Program in its First Year

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Brian Waldo

Acknowledging a Teeming Sacred Landscape: Rethinking Space

South Central Conference on Mesoamerica Albuquerque, New Mexico | October 18, 2019

#### Hassan Walukonde

Positive Peace and Service Learning in Education: Through the Lens of Educational Technology

Rotary World Peace Conference, 2020. Ontario, CA | January 17, 2020

#### Paige Weiss

Disruption in the Nursery: Chemical defense of Californian sea slugs alters estuarine food webs

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### **Emerald Williams**

Racialized experiences and knowledge of Black and Latinx students studying abroad and at an HSI

American Educational Research Association San Francisco, CA | April 20, 2020

#### T'awna Williams

Biasing Effects of Exoneree Identification on Perceptions of Innocence and Responsibility

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities
Los Angeles, CA | February 28, 2020

#### Yuanxi Ye

Understanding the Unique Needs of Children with Visual Impairments and Autism Spectrum Disorder

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities

Los Angeles, CA | February 28, 2020

#### Rebecca Ying

Using a field-simulation approach to compare eyewitness performance when using showups vs. lineups under real world conditions.

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities

Los Angeles, CA | February 28, 2020

#### Joseph Zailaa

Contrasting physiological strategies to drought and salt stress in African and Asian rice.

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities

Los Angeles, CA | February 28, 2020

#### Lei Zhao

Cell cryopreservation by using antifreeze protein formulation

The 28th Annual Cal State LA Student Symposium on Research, Scholarship and Creative Activities

Los Angeles, CA | February 28, 2020

#### Jiabin Zhou

Using body weight support over ground tranning system to improve locomotion following contusion spinal cord injury.

Society for Neuroscience

Chicago, Illinois | October19-23, 2019

#### Houhou Kevin Xu

"BevMo: Taking Credit for your own Success?""Humanyze: Behavior and Strategy Under Surveillance?"

Western Casewriters Association 2020 Waikoloa, Hawaii | March 19, 2020

This academic year, eighty-seven (87) graduate students showcased their talents through dance, music and theatre performances, art exhibits and other special presentations.

#### Aldo Adame

Design, Development and Implementation and Testing of a millimeter wave phase antenna array channel sounder for 6thgeneration cellular networks employing drone-based communications

Los Angeles, CA

#### Nikita Aggarwal

Capturing Celestial Morphologies Los Angeles, CA

#### **Daisy Aguirre**

Cryoprotection of Model Enzymes using Beetle Antifreeze Protein from Dendroides canadensis Los Angeles, CA

#### Martha Allison

Predicting Soil Structure And Condition Using Recurrent Neural Network (RNN) at UTC-UTI Workshop

#### Rasem Alrashdi

Design, Development and Implementation and Testing of a millimeter wave phase antenna array channel sounder for 6thgeneration cellular networks employing drone-based communications

Los Angeles, CA

#### Maira Anaya Lopez

The Association Between Single Motherhood and Health in Women of Color Cal State LA Library

#### Christopher Aono

Community Organizing and Advocacy: A Look at Clean Air: Purple Air Sensors Los Angeles, CA

#### Ruben Aurdra Whaley

Linked Learning Communities of Practice (CoP): Creating Sustainable Change Santa Barbara, CA

#### Maria Cecilia Azar

Emotional Weight Performance Pittsburgh, PA

#### Isaac Cano

Quality Assurance for Web Systems Los Angeles, CA

#### Sarah Carlton

Voces Bilingües: Escritura Persuasiva y estudios étnicos San Francisco, CA

#### **Heidy Castellon**

The generation of markerless gene knock-out mutants in bnfA and bnfE genes in hypervirulent Acinetobacter baumannii LAC-4 Los Angeles, CA

#### Amy Chan

Analyzing Vertebral Osteoarthritis in Maya Sacrificial Victims Baton Rouge, LA

Strontium Isotope Testing of Deciduous Molars from Maya Sacrificial Victims Los Angeles, CA

#### Yazmin Chavez

ASD, parent and student participation, and transitional services Baltimore, MD

#### John David Hoe Dang Aoen

Positive Peace and Service Learning in Education: Through the Lens of Educational Technology Ontario, CA

#### Manuel Davila

Inequalities of Kazhdan Constants on Isomorphic Graph Pairs Denver, CO

#### Kevin Delao

Improving Machine Learning Accuracy for Prosthetic Devices Los Angeles, CA

#### Jose Diego

Evaluation of NASA soil moisture measurements with in situ data in the Western United States Los Angeles, CA

#### **Weston Ding**

Skills for the College Experience Los Angeles, CA

#### Keyur Dhawan

Use of Recycled Tire in Cementitious Materials for Additive Manufacturing of Concrete Infrastructure Los Angeles, CA

#### Angelica Enriquez

Impact of Deforestation and Peatland Drainage on Borneo's Water Resources using Remote Sensing Products Los Angeles, CA

#### Abdulrahman Fahad Sindi

Linked Learning Communities of Practice (CoP): Creating Sustainable Change

Santa Barbara, CA

#### Marlene Figueroa

Ethnic Differences and Similarities in Masturbation Experiences and Attitudes

Stanford, CA

#### Lizbeth Flores

Effect of d- δ Tocotrienol on HER2+ Breast Cancer – Mevalonate Suppressive Effect

Los Angeles, CA

#### Luis Flores

Positive Peace and Service Learning in Education: Through the Lens of Educational Technology Ontario, CA

#### Faviola Garcia

Knowledge of and Attitudes toward the Bible: Link with Social Dominance Orientation and Religiosity Los Angeles, CA

#### Joshua Garrido

Improving the Construction Quality of Unbound Pavement Layers using Intelligent Compaction Technology Washington, DC

#### Rohan Goel

Linked Learning Communities of Practice (CoP): Creating Sustainable Change

Santa Barbara, CA

#### Annjanae Gonzales

14th Annual Los Angeles Women's Task Force HIV/AIDS Treatment Summit

Los Angeles, CA

#### Chantal Gossling

ASD, parent and student participation, and transitional services Baltimore, MA

#### Paulette Hacopian

The Associations among Trauma, Health, and Mental Health Therapy Los Angeles, CA

#### Jaxson Haug

Gendered Faces: Male-to-Female Transgender Facial Feminization Surgeries as Applied to Sex Estimation in Forensic Anthropology Los Angeles, CA

#### Christina Iglesias

Interpreting a Subterranean Feature at Chichen Itza. Paper to be presented at the 85th Annual Meeting of the Society for American Archaeology, Austin, Texas, April 10-14. 2020. Austin, TX

Recontextualizing the Osario Infantil at Chichen Itza Baton Rouge, LA

#### Sergio Iglesias Jimenez

Incorporation of Bipyridine-Ruthenium based Metal-Organic Frameworks in Photovoltaic Cells Los Angeles, CA

#### Amel Kebir

Strengthening Community Engagement and Emotional Support in the Latinx Community through the use of the Promotor/a Model San Francisco, CA

#### Neil Kohanski

Acknowledging a Teeming Sacred Landscape: Rethinking Sascaberas Baton Rouge, LA

#### Sharon Lanre-Orepo

"It's the Climb!": Academic and Social Burden Impacts Academic Self-Efficacy and Persistence in First-Year College Students Chicago, IL Los Angeles, CA

#### Wendy Layco

Acknowledging a Teeming Sacred Landscape: Rethinking Sascaberas Baton Rouge, LA

#### Anna Larionova

Choose an opsin: natural selection and compressibility of opsins in Lake Baikal sculpin Ontario, CA

#### Beverly Lee

Incorporation of Bipyridine-Ruthenium based Metal-Organic Frameworks in Photovoltaic Cells Denver, CO

#### Joann Lv

Self-Efficacy as a Romantic Relationship Partner: Links with Sexual Behaviors and Outcomes Los Angeles, CA

#### Eduardo Martinez

Binary adsorption of nitrate and phosphate on iron hydroxide minerals for wastewater treatment Los Angeles, CA

#### Erika McMullin

Determination of Sex Ratios from Midnight Terror Cave: A Commingle Skeletal Deposit Baton Rouge, LA

Determination of Sex Ratios Using the Proximal Femur from Midnight Terror Cave, A Commingle Skeletal Deposit. Los Angeles, CA

#### Claudia Ocholski

Psychosocial Correlates of Substance Use in a High-Risk Sample of Adolescents, Los Angeles, CA

#### Akilah Miller

MOF Derived Porous TiO<sub>2</sub> for the Use of Highly Efficient Photovoltaics Los Angeles, CA

#### Alicia Mosely

Dances of Protest Los Angeles, CA

Artnight Pasadena: Dance Alumni Showcase Pasadena, CA

#### Volodia Muradyan

pSmad2 (SMOX) and the  $TGF-\beta$  Pathway Zoom Meeting

#### Daniel Olivares Zambrano

Finding the right home: Depth as a driver of adaptive evolution in the genus Sebastes Los Angeles, CA

#### Cristi Perez

Comparing Parent and Teacher Responses of Multilingual Child Literacy Performances Los Angeles, CA

#### Christian Pelayo

Estimating PM2.5 speciation concentrations over California using MISR V23 data" at the MISR MISR Science Team Meeting Feb 12th 2020

#### Leslie Plesetz

Comparing Parent and Teacher Responses of Multilingual Child Literacy Performances Los Angeles, CA

#### Neil Poole

Investigating the involvement of Drosophila Smad2 in wing growth and development.

Los Angeles, CA

#### Dilip Prajapati

Development of Pervious Concrete Pavements by using Recycled Plastic Fiber (Polyethylene Terephthalate) Los Angeles, CA

#### Michael Prout

Recontextualizing the Osario Infantil at Chichen Itza Baton Rouge, LA

#### Cynthia Ramirez

Continuous Mathematical Model of Blood Vessel Formation Denver, CO

Mathematical Model of Blood Vessel Formation Big Bear, CA

#### Jesse Ramirez

Voces Bilingües: Escritura Persuasiva y estudios étnicos

#### Jacqueline Reyes

Positive Peace and Service Learning in Education: Through the Lens of Educational Technology

Ontario, CA

#### Supasiri Rittiron

Potential Impacts of Wildfires on Soil and Water Chemistry in the San Gabriel Mountains, California

#### Kraig Saito

Prospectus: The Association Between Health Behaviors, Patient-Provider Quality, and Mental Health Outcomes in Young Adult Men of Color Los Angeles, CA

#### Jason Sanchez

Father vs. Father Figure Involvement: Mental Health Implications Los Angeles, CA

#### Liliana Sanchez Coronado

First Language Development and Attrition in Young Children Attending a Head Start Center Los Angeles, CA

#### Loraine Sandoval Ascencio

Gas Dynamics in the Outer Disk Regions and Flow of Accreting Material Los Angeles, CA

#### Joshua Sosha

Terpyridine-Ruthenium based Metal Organic Frameworks and their Application in Photovoltaic Cells Los Angeles, CA

#### Arielle Steimer-Barragán

Women Printers in in Sixteenth-Century Mexico Los Angeles, CA

#### **Chad Thomas**

Analysis of Casein Kinase 2 for a Potential Role in Craniofacial Development Los Angeles, CA

#### Cindy Toscano

Manipulating the Antimicrobial Effector Molecule Response of Alveolar Type II Cells through Pro-inflammatory Cytokines Los Angeles, CA

#### Victoria Umana

Knowledge of and Attitudes toward the Bible: Link with Social Dominance Orientation and Religiosity Los Angeles, CA

#### Eduardo Vargas

Data Quality Assurance for Data Mining and Systems Health Los Angeles, CA

#### Amy Vaquez

The influence of urban park features and the surrounding cityscape on biodiversity across a socioeconomic gradient Los Angeles, CA

#### Melissa Venegas

Self-Efficacy as a Romantic Relationship Partner: Links with Sexual Behaviors and Outcomes Los Angeles, CA

#### Brian Waldo

Acknowledging a Teeming Sacred Landscape: Rethinking Sascaberas
Baton Rouge, LA

A GIS Approach to Assess the Water Resources at Chichen Itza Austin, TX

#### Hassan Walukonde

Positive Peace and Service Learning in Education: Through the Lens of Educational Technology
Ontario, CA

#### **Justine West**

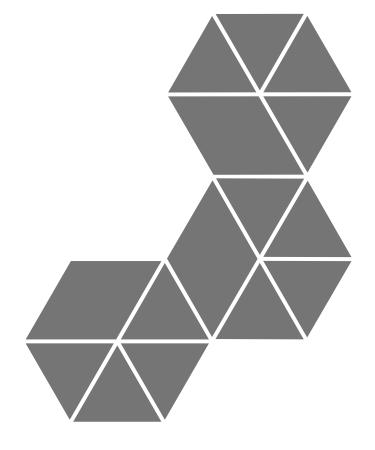
Capturing Celestial Morphologies Los Angeles, CA

#### Gravesteijn Wouter

Magnetic properties of a Metallic organic framework (MOF) via NMR Los Angeles, CA

#### Amanda White

Examining DYRK1B's Involvement in Craniofacial Development via Conditional Knock-out Los Angeles, CA



#### Cal State LA Grad Delegates for The CSU Student Research Competition

Seven (7) graduate students were selected to represent Cal State LA at the CSU system-wide Research, Scholarship and Creative Activities competition. The Competition was held virtually, on April 24<sup>th</sup> and 25<sup>th</sup> at CSU East Bay. The event is held annually to recognize student accomplishments in research, scholarship, and creative activities, and to provide a forum for our students to gain experience in delivering a professional presentation. Our graduate student scholars presented research across a range of disciplines including Biology, Social Work, Latin American Studies, Television, Film, and Theatre, Interdisciplinary Studies, and Psychology.

Congratulations to Tatev Sarkissyan who won 1<sup>st</sup> Place in Behavioral and Social Sciences. Her research examined Perceptions of Victims of Childhood Physical and Sexual Abuse. Her faculty mentor is Dr. Heidi Riggio.

We also congratulate Arielle Steimer-Barragan who won 2<sup>nd</sup> place in Humanities and Letters. Her research was entitled "Las viudas de las letras: Women Printers in Colonial Mexico." Her faculty mentor is Dr. Kittiya Lee.

# Behavioral and Social Sciences

#### Jason Sanchez

Master of Social Work Biological Father vs. Father Figure Involvement: Mental Health Implications

Faculty Mentor: Anh-Luu Huynh-Hohnbaum

#### Tatev Sarkissyan

M.A. Psychology Perceptions of Victims of Childhood Physical and Sexual Abuse Faculty Mentor: Robert Weide

#### **Daniel Osoy**

M.A. Interdisciplinary Studies
Flirting with Supremacy: Understanding Gay Attractions to White
Nationalism
Faculty Mentor: Heidi Riqqio

# Biological and Agricultural Sciences

#### **Brent Beadell**

M.S. Biology

Inhibition of Biofilm Formation of Pseudomonas aeruginosa by Human &-Defensin 2 and Cholesteryl Linoleate is Accompanied by Ultrastructural Lesions of the Bacterial Surface Faculty Mentor: Edith Porter

#### John English

M.S. Biology Effect of Urban Temperature Gradients on Grassland Microclimate Amelioration and Diversity

### Creative Arts and Design

#### Laura Dickinson-Turner

M.F.A. Television, Film, and Theatre
Using Performance to Examine Performative Social Constructs:
THRESHOLD

Faculty Mentor: Tanya Kane- Perry

#### **Humanities and Letters**

#### Arielle Steimer-Barragan

M.A. Latin American Studies
"Las viudas de las letras: Women Printers in Colonial Mexico"
Faculty Mentor: M. Kittiya Lee

A special thanks to the Office of Research, Scholarship, and Creative Activity for supporting our graduate students.

#### **Special Awards and Recognitions**

Faculty were invited to nominate graduate students to be recognized for receiving special awards or recognition in their discipline. Graduate students were acknowledge for their academic excellence and won fellowships from various institutions to further their re-search and professional experience in their fields. Graduate students also won academic and artistic competitions and represented Cal State LA in different competitions such as the Cal State LA Board of Directors Mock Budget Hearings, and the International Colle-giate Business Strategy Competition.

#### Diana Aghaward

Case Study Presentation Winner at the Cal State LA Board of Directors Mock Budget Hearings to solve community health problems Faculty Mentor: Barrington Hunt

#### Mariam Ayad

NASA JPL Internship Award Faculty Mentor: JingJing Li

#### Paula Ayala

Current Semi-Finalist for Fullbright US Student Program – English Teaching Assistant Award in Brazil Faculty Mentor: Ericka Verba

#### **Brent Beadell**

First Prize oral presentation during the 28th Annual Student Symposium on Research, Scholarship, & Creative Activities Faculty Mentor: Edith Porter

#### Claire Berstein

Case Study Presentation Winner at the Cal State LA Board of Directors Mock Budget Hearings to solve community health problems Faculty Mentor: Barrington Hunt

#### Nicole Bixenman

Case Study Presentation Winner at the Cal State LA Board of Directors Mock Budget Hearings to solve community health problems Faculty Mentor: Barrington Hunt

#### **David Cardiel**

International Collegiate Business Strategy Competition (April 2020) Faculty Mentor: Laura Whitcomb

#### Nayely Castrellón

2019-2020 CLS Department Mentoring Fellowship 2020 NACCS Chicana Caucus Student Conference Scholarship Faculty Mentor: Dolores Delgado-Bernal

#### Michelle De Luna

Research Fellowship: JPL Year-Round Internship (Two-Year Extension) Fall 2019-Spring 2021
NASA Jet Propulsion Laboratory (NASA JPL)

#### Giovanna Diaz

2019-2020 CLS Department Mentoring Fellowship Faculty Mentor: Dolores Delgado-Bernal

#### Laura Dickinson-Turner

Association for Theatre in Higher Education/ KCACTF Innovative
Teaching Award
2nd Overall Oral Presentation Phi Kappa Phi
Campus Delegate in Creative Arts to the 34th CSU Student Research
Competition
Outstanding Presentation Award, Creative Arts Faculty
Mentor: Meredith Greenburg

#### Frank Diemel

Outstanding Poster Award, South Coast Geological Society Faculty Mentor: Barry Hibbs

#### Holly Chen

Case Study Presentation Winner at the Cal State LA Board of Directors Mock Budget Hearings to solve community health problems Faculty Mentor: Barrington Hunt

#### Adam Ferguson

Association for Theatre in Higher Education/ KCACTF Innovative Teaching Award 2nd Overall Oral Presentation Phi Kappa Phi Campus Delegate in Creative Arts to the 34th CSU Student Research Competition
Outstanding Presentation Award, Creative Arts Faculty Mentor: Meredith Greenburg

#### Bridget Garcia Vera

2019-2020 CLS Department Mentoring Fellowship Faculty Mentor: Dolores Delgado-Bernal

#### Joshua Garrido

Eisenhower Transportation Fellowship awarded by USDOT Federal Highway Transportation Faculty Mentor: Mehran Mazari

#### Romy Griepp

David Miller Scholarship

#### Lisa Jarvis-Gaines

Case Study Presentation Winner at the Cal State LA Board of Directors Mock Budget Hearings to solve community health problems Faculty Mentor: Barrington Hunt

## Special Awards and Recognitions

#### Maria Kizilova

Case Study Presentation Winner at the Cal State LA Board of Directors Mock Budget Hearings to solve community health problems Faculty Mentor: Barrington Hunt

#### Gore Khachatrian

Case Study Presentation Winner at the Cal State LA Board of Directors Mock Budget Hearings to solve community health problems Faculty Mentor: Barrington Hunt

#### Neil Kohanski

Margaret & Philip New Scholarship Faculty Mentor: Dr. James Brady

#### Ma Ledi Ham Loot

2019 Graduate Alumni Scholarship for Superior and Distinguished Scholarship, Leadership and Academic Achievement Case Study Presentation Winner at the Cal State LA Board of Directors Mock Budget Hearings to solve community health problems International Collegiate Business Strategy Competition (April 2020) Faculty Mentor: Barrington Hunt

#### Medrick Minassian

International Collegiate Business Strategy Competition (April 2020) Faculty Mentor: Laura Whitcomb

#### Wenny Nguyen

Case Study Presentation Winner at the Cal State LA Board of Directors Mock Budget Hearings to solve community health problems Faculty Mentor: Barrington Hunt

#### Andrea Ogaz

Begole Archaeological Research Grant, Anza Borrego Foundation Faculty Mentor: James Brady

#### **Edgar Orozco**

American Psychological Association Services for Transition Age Youth (STAY) Fellowship Faculty Mentor: Elina Saeki

#### Carol Peralta

NSS Outstanding Graduate Student Award, CSULA Faculty Mentor: Barry Hibbs

#### Angelica Perez

NASA internship at Jet Propulsion Laboratory June 4, 2019 - August 9,2019

#### Fiona Phan

Case Study Presentation Winner at the Cal State LA Board of Directors Mock Budget Hearings to solve community health problems Faculty Mentor: Barrington Hunt

#### Tyler Powell

2020 CSUPERB Don Eden Graduate Student Research award 2019 Emeriti Association Fellowship for Academic Excellence Faculty Mentor: Edith Porter

#### Nick Rivas

2019-2020 CLS Department Mentoring Fellowship Faculty Mentor: Dolores Delgado-Bernal

#### Chelsy Salas

Invited to talk to JPL Management 8/8/2019 University of Illinois, Urbana-Champaign (UIUC) Graduate College Fellowship 2/14/2020 Jet Propulsion Laboratory (JPL) Internship 6/3/2019 – 05/15/2020

#### Jocelyn Rodriguez

Best Oral Presentation in the Life Sciences – Cancer Biology, 2019 SACNAS National Meeting Faculty Mentor: Nathan Lanning

#### Diana Sainz

Case Study Presentation Winner at the Cal State LA Board of Directors Mock Budget Hearings to solve community health problems

Faculty Mentor: Barrington Hunt

#### Jennifer Saucedo

Case Study Presentation Winner at the Cal State LA Board of Directors Mock Budget Hearings to solve community health problems

Faculty Mentor: Barrington Hunt

#### Natalie Shirinian

Case Study Presentation Winner at the Cal State LA Board of Directors Mock Budget Hearings to solve community health problems

Faculty Mentor: Barrington Hunt

#### Arielle Steimer-Barragán

CSU Student Research Competition 2020 Winner
Outstanding Oral Presentation in Humanities and Letters; Selected as CSU
Delegate at CSU Statewide Student Research Competition Faculty
Mentor: Ericka Verba

#### **Charles Tobin**

Case Study Presentation Winner at the Cal State LA Board of Directors Mock Budget Hearings to solve community health problems

Faculty Mentor: Barrington Hunt

#### Cindy Toscano

First Prize Poster presentation 28th Annual Student Symposium on Research, Scholarship, & Creative Activities Faculty Mentor: Edith Porter

#### Karina Vargas

2019-2020 CLS Department Mentoring Fellowship Faculty Mentor: Dolores Delgado-Bernal

#### Peggy Williams

Case Study Presentation Winner at the Cal State LA Board of Directors Mock Budget Hearings to solve community health problems

Faculty Mentor: Barrington Hunt

# **Special Awards and Recognitions**

#### Cory Winner

International Collegiate Business Strategy Competition (April 2020) Faculty Mentor: Laura Whitcomb

Curtis Young International Collegiate Business Strategy Competition (April 2020) Faculty Mentor: Laura Whitcomb

We are recognizing faculty mentors by profiling one from each college. These faculty mentors were nominated by their student mentees and their colleagues highlighting their mentorship activities that promote graduate student research, scholarship and creative activity. These honorees were carefully chosen after thorough evaluation by their respective colleges.

#### Dr. Kristina Ruiz-Mesa

#### College of Arts and Letters

Department of Communication Studies

Dr. Ruiz-Mesa is currently the Director of the Basic Course (COMM) and the Teaching Associate (TA) Supervisor since fall 2014. She mentors and trains 14-18 TAs annually, the largest number of TAs in the College of Arts & Letters. Dr. Ruiz-Mesa encourages students to submit their work to the *National Communication Association* (NCA) conference. In the last 3 years, her mentees presented over 20 papers at NCA. Her mentoring is rooted in a commitment to improving educational access and equity, and is marked by patience, kindness, and encouragement. She constantly encourages students to explore, enjoy and excel in the world of academia, and beyond. Many of her students are admitted to some of the top doctoral programs in the country and published scholarly articles. As someone committed to critical communication pedagogy designed to incorporate and value student experiences in her mentoring, Dr. Ruiz-Mesa commits substantial time and care in all of her mentoring.

#### Message from the Dean of the College of Arts and Letters, Dr. Linda Essig:

Dr. Kristina Ruiz-Mesa was recently promoted – early – to associate professor in the Department of Communication Studies. Since joining the Cal State LA faculty in 2014, Dr. Ruiz-Mesa has coordinated our Basic Course in Oral Communication, which has meant mentoring many graduate students the unique skills involved in teaching oral communication. Her research on inter-cultural communication is published in journals such as Journal of Communication Pedagogy and Learning in Higher Education. She is a frequent presenter, sometimes in collaboration with her graduate students, at national and international conferences including the National Communication Association and others. Congratulations to Dr. Kristina Ruiz-Mesa for her many accomplishments, and most especially for mentoring the next generation of Communication Studies scholars and educators.

#### Dr. Maria Karafilis

#### College of Arts and Letters

Department of English

Professor Karafilis's commitment to student success starts in the classroom. Her dedication to helping students is evident in her commitment to the success of student's writing and professionalization during and after the graduate program. She motivates students to expand their professional network, CV, and scholarly skills by encouraging them to attend conferences. Every year she urges students to form panels during the English Graduate Student Association, "Significations", where she coordinates and arranges the schedule of presentations. Her strength as a mentor comes from her ability to listen to students and help them reach their goals. Professor Karafilis is prompt to respond to students about all matters related to their academic success and guide them towards their goals. Professor Karafilis's mentorship makes students begin to regard themselves as scholars.

#### Message from the Dean of the College of Arts and Letters, Dr. Linda Essig:

Dr. Maria Karafilis has been on the faculty of the Department of English for almost twenty years. A specialist in Nineteenth-century American Literature, Dr. Karafilis's current research focuses on ethics in early nineteenth century literature and, following a second string of inquiry, temporal derangement in the works of Nathaniel Hawthorne. In addition, she is currently director of the American Communities Program, the University's interdisciplinary public humanities center. Her scholarly rigor combined with her dedication to students has made her a much sought-after mentor of graduate students, including a current Sally Casanova pre-doctoral scholar. Dr. Karafilis exemplifies the teacher/scholar/public humanist model at the core of the College of Arts & Letters. The many successes of your students are the mirror of your ability as a mentor — Congratulations!

We are recognizing faculty mentors by profiling one from each college. These faculty mentors were nominated by their student mentees and their colleagues highlighting their mentorship activities that promote graduate student research, scholarship and creative activity. These honorees were carefully chosen after thorough evaluation by their respective colleges.

#### Dr. Jongwook Woo

#### College of Business and Economics

Department of Information Systems

Professor Woo teaches students and develops their skill in the study of Big Data Analysis and Prediction. This academic year, he mentored 33 graduate students. Professor Woo encourages students to participate in and present their research at the Research, Scholarship and Creative Activities Symposium held on campus and at "Women in Data Science" (WiDS). His students have published at international conferences and in scholarly journals. Students leverage the rich research experiences they receive under his mentorship to successfully join industry or advanced degree programs.

#### Message from the Dean of the College of Business and Economics, Dr. Tye Jackson:

Dr. Jongwook Woo has been a faculty member at Cal State LA for 18 years in the College of Business and Economics' (CBE)
Department of Information Systems at Cal State LA. He has successfully mentored students of which one received the best paper award at The 14th Asia Pacific International Conference on Information Science and Technology (APIC-IST 2019). Dr. Woo is a noted scholar and has published articles on big data and data science. Recently, his faculty-student team research received recognition. The research team created an interactive data visualization dashboard that forecasts the number of COVID-19 cases and deaths by region in the U.S. and around the world. Please join me in congratulating Dr. Jongwook Woo as this year's CBE's Faculty Mentor Honoree.

#### Dr. Adelaide Doyle-Nichols

#### Charter College of Education

Division of Applied and Advanced Studies in Education

Dr. Doyle-Nichols supported students from the Education and Technology Leadership program to be active in the Research and Scholarly Sym- posiums such as ORSCA, the Arcadia Innovation Summit, and the Adobe Summit. She has been active in guiding students to present their work. She also students to publish their scholarly activity as well. Professor Doyle-Nichols fully supports student to conduct independent research. Due to the recent public health COV-19 emergency, Professor Doyle-Nichols has served as a critical source of knowledge for using Canvas, Zoom, Camtasia for screen casting, and other software and web resources to ensure an optimal online learning experience. Her role in this program is indispensable and deserves to be honored especially for its contribution to our globalized technological society.

#### Message from the Dean of the Charter College of Education, Dr. Cheryl Ney:

Dr. Doyle-Nichols is a fearless innovator in the use of educational technology! She shares her excitement about new technologies with the CCOE students and school teachers she encounters. She is a professor in the Division of Applied and Advanced Studies in Education in the Charter Col-lege of Education. She began teaching at Cal State LA, her alma mater for her bachelor's, and Master's degrees, in 1990, after receiving her Ph.D. from USC in 1997 and a 15 year career as a High School Band and Orchestra Director.

She teaches courses in Educational Technology Leadership and the E-Learning and New Media Design. She also teaches courses in the Graduate Certificate Program in Online Teaching and Learning and Computer Applications in Schools. With her colleague, Dr. Javeri, she has been a major architect in the soon to be launched first fully online degree program at the University—an MA in Educational Technology!

Her research interests include use of virtual reality, augmented reality, educational technology, e-learning and the integration of these technologies into teacher education-- preparing educators for 21st century learning and thus impacting thousands of youth!

We are recognizing faculty mentors by profiling one from each college. These faculty mentors were nominated by their student mentees and their colleagues highlighting their mentorship activities that promote graduate student research, scholarship and creative activity. These honorees were carefully chosen after thorough evaluation by their respective colleges.

#### Dr. He Shen

#### College of Engineering, Computer Science and Technology

Department of Mechanical Engineering

Dr. He Shen is currently an Assistant Professor in the Department of Mechanical Engineering (ME). His research interests are in dynamics and controls; robotics and autonomous systems; modeling and simulation; mechatronics and instrumentation; image processing and computer vision. Dr. Shen is a thoughtful and reflective educator who is committed to transforming the educational experience for our students through meaningful learning experiences inside and outside of class. He is a strong researcher in the field of robotics and an excellent mentor to a wide variety of students, including high school students, undergraduates at all levels, and MS students. Dr. Shen is an active advocate of project-based experiential learning. In addition to incorporating real-world projects into his robotics and control courses, he has engaged more than 30 students in research activities and many more in activities related to engineering projects in student organizations – all focused around robotics. He is an active faculty advisor for several student organizations, including co-founding and leading the multi-disciplinary RoboSub competition team. Dr. Shen is truly an outstanding teacher and mentor to faculty and students alike. Two of his most recent MS students have gone on to engineering PhD programs at Purdue University and McGill University, after co-authoring several papers and presenting at multiple conferences. Multiple other students are working at JPL, or in robotics or vehicle industries.

#### Message from the Dean of the College of Engineering, Computer Science, and Technology, Dr. Emily Allen:

Dr. He Shen is an outstanding educator. He has successfully experimented with flipped classrooms and other forms of active learning in his engineering classes, and never stops trying to improve the effectiveness of his teaching. He mentors multiple groups of students, formally in his research lab, as well as informally in the club environment of two student competition teams, both focused on robotics and autonomous vehicles. He is a highly innovative colleague, committed to the success of our undergraduates as well as our graduate students. In the words of his graduate students, ""Dr. Shen's positive attitude, outlook, and selflessness greatly impacted my goals of achieving graduate education as a first generation student. I wouldn't be where I am today without his advice and leadership. I gravitated towards his idea of endless learning, which was simple yet instrumental; his support as my advisor, mentor, and friend was and still plays a vital role in my success. His ability to engage students in academics, leadership, and teamwork resonates as former and current students look to inspire their peers as he did with us."

# **Dr. Ailish Sheard**College of Health and Human Services

School of Kinesiology, Nutrition and Food Science

Dr. Sheard developed the Environmental Physiology Lab and curriculum in the School of Kinesiology, Nutrition, and Food Science. Dr. Sheard's contribution has helped strengthen the program by creating opportunities for students to learn about this field and to conduct research. Her instruction in KIN 5040: Research Design has improved the overall development of research ideas for many students in our program. She also supports students in obtaining financial support for their research. Dr. Sheard is well-rounded in the field of kinesiology and nutrition in a way that allows her to give constructive feedback on these students' research proposals and literature reviews, which certainly support intellectual growth and overall student success.

#### Message from the Dean of the Rongxiang Xu College of Health and Human Services, Dr. Ron Vogel:

Dr. Ailish Sheard's impact on Kinesiology master's students has been significant. She has been committed to student success for years and understands that working closely with graduate students both in class and helping to guide them through their research activities is critical to their growth. She spends a great deal of time and energy working with students and we are proud that she is honored with this award. One of her students remarked that, "Dr. Sheard's advice and guidance set me up for success as a graduate student and now as a teacher". Another thanked her for, "believing in me...so that I was able to succeed as a graduate student." By providing outstanding mentoring, Dr. Sheard has helped establish a new culture of research and scholarship in the Kinesiology graduate program.

We are recognizing faculty mentors by profiling one from each college. These faculty mentors were nominated by their student mentees and their colleagues highlighting their mentorship activities that promote graduate student research, scholarship and creative activity. These honorees were carefully chosen after thorough evaluation by their respective colleges.

# Dr. Heidi Riggio College of Natural and Social Sciences Department of Psychology

Dr. Riggio joined the Psychology Department in Fall 2005. She has taught variety of courses in Psychology including Introductory Psychology, Social Psychology, Descriptive Statistics, Sex and Gender, and Theories of Personality. Dr. Riggio is an exceptional professor whose passion and enthusiasm for the subject is reflected in her inspirational, and thought-provoking lectures. Anyone who has had the pleasure of taking a class with Dr. Riggio knows that she exemplifies the qualities of an outstanding professor, who has a talent for teaching in an engaging, challenging, yet understandable manner, making learning a pleasurable experience. She has mentored more than 38 graduate students in the MA Program in Psychology at Cal State LA.

Message from the Dean of the College of Natural and Social Sciences, Dr. Pamela Scott-Johnson:

Dr. Riggio, for your commitment to student training and development, and for mentoring the next generation of scholars. The College proudly salutes your support of graduate education. Congratulations to your students, who nominated you. Of note is the number of students with whom you have co-authored publications and presentations and for whom you have impacted their lives.

#### **Student Acknowledgments of Faculty Mentors**

Students were invited to acknowledge faculty mentors who have helped them achieve their academic goals including supporting their research; co-authoring publications and presentations; and guiding them in creativity activities and professional growth.

Professor Andres Aguilar

**Biological Sciences** 

Dr. Manuel Moreno Aguilar

Latin American Studies

Dr. Gaston Alzate

Modern Languages and Literatures

Dr. Navid Amini

Computer Science

Dr. Arun Aryal

Information Systems

Dr. Beth Felice Baker-Cristales

Anthropology

Dr. Shilpa Balan

Information Systems

Dr. Olajide Bamashigbin

Psychology

Professor Luoman Bao

Sociology

**Professor Oscar Bernal** 

Physics and Astronomy

Dr. James Brady

Anthropology

Professor Gary Brookfield

Mathematics

Professor Michael Calabrese

English

Dr. Mario Castaneda

Curriculum & Instruction

Dr. Chaterjee Choi

History

Professor Joshua Cuzzone

Geosciences and Environment

Dr. Dolores Delgado-Bernal

Chicano/a & Latina/o Studies

Dr. Jessica Dennis

Psychology

Dr. Foad Dizadji-Bahmani

Philosophy

Dr. Robin Dodds

Special Education

Dr. Timothy Doran

History

Dr. Ramani Durvasula

Psychology

Professor Mitchell Eisen

Psychology

**Professor Edward Eivers** 

**Biological Sciences** 

Dr. Andre Ellis

Geosciences and Environment

Dr. Erica Ellis

**Communication Disorders** 

Dr. Mohsen Eshraghi

Mechanical Engineering

Dr. Dionne Espinoza

Liberal Studies

Dr. Gaithri Fernando

Psychology

**Professor Miles Finney** 

Economics and Statistics

Professor Gabriela Fried-Amilivia

Sociology

Dr. Mitch Fryling

Education

#### **Student Acknowledgments of Faculty Mentors**

Professor Choi Ga-Young

Social Work

Dr. Linda Greenberg

English

**Professor Meredith Greenburg** 

Theatre and Dance

Professor Jian Guo

Geosciences and Environment

Professor Yasuhiro Hasegawa

Computer Science

Professor Melissa Hendrata

Mathematics

Dr. Barry Hibbs

Geosciences and Environment

Dr. Kristen Hourigan

Sociology

**Professor Barrington Hunt** 

Management and Accounting

Professor Anh-Luu Huyn-Hohnbaum

Social Work

Professor Peter Ivory

Communication Disorders

Dr. Manisha Javeri

Applied & Advanced Studies in Education

Dr. Lia Kamhi Stein

Division of Educational Foundation & Interdiv Studies

Professor Afary Kamran

Communication Studies

Professor Tanya Kane-Perry

Theatre and Dance

Professor Kasmron Karimlou

Electrical & Computer Engineering

Professor Anureet Kaur

Kinesiology and Nutritional Science

Professor Susan Kawell

Curriculum and Instruction

Professor John Kennedy

Music

Professor Stefan Keslacy

Kinesiology & Nutritional Science

Professor Arezoo Khodayari

Civil Engineering

Professor Wai Kit Choi

Sociology

Professor Mike Krebs

Mathematics

Professor Patrick Krug

**Biological Sciences** 

Professor Mary Kubalanza

Communication Disorders

Dr. Jim Kuo

Mechanical Engineering

Dr. Wing Shun Kwan

Civil Engineering

**Professor Nathan Lanning** 

Biological Sciences

Professor Kittiya Lee

History

Dr. Jingjing Li

Geosciences and Environment

Dr. Daphne Liu

Mathematics

Professor Sonya Lopez

Civil Engineering

**Professor Robert Martin** 

Art

Dr. Allison Mattheis

Applied and Advanced Studies in Education

**Professor Brigitte Matthies** 

Psychology

Professor Mehran Mazari

Civil Engineering

Dr. Stephen McGuire

Management

**Professor Jamil Momand** 

Chemistry and Biochemistry

#### **Student Acknowledgments of Faculty Mentors**

Professor Marina Mondin

**Electrical & Computer Engineering** 

Professor Nina O'Brien

**Communication Studies** 

Dr. Enrique Ochoa

Latin American Studies and History

Professor Anna Oshipova

Special Education & Counseling

Dr. Arturo Pacheco-Vega

Mechanical Engineering

Dr. Hyunsook Park

Biological Sciences

Dr. Edith Porter

**Biological Sciences** 

Dr. Mohammad Pourhamayoun

Computer Science

Dr. Pamela Regan

Psychology

Professor William Rosales

Sociology

Professor Heidi Riggio

Psychology

Professor William Rosales

Natural & Social Sciences-Dean

Professor Amelia Russo-Neudstadt

**Biological Sciences** 

Dr. Melanie Sabado-Liwag

Public Health

Dr. Elina Saeki

Speciald Education and Counselling

Dr. Jeff Santner

Mechanical Engineering

Professor Christine Scoffoni

**Biological Sciences** 

Professor Matthias Selke

Chemistry & Biochemistry

Professor Michael Selvan Joseph

Kinesiology and Nutritional Science

Dr. Travis Shihao Hu

Mechanical Engineering

Dr. Ailish Sheard

Kinesiology and Nutritional Science

Dr. Gabriela Simon-Cereijido

Communication Disorders

Professor Rafael Solorzano

Latin American Studies

Dr. Susan Terebey

Physics and Astronomy

**Professor Harry Therman** 

Physics and Astronomy

Professor Leigh Ann Tipton-Fisler

Special Education and Counseling -EDSC

Dr. Ericka Verba

Latin American Studies

Dr. Angela Vergara

Latin American Studies

Dr. Alejandro Villalpando

Latin American Studies

Dr. Cynthia Wang

Communication Studies

Dr. Yixian Wang

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# **Student Acknowledgements of Faculty Mentors**

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# Professor Jongwook Woo Information Systems

# Dr. Alexandra Wright Biological Sciences

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Christian Flores
Graduate Academic Senator

**Jocelyn Vargas**Health and Human Services Representative

**Ugbad Farah**Environmental Affairs Commissioner

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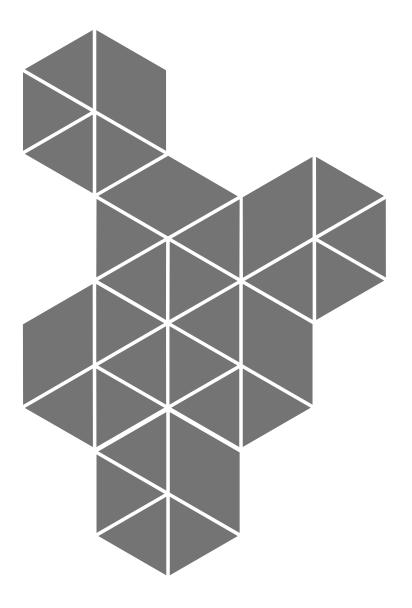
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# **■**Special Thanks

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